

Rapise™ Object Reference

Version 1.4

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Global Top Previous Next

Global object. Use it to perform actions not related to a particular object. You do not need to record or learn this object, it is always automatically available in any test.

Property Summary

Property	Description
<u>lastPid</u>	PID of last process executed using call to a DoLaunch.

Action Summary

Action	Description
<u>DoAnalogPlay</u>	Performs Analog Playback of events recorded in a file.
<u>DoAppActivate</u>	Activates window with the specified title.
<u>DoClick</u>	Performs mouse click at the current position.
<u>DoInvokeTest</u>	Invokes another test script (as sub-test).
<u>DoKillByName</u>	Terminates a given process.
<u>DoKillByPid</u>	Terminates a given process.
<u>DoLaunch</u>	Executes a command specified in cmdLine.
<u>DoMessageBox</u>	Shows message box (popup message) to a user.
<u>DoMouseMove</u>	Moves mouse to the specified position.
<u>DoSendKeys</u>	Sends series of keystrokes to a currently focused application.
<u>DoSleep</u>	Pauses execution for given number of milliseconds (1000 = 1 second).
<u>DoTrim</u>	Trims given string (removes left and right whitespaces).
<u>DoWaitFor</u>	Waits for object specified by id to be available.
<u>GetCurrentDir</u>	Gets current directory path.
<u>GetFullPath</u>	Constructs an absolute file name using current directory of the test.
<u>GetOsOwner</u>	Reads OS registered owner from the registry.
<u>GetOsPath</u>	Reads OS root path from the registry.
<u>GetOsType</u>	Reads OS type from the registry.
<u>GetOsVersion</u>	Reads OS service pack version from the registry.
<u>GetSpecialFolderPath</u>	Retrieves the system special folder path.

Property Detail

lastPid

PID of last process executed using call to a DoLaunch.

Action Detail

DoAnalogPlay(path, left, top)

Performs Analog Playback of events recorded in a file.

Parameters:

Name	Туре	Description
path	String	This is a path to a file with recorded analog events.
left	Number	X-coordinate of top-left corner of the analog area.
top	Number	Y-coordinate of the top-left corner of the analog area.

DoAppActivate(title)

Activates window with the specified title. I.e. Global.DoAppActivate("Calculator") will bring running instance (if any) of Windows Calculator to the foreground.

Parameters:

Name	Туре	Description
title		

See:

MSDN Article for AppActivate

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DoClick(clickType)

Performs mouse click at the current position.

Parameters:

Name	Туре	Description
clickType	String	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click. Optional, Default: "L".

DolnvokeTest(pathToTest, optionalParams)

Invokes another test script (as sub-test). The subtest should have the set of libraries as calling test. Otherwise it may lead to a conflict.

Parameters:

Name	Туре	Description
pathToTest	String	absolute or relative path to a subtest
optionalParams	Object	

Returns:

'true' if test passed.

DoKillByName(processName)

Terminates a given process.

Parameters:

Name	Туре	Description
processName	String	Name of the process.

Returns:

'true' if the process was terminated, 'false' otherwise.

DoKillByPid(pid)

Terminates a given process.

Parameters:

Name	Туре	Description
pid	Number	ID of the process.

Returns:

'true' if the process was terminated, 'false' otherwise.

DoLaunch(cmdLine, wrkDir, attachlfExists)

Executes a command specified in cmdLine.

Parameters:

Name	Туре	Description
cmdLine	String	Command line to execute.
wrkDir	String	Working directory for the new process. Optional.
attachIfExists	Boolean	Try to find existing process before starting new one. If no process found then new one is created. Optional.

Returns:

ID of the new process.

DoMessageBox(prompt, buttons)

Shows message box (popup message) to a user.

Parameters:

Name	Туре	Description
prompt	String	Message to display

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buttons	Number	A value or a sum of values that specifies the number and type of buttons to display, the icon style to use, the identity of the default button, and the modality of the message box. Default value is 0 0 = vbOKOnly - OK button only 1 = vbOKCancel - OK and Cancel buttons 2 = vbAbortRetryIgnore - Abort, Retry, and Ignore buttons 3 = vbYesNoCancel - Yes, No, and Cancel buttons 4 = vbYesNo - Yes and No buttons 5 = vbRetryCancel - Retry and Cancel buttons 16 = vbCritical - Critical Message icon 32 = vbQuestion - Warning Query icon 48 = vbExclamation - Warning Message icon 64 = vbInformation - Information Message icon 0 = vbDefaultButton1 - First button is default 256 = vbDefaultButton2 - Second button is default 512 = vbDefaultButton3 - Third button is default 768 = vbDefaultButton4 - Fourth button is default 0 = vbApplicationModal - Application modal (the current application will not work until the user responds to the message box) 4096 = vbSystemModal - System modal (all applications wont work until the user responds to the message box) We can divide the buttons values into four groups: The first group (0–5) describes the buttons to be displayed in the message box, the second group (16, 32, 48, 64) describes the icon style, the third group (0, 256, 512, 768) indicates which button is the default; and the fourth group (0, 4096) determines the modality of the message box. When adding numbers to create a final value for the buttons parameter, use only one number from each group Optional, Default: 0.
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A number representation of a button pressed by user:

vbOK OK button was clicked. Cancel button was clicked. vbCancel 2 vbAbort 3 Abort button was clicked. vbRetry 4 Retry button was clicked. vblgnore 5 Ignore button was clicked. vbYes 6 Yes button was clicked. vbNo No button was clicked.

DoMouseMove(x, y)

Moves mouse to the specified position.

Parameters:

Name	Туре	Description
х	Number	Absolute X-coordinate of the target mouse position.
у	Number	Absolute Y-coordinate of the target mouse position.

DoSendKeys(keys)

Sends series of keystrokes to a currently focused application.

Parameters:

Name	Туре	Description
keys	String	A sequence of keystrokes.

See:

MSDN Article for SendKeys

DoSleep(millis)

Pauses execution for given number of milliseconds (1000 = 1 second).

Parameters:

Name	Туре	Description
millis	Number	Number of milliseconds to sleep.

DoTrim(str)

Trims given string (removes left and right whitespaces).

Parameters:

Name	Туре	Description
str	String	String to trim.

Returns:

Trimmed string.

DoWaitFor(objectId, timeout)

Waits for object specified by id to be available. Function returns if object was found or timeout.

Parameters:

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Name	Туре	Description
objectId	String	ID of object to wait for.
timeout	Number	Maximum time to wait.

Found object or 'false'.

GetCurrentDir()

Gets current directory path.

Returns:

Path of the current directory.

GetFullPath(fileName)

Constructs an absolute file name using current directory of the test.

Parameters:

Name	Туре	Description
fileName	String	Name of a file.

Returns:

Absolute file name.

GetOsOwner()

Reads OS registered owner from the registry.

Returns:

OS registered owner.

GetOsPath()

Reads OS root path from the registry.

Returns:

OS root path without the trailing backslash, e.g. "C:\Windows".

GetOsType()

Reads OS type from the registry.

Returns:

OS type.

GetOsVersion()

Reads OS service pack version from the registry.

Returns:

Service pack version.

GetSpecialFolderPath(folder)

Retrieves the system special folder path.

Parameters:

Name	Туре	Description	
folder	String	The system special folder Possible values:	name as defined in .NET Environment.SpecialFolder enum, e.g. "ProgramFiles".
		ApplicationData	The directory that serves as a common repository for application-specific data for the current roaming user.
		CommonApplicationData	The directory that serves as a common repository for application-specific data that is used by all users.
		CommonProgramFiles	The directory for components that are shared across applications.
		Cookies	The directory that serves as a common

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repository for Internet cookies. The logical Desktop rather than the physical file Desktop system location. The directory used to physically store file objects DesktopDirectory on the desktop. The directory that serves as a common **Favorites** repository for the user's favorite items. The directory that serves as a common History repository for Internet history items. The directory that serves as a common InternetCache repository for temporary Internet files. The directory that serves as a common LocalApplicationData repository for application-specific data that is used by the current, non-roaming user. MyComputer The "My Computer" folder. MyDocuments The "My Documents" folder. MyMusic The "My Music" folder. MyPictures The "My Pictures" folder. The directory that serves as a common Personal repository for documents. ProgramFiles The program files directory. The directory that contains the user's program **Programs** groups. The directory that contains the user's most Recent recently used documents. The directory that contains the Send To menu SendTo items. StartMenu The directory that contains the Start menu items. The directory that corresponds to the user's Startup Startup program group. System The System directory. The directory that serves as a common **Templates** repository for document templates.

Returns:

System specified folder path without the trailing backslash, e.g. "C:\Program Files".

Navigator Top Previous Next

Navigator object. This is used to provide functions for manipulating the web browser when using the HTML libraries

Action Summary

Action	Description
<u>Find</u>	Returns the HTMLObject wrapping a DOM element for a given 'xpath'.
<u>ExecJS</u>	Executes given JavaScript statement in a browser and returns results.
Open	Opens a browser. If URL is specified, goes to URL.
Close	Closes browser. Finishes session.
<u>Navigate</u>	Redirects browser to a specified URL.
<u>DoCheckAlert</u>	Waits until browser alert with a given text. Wait timeout is 10 seconds.
<u>DoCheckConfirmation</u>	Waits until browser confirmation with a given text. Wait timeout is 10 seconds.
<u>DoSetExpectedPromptResult</u>	Set text to return as a result of next browser 'prompt' request
DoSetExpectedConfirmResult	Set boolean value to return as a result of next browser 'confirm' request
<u>DoCheckPrompt</u>	Waits until browser prompt with a given text. Wait timeout is 10 seconds.

Action Detail

Find (xpath, url, title, objlnfo)

Returns the HTMLObject wrapping a DOM element for a given 'xpath'

Parameters:

Name	Туре	Description
xpath	String	The xpath selector for the object

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url	String	If a new navigator is launched, this URL is used
title	String	The title of the HTML document that is being searched
objInfo	SeSObjectInfo	A populated SeSObjectInfo object

The HTMLObject of the elements that matches the XPath selector

ExecJS(scriptText)

Executes the given JavaScript statement in a browser and returns results.

Parameters:

Name	Туре	Description
scriptText	String	JavaScript code.

Returns:

The results from executing the Javascript code

Open(url)

Opens a browser. If URL is specified, goes to URL.

Parameters:

Name	Туре	Description
url	String	start URL for opening browser. Can be 'null'.

Returns:

Nothing

Close()

Closes browser. Finishes session.

Parameters:

None

Returns:

Nothing

Navigate(url)

Redirects browser to a specified URL.

Parameters:

Name	Туре	Description
url	String	The URL to navigate to.

Returns:

Nothing

DoCheckAlert(msg)

Waits until browser alert with a given text. Wait timeout is 10 seconds.

Parameters:

Name	Туре	Description
msg	String	alert text. Can be exact text or regular expression

Returns:

'true' if browser alert had occurred, 'false' otherwise.

DoCheckConfirmation(msg, result)

Waits until browser confirmation with a given text. Wait timeout is 10 seconds.

Parameters:

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Name	Туре	Description
msg	String	confirmation text. Can be exact text or regular expression
result	String	Not used - can leave empty

'true' if browser confirmation popup is shown, 'false' otherwise.

DoSetExpectedPromptResult(expectedRes)

Set text to return as a result of next browser 'prompt' request

Parameters:

Name	Туре	Description
expectedRes	String	The text to be returned in the next request

Returns:

Nothing

DoSetExpectedConfirmResult(expectedRes)

Set boolean value to return as a result of next browser 'confirm' request

Parameters:

Name	Туре	Description
expectedRes	String	The text to be returned in the next request

Returns:

'true' if browser confirmation popup is shown, 'false' otherwise.

DoCheckPrompt(msg, result)

Waits until browser prompt with a given text. Wait timeout is 10 seconds.

Parameters:

Name	Туре	Description
msg	String	confirmation text. Can be exact text or regular expression
result	String	Not used - can leave empty

Returns:

'true' if browser confirmation popup is shown, 'false' otherwise.

Ocr

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Optical Character Resolution (OCR) object. Use it to recognize text on the screen.

Action Summary

Action	Description
<u>DoClickTextInObject</u>	Does OCR for a given object, finds a given string and clicks on it.
<u>DoClickTextInWindow</u>	Does OCR for a window that contains a given object, finds a given string and clicks on it.
<u>DoExtractFromImage</u>	Does OCR for 'img'.
<u>DoExtractFromObject</u>	Does OCR for a given object.
<u>DoExtractFromScreen</u>	Does OCR for a given rectangle.
<u>DoExtractFromWindow</u>	Does OCR for a window that contains a given object.
<u>DoSelectOcrEngine</u>	Selects OCR engine by name.

Action Detail

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DoClickTextInObject(objId, text, clickType)

Does OCR for a given object, finds a given string and clicks on it.

Parameters:

Name	Туре	Description
objld	SeSObject String	ID of an object or SeSObject instance.
text	String	Text to find.
clickType	String	Type of a click to perform. Optional, Default: "L".

Returns:

'true' if the text was found, 'false' otherwise.

DoClickTextInWindow(objId, text, clickType)

Does OCR for a window that contains a given object, finds a given string and clicks on it.

Parameters:

Name	Туре	Description
objld	SeSObject String	ID of an object or SeSObject instance.
text	String	Text to find.
clickType	String	Type of a click to perform. Optional, Default: "L".

Returns:

'true' if the text was found, 'false' otherwise.

DoExtractFromImage(img)

Does OCR for 'img'.

Parameters:

Name	Туре	Description
img	SeSWrappers.Utils.ImageWrapper	Image (ImageWrapper object or path to a file) to do OCR.
	String	

Returns:

Recognized text or empty string in the case of an error.

DoExtractFromObject(objld)

Does OCR for a given object.

Parameters:

Name	Туре	Description
objld	SeSObject String	ID of an object or SeSObject instance.

Returns:

Recognized text or empty string in the case of an error.

DoExtractFromScreen(left, top, right, bottom)

Does OCR for a given rectangle.

Parameters:

Name	Туре	Description
left	Number	X-coordinate of the top left corner.
top	Number	Y-coordinate of the top left corner.
right	Number	X-coordinate of the bottom right corner.
bottom	Number	Y-coordinate of the bottomo right corner.

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Recognized text or empty string in the case of an error.

DoExtractFromWindow(objld)

Does OCR for a window that contains a given object.

Parameters:

Name	Туре	Description
objld	SeSObject String	ID of an object or SeSObject instance.

Returns:

Recognized text or empty string in the case of an error.

DoSelectOcrEngine(ocrName)

Selects OCR engine by name. The name should point to installed OCR engine.

Parameters:

Name	Туре	Description
ocrName	String	Name of an OCR engine available to Rapise. For example, 'Textract' or 'Tesseract'.

SeSReportException

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Used to show exception in the report.

Action Summary

Action	Description
SeSReportException	Used to show exception in the report.

Action Detail

SeSReportException(e)

Used to show exception in the report.

Parameters:

Name	Туре	Description
е	Error	Error object.

SeSReportImage

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Used to show a bitmap picture in the report.

Action Summary

Action	Description
SeSReportImage	Used to show a bitmap picture in the report.

Action Detail

SeSReportImage(imgWrapper, caption)

Used to show a bitmap picture in the report.

Parameters:

Name	Туре	Description
imgWrapper	ImageWrapper	Instance of image wrapper with captured image.

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caption	String	Image label.
		Optional, Default: "Image".

SeSReportLink Top Previous Next

Used to show link (url and text) in the report

Action Summary

Action	Description
SeSReportLink	Used to show link (url and text) in the report

Action Detail

SeSReportLink(url, text)

Used to show link (url and text) in the report

Parameters:

Name	Туре	Description
url	String	Actual link.
text	String	Text to show in the report.

SeSReportText Top Previous Next

Used to show long text message in the report.

Action Summary

Action	Description
SeSReportText	Used to show long text message in the report.

Action Detail

SeSReportText(txt, caption)

Used to show long text message in the report.

Parameters:

Name	Туре	Description
txt	String	Message text.
caption	String	Message caption. Optional.

Spreadsheet Top Previous Next

Spreadsheet object. Use it to read and write Excel and text spreadsheets.

Action Summary

Action	Description
<u>DoAttach</u>	Attaches to a sheet from a spreadsheet file.
<u>DoMoveTo</u>	Moves to a given row.
<u>DoRandom</u>	Selects random row and column in the range.
<u>DoSequential</u>	Advances to the next row in the range.
GetCell	Gets cell value by its coordinates.

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GetColumnCount	Gets columns count.	
<u>GetColumnName</u>	Gets column name.	
GetRowCount	Gets rows count.	
SetRange	Sets cell range used in DoSequental and in DoRandom.	

Action Detail

DoAttach(fileName, sheet)

Attaches to a sheet from a spreadsheet file.

Parameters:

Name	Туре	Description
fileName	String	Excel or text file name.
sheet	String	Sheet name or separator for text file. Optional.

Returns:

true, if successfull

DoMoveTo(rowInd)

Moves to a given row.

Parameters:

Name	Туре	Description
rowInd	Number	Row index to set active.

DoRandom()

Selects random row and column in the range. The range is either set by SetRange or it is the default range that includes all rows (except first row which is considred to contain column names) and columns on the sheet.

Returns:

'false' if the the spreadhseet is not attached, 'true' - otherwise.

DoSequential()

Advances to the next row in the range. The range is either set by SetRange or it is the default range that includes all rows on the sheet except first row which is considred to contain column names. When the end of the range is reached DoSequential rewinds back to the first row in the range and returns 'false'.

Returns:

'false' if being called when active row is the last row or the spreadsheet is not attached, 'true' - otherwise.

GetCell(columnId, rowld)

Gets cell value by its coordinates. Returns current cell value after DoSequental or DoRandom if params not set.

Parameters:

Name	Туре	Description
columnId	Number String	Column index or name. If not set ActiveColumn is used. Optional.
rowld	Number	Row index. If not set ActiveRow is used. Optional.

GetColumnCount()

Gets columns count.

Returns:

Number of columns in the spreadsheet.

GetColumnName(ind)

Gets column name.

Parameters:

Name	Туре	Description
ind	Number	Column index.

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Name of column in the spreadsheet.

GetRowCount()

Gets rows count.

Returns:

Number of rows in the spreadsheet.

SetRange(startRow, endRow, startCol, endCol)

Sets cell range used in DoSequental and in DoRandom.

Parameters:

Name	Туре	Description
startRow	Number	Start row index.
endRow	Number	End row index.
startCol	Number	Start column index. Optional.
endCol	Number	End column index. Optional.

Tester Top Previous Next

Tester object. Use it to perform assertions during test playback and output relevant information to the report. You do not need to record or learn this object, it is always automatically available in any test.

Property Summary

Property	Description
<u>Fail</u>	Test status, test failed.
<u>Info</u>	Test status, test is neither passed nor failed.
<u>Pass</u>	Test status, test passed.
Unresolved	Test status, test status is unresolved, test terminated unexpectedly.

Action Summary

Action	Description
<u>Assert</u>	Checks if condition is 'true' and saves corresponding Report entry.
<u>AssertEqual</u>	Checks if obj1 equals to obj2 and saves corresponding Report entry.
<u>AssertImage</u>	Checks if 'img1' equals to image stored at 'path' and saves corresponding Report entry.
<u>BeginTest</u>	Marks beginning of a test with a given name.
<u>EndTest</u>	Marks end of a currently executed test.
<u>GetReportAttribute</u>	Gets report attribute previously set by PushReportAttribute or SetReportAttribute.
<u>GetTestStatus</u>	Gets status of currently executed test.
<u>IgnoreStatus</u>	In IgnoreStatus mode the assertion status is always treated as "Info".
<u>Message</u>	Saves corresponding Report message.
<u>MessageBox</u>	Shows message box to user.
<u>MessageBoxPrompt</u>	Shows message box with question to the user and checks if user presses "Yes" or "No" "Yes" => "Pass" goes to the report with this message.
<u>PopReportAttribute</u>	Resets an attribute to its previous value.
<u>PushReportAttribute</u>	Maintains "stacked" attributes.
ResetReportAttribute	Removes report attribute previously set by SetReportAttribute.
<u>SetReportAttribute</u>	Set persistent attribute.
<u>SuppressReport</u>	In SuppressReport mode all assertions are ignored.

Property Detail

Fail

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Test status, test failed. Constant, equal to 0.

Info

Test status, test is neither passed nor failed. Constant, equal to -2.

Pass

Test status, test passed. Constant, equal to 1.

Unresolved

Test status, test status is unresolved, test terminated unexpectedly. Constant, equal to -1.

Action Detail

Assert(message, condition, data, tags)

Checks if condition is 'true' and saves corresponding Report entry. Assertion is an atomic piece of verification. Assertion may contain some additional data (links, images, comments) set via 'data' parameter

Parameters:

Name	Туре	Description
message	String	Assertion text.
condition	Boolean	If 'true' - assertion is considered Passed.
data	SesReportLink SesReportText SesReportImage Object[] String	If "string" is passed, then data is considered as additional comment atribute. Or "array" may be passed. Each entry in the array should be one of: SeSReportLink, SeSReportImage, SeSReportText. Optional.
tags	Object	Hash of attributes to set for this particular log entry. Optional.

AssertEqual(message, obj1, obj2, data, tags)

Checks if obj1 equals to obj2 and saves corresponding Report entry. Assertion is an atomic piece of verification. Assertion may contain some additional data (links, images, comments) set via 'data' parameter

Parameters:

Name	Туре	Description
message	String	Assertion text.
obj1	Object	First object to compare.
obj2	Object	Second object to compare.
data		If "string" is passed, then data is considered as additional comment atribute. Or "array" may be passed. Each entry in the array should be one of: SeSReportLink, SeSReportImage, SeSReportText. Optional.
tags	Object	Hash of attributes to set for this particular log entry. Optional.

AssertImage(message, img1, path, data, tags)

Checks if 'img1' equals to image stored at 'path' and saves corresponding Report entry. Assertion is an atomic piece of verification. Assertion may contain some additional data (links, images, comments) set via 'data' parameter

Parameters:

Name	Туре	Description
message	String	Assertion text.
img1	Object	ImageWrapper object (1st image to compare).
path	ImageWrapper	Path to the second image to compare.
data		If "string" is passed, then data is considered as additional comment atribute. Or "array" may be passed. Each entry in the array should be one of: SeSReportLink, SeSReportImage, SeSReportText. Optional.
tags	Object	Hash of attributes to set for this particular log entry. Optional.

BeginTest(name, path)

Marks beginning of a test with a given name.

Parameters:

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Name	Туре	Description
name	String	Test name.
path	String	

EndTest()

Marks end of a currently executed test. Calculates test results and performs finalization of test execution.

GetReportAttribute(name)

Gets report attribute previously set by PushReportAttribute or SetReportAttribute.

Parameters:

Name	Туре	Description
name	String	Atribute name.

GetTestStatus()

Gets status of currently executed test.

Returns:

One of:

Tester.Info test is neither passed nor failed

Tester.Pass test passed Tester.Fail test failed

Tester.Unresolved test status is unresolved, test terminated unexpectedly

IgnoreStatus(ignore)

In IgnoreStatus mode the assertion status is always treated as "Info". Real status is written to "realStatus" attribute in this case and used just for information purposes (i.e. it does not affect final test status).

This function is used when the test case needs to set test status manually.

```
Tester.IgnoreStatus(true);
Tester.Assert("Ignored Assertion", false); // This assertion is failed. But its status is ignored.
Tester.IgnoreStatus(false);
Tester.Assert("Test passed", true);
// The overall test is passed because failed assertion is ignored.
```

Parameters:

Name	Туре	Description
ignore	Boolean	'true' to ignore status of all report items.

Message(message, data, tags)

Saves corresponding Report message. Message may contain some additional data (links, images, comments) set via 'data' parameter.

Parameters:

Name	Туре	Description
message	String	Mesage text.
data	SeSReportText	If "string" is passed, then data is considered as additional comment atribute Or "array" may be passed. Each entry in the array should be one of: SeSReportLink, SeSReportImage, SeSReportText. Optional.
tags	Object	Hash of attributes to set for this particular log entry. Optional.

MessageBox(message)

Shows message box to user. Use it for verbose and manual testing.

Parameters:

Name	Туре	Description
message	String	Message text.

MessageBoxPrompt(question)

Shows message box with question to the user and checks if user presses "Yes" or "No" "Yes" => "Pass" goes to the report with this message. "No" => "Fail" is reported.

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Parameters:

Name	Туре	Description
question	String	Question text.

PopReportAttribute(name)

Resets an attribute to its previous value. See PushReportAttribute for more information.

Parameters:

Name	Туре	Description
name	String	Attribute name.

Returns:

Previous value. Null if no such stacked attribute found.

PushReportAttribute(name, value)

Maintains "stacked" attributes. Useful for nesting.

Example:

Main test sets atscenario=Main. Then it calls another scenario (scenario Login) and then continues its own test actions.

We want all assertions to be attributed with current scenario name.

```
function Main()
{
    Tester.PushReportAttribute("scenario", "Main");
    Login();
    ...
    Tester.Assert("Main test passed", mainStatus); // Saved with scenario=Main
}

function Login()
{
    Tester.PushReportAttribute("scenario", "Login");
    ... // Do login logic
    Tester.Assert("Login Result", loginStatus);
    Tester.PopReportAttribute("scenario"); // Set scenario value back to caller
    }
}
```

Parameters:

Name	Туре	Description
name	String	Attribute name.
value	String	Attribute value.

ResetReportAttribute(name)

Removes report attribute previously set by SetReportAttribute.

Parameters:

Name	Туре	Description
name	String	Atribute name.

SetReportAttribute(name, value)

Set persistent attribute. It will be set for all subsequent report items (assertions, tests, requirements, and so on). It may be changed by calling the ResetReportAttribute function.

Parameters:

Name	Туре	Description
name	String	Attribute name.
value	String	Attribute value.

SuppressReport(suppress)

In SuppressReport mode all assertions are ignored. That means no lines are added to report and all statuses are treated as "Info". This mode is like IgnoreStatus mode but no status messages are added to report.

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Tester.SuppressReport(true); Tester.Assert("No assertion", false); // Status of this assertion will be ignored and no record will be added to report SeS('Obj1').DoClick(); // No line will be added to report and operation status will be ignored Tester.SuppressReport(false);

Parameters:

Name	Туре	Description	
suppress	Boolean	'true' to suppress report of all report items.	

AnimationControl Top Previous Next

Infragistics AnimationControl. Extends ManagedObject.

Behavior Pattern: UltraAnimationControlBehavior

Property Summary

Property	Description	Getter	Setter
IsPlaying	true if animation is playing, 'false' otherwise	GetIsPlaying	

Action Summary

Action	Description
<u>DoPlay</u>	Plays the animation of this object.
DoStop	Stops the animation of this object.

Property Detail

IsPlaying

true if animation is playing, 'false' otherwise Accessors: GetIsPlaying

Action Detail

DoPlay()

Plays the animation of this object.

'true' if success, 'false' otherwise.

DoStop()

Stops the animation of this object.

Returns:

'true' if success, 'false' otherwise.

UltraAppMenu Top Previous Next

UltraAppMenu Extends ManagedObject.

Behavior Pattern: ManagedObjectGenericBehavior

Property Summary

Property	Description	Getter	Setter
ControlType	Type of the object.	GetControlType	
<u>Height</u>	Height of the object.	GetHeight	
Width	Width of the object.	GetWidth	
X	X-coordinate of the top left corner of the object.	GetX	

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Action Summary

Action	Description
<u>DoDumpWidget</u>	Dumps Spy data for the object.
<u>DoGetWidgetProperty</u>	Returns the value of a property with a given name.

Property Detail

ControlType

Type of the object.

Accessors: GetControlType

Height

Height of the object. Accessors: GetHeight

Width

Width of the object.
Accessors: GetWidth

Х

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoDumpWidget(dumpProperties, maxDepth, trimValue, indent, filePath, append, ignoreProps)

Dumps Spy data for the object.

Parameters:

Name	Туре	Description
dumpProperties	boolean	If 'true' then includes properties to the result. Optional, Default: false.
maxDepth	number	Determines max recursion depth. If '0' then dumps current object only, if '1' - dumps direct children as well, etc. If '-1' then dumps the whole subtree of objects. Optional, Default: 0.
trimValue	number	Determines maximum length of a proprty value. Excess characters are truncated. Optional, Default: 256.
indent	string	Indentation string for child objects and properties. Optional, Default: \.
filePath	string	If 'filePath' is set then outputs result to corresponding file. Optional.
append	boolean	If 'true' then file should be overwritten, if 'false' then data should be appended. Optional, Default: false.
ignoreProps	Array	Contains the names of the properties which must be ignored when writing into a file. Optional, Default: undefined.

Returns:

Object data if 'filePath' is not set, 'true' if file write succeeded, 'false' - otherwise.

DoGetWidgetProperty(name)

Returns the value of a property with a given name. Names of available properties can be seen in Spy.

Parameters:

Name	Туре	Description
name	string	Property name.

Returns:

Property value if successful, an empty string if the property can not be found.

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UltraButton Top Previous Next

 $Infragistics \ Ultra Button. \ Extends \ \underline{Managed Object}.$

Behavior Pattern: ManagedObjectButtonBehavior

UltraCheckEditor Top Previous Next

 $Infragistics\ UltraFormatted Text Editor.\ Extends\ \underline{Managed Object}.$

Behavior Pattern: ManagedObjectCheckableBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Action Summary

Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise. Accessors: GetChecked, SetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

UltraColorPicker Top Previous Next

Infragistics UltraColorPicker Extends ManagedObject

Behavior Pattern: DXColorEditBehavior

Property Summary

Property	Description	Getter	Setter
<u>SelectedColor</u>	Selected color of the object	GetSelectedColor	SetSelectedColor
SelectedText	Text of the selected item in a single string.	GetSelectedText	SetSelectedText
Text	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description	
<u>DoSelectColor</u>	Selects a color.	

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Property Detail

SelectedColor

Selected color of the object

Accessors: GetSelectedColor, SetSelectedColor

SelectedText

Text of the selected item in a single string. Accessors: GetSelectedText, SetSelectedText

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSelectColor(val)

Selects a color.

Parameters:

Name	Туре	Description
val	struct	structure with three fields '{R, G, B}'.

Returns:

'true' if successfule, 'false' otherwise

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

UltraComboEditor

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Infragistics UltraComboEditor. Extends ManagedObject.

Behavior Pattern: UltraComboBoxBehavior

Property Summary

Property	Description	Getter	Setter
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedItem	Selected item of the object.	GetSelectedItem	SetSelectedItem
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
DoSelectItem	Selects an item of this object.

Property Detail

SelectedIndex

Index of the selected element of the object. Accessors: GetSelectedIndex, SetSelectedIndex

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SelectedItem

Selected item of the object.

Accessors: GetSelectedItem, SetSelectedItem

Tex

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSelectItem(item)

Selects an item of this object.

Parameters:

Name	Туре	Description
item	string number	Item index or text value to select.

Returns:

'true' if success, 'false' otherwise.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

UltraCurrencyEditor

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Infragistics UltraCurrencyEditor. Extends ManagedObject.

Behavior Pattern: UltraEditBehavior

Property Summary

Property	Description	Getter	Setter
Text	Text of the object, 'false' if text can not be read.	GetText	SetText

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Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

UltraDropDownButton

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Infragistics UltraDropDownButton. Extends ManagedObject.

Behavior Pattern: ManagedObjectButtonBehavior

UltraFontNameEditor

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 $Infragistics\ Ultra Combo Editor.\ Extends\ \underline{Managed Object}.$

Behavior Pattern: UltraComboBoxBehavior

Property Summary

Property	Description	Getter	Setter
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedItem	Selected item of the object.	GetSelectedItem	SetSelectedItem
Text	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSelectItem</u>	Selects an item of this object.

Property Detail

SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

SelectedItem

Selected item of the object.

Accessors: GetSelectedItem, SetSelectedItem

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

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Action Detail

DoSelectItem(item)

Selects an item of this object.

Parameters:

Name	Туре	Description
item	string number	Item index or text value to select.

Returns:

'true' if success, 'false' otherwise.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

UltraFormattedLinkLabel

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 $Infragistics \ Ultra Text Editor. \ Extends \ \underline{Managed Object}.$

Behavior Pattern: UltraLinkLabelBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText
Value	Text of the object, 'false' if text can not be read.	GetValue	SetValue

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.
<u>DoSetValue</u>	Sets text value of this object.

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Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Value

Text of the object, 'false' if text can not be read.

Accessors: GetValue, SetValue

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DoSetValue(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value to set

Returns:

'true' if success, 'false' otherwise.

UltraFormattedTextEditor

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 $In fragistics\ Ultra Formatted Text Editor.\ Extends\ \underline{Managed Object}.$

Behavior Pattern: UltraFormattedTextEditorBehavior

Property Summary

Property	Description	Getter	Setter
Text	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

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Name	Туре	Description
val	string	Text value.

'true' if success, 'false' otherwise.

UltraGrid Top Previous Next

 $Infragistics \ UltraGrid. \ Extends \ \underline{ManagedObject}.$

Behavior Pattern: UltraGridBehavior

Property Summary

Property	Description	Getter	Setter
<u>Cell</u>	Text of the specified cell.	GetCell	
ColumnCount	Number of columns in the table.	GetColumnCount	
ColumnName	Caption of a column.	GetColumnName	
RowCount	Number of rows in the table.	GetRowCount	
<u>Text</u>	Text of the currently focused cell.	GetText	

Action Summary

Action	Description
<u>DoClickCell</u>	Clicks the specified cell

Property Detail

Cell

Text of the specified cell. Accessors: GetCell

ColumnCount

Number of columns in the table. Accessors: GetColumnCount

ColumnName

Caption of a column. Accessors: GetColumnName

RowCount

Number of rows in the table. Accessors: GetRowCount

Text

Text of the currently focused cell.

Accessors: GetText

Action Detail

DoClickCell(row, col, clickType, xOffset, yOffset)

Clicks the specified cell

Parameters:

Name	Туре	Description
row	number	Zero-based index if the row.
col	number	Zero-based index of the column.
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within node. Default is a center. Optional.
yOffset	number	Y offset to click within node. Default is a center.

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Optional.

Returns:

'true' if successful, 'false' otherwise

UltraLabel Top Previous Next

Infragistics UltraLabel. Extends ManagedObject.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

UltraListBar Top Previous Next

Infragistics UltraListBar. Extends ManagedObject.

Behavior Pattern: UltraListBarControlBehavior

Property Summary

Property	Description	Getter	Setter
<u>Item</u>	Caption of the item specified by index	GetItem	
<u>ItemCount</u>	Number of items in this navigation bar.	GetItemCount	

Action Summary

Action	Description
<u>DoClickItem</u>	Performs Click on the navigation item
<u>DoExpandGroup</u>	Expand (or make active) the navigation group

Property Detail

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Item

Caption of the item specified by index

Accessors: GetItem

ItemCount

Number of items in this navigation bar. All items may then be accessed by SeS().GetItem(ind)

Accessors: GetItemCount

Action Detail

DoClickItem(nameCaptionIndex)

Performs Click on the navigation item

Parameters:

Name	Туре	Description
nameCaptionIndex	string number	index, name or caption of the item to be selected.

Returns:

'true' if successful, 'false' otherwise.

DoExpandGroup(nameCaptionIndex)

Expand (or make active) the navigation group

Parameters:

Name	Туре	Description
nameCaptionIndex	string number	index, name or caption of the item to be selected.

Returns:

'true' if successful, 'false' otherwise.

UltraListView Top Previous Next

 $Infragistics \ UltraListView. \ Extends \ \underline{ManagedObject}.$

Behavior Pattern: UltraListViewBehavior

Property Summary

Property	Description	Getter	Setter
<u>ItemCount</u>	Number of items.	GetItemCount	
<u>ItemIndexByName</u>	Returns item index by its name.	GetItemIndexByName	
ItemNameByIndex	Returns item name by its index.	GetItemNameByIndex	
SelectedIndices	Returns string of indexes delimited by separator or array of indexes of selected elements.	GetSelectedIndices	
SelectedItems	Text of all the selected items in a single string.	GetSelectedItems	
SelectionCount	Number of selected items.	GetSelectionCount	

Action Summary

Action	Description
<u>DoAddSelection</u>	Extends selection.
DoClearSelection	Clears selection.
DoRemoveSelection	Removes selection from specified items.
<u>DoSelectItem</u>	Selects items of this object.

Property Detail

ItemCount

Number of items.

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Accessors: GetItemCount

ItemIndexByName

Returns item index by its name. 'false' if name is not found.

Accessors: GetItemIndexByName

ItemNameByIndex

Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndices

Returns string of indexes delimited by separator or array of indexes of selected elements.

Accessors: GetSelectedIndices

SelectedItems

Text of all the selected items in a single string. Items are divided by ';' separator.

Accessors: GetSelectedItems

SelectionCount

Number of selected items. Accessors: GetSelectionCount

Action Detail

DoAddSelection(items, separator, itemsType)

Extends selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoClearSelection()

Clears selection.

Returns:

'true' if success, 'false' otherwise.

DoRemoveSelection(items, separator, itemsType)

Removes selection from specified items.

Parameters:

Name	Type	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

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'true' if success, 'false' otherwise.

DoSelectItem(items, separator, itemsType)

Selects items of this object. First it clears existing selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

UltraMaskedEdit Top Previous Next

 $Infragistics \ UltraMaskedEdit. \ Extends \ \underline{ManagedObject}.$

Behavior Pattern: UltraNumericEditBehavior

Property Summary

Property	Description	Getter	Setter
<u>MaxValue</u>	Maximum value of the object or 'false' if value can't be read.	GetMaxValue	SetMaxValue
<u>MinValue</u>	Minimum value of the object or 'false' if value can't be read.	GetMinValue	SetMinValue
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

MaxValue

Maximum value of the object or 'false' if value can't be read.

Accessors: GetMaxValue, SetMaxValue

MinValue

Minimum value of the object or 'false' if value can't be read.

Accessors: GetMinValue, SetMinValue

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description

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val string Text value.

Returns:

'true' if success, 'false' otherwise.

UltraNumericEditor Top Previous Next

Infragistics UltraNumericEditor. Extends ManagedObject.

Behavior Pattern: UltraNumericEditBehavior

Property Summary

Property	y Description		Setter
<u>MaxValue</u>	Maximum value of the object or 'false' if value can't be read.	GetMaxValue	SetMaxValue
<u>MinValue</u>	Minimum value of the object or 'false' if value can't be read.	GetMinValue	SetMinValue
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

MaxValue

Maximum value of the object or 'false' if value can't be read.

Accessors: GetMaxValue, SetMaxValue

MinValue

Minimum value of the object or 'false' if value can't be read.

Accessors: GetMinValue, SetMinValue

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

UltraOptionSet Top Previous Next

 $Infragistics \ Ultra Option Set \ Extends \ \underline{Managed Object}.$

Behavior Pattern: UltraOptionSetBehavior

Property Summary

Property	Description	Getter	Setter
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	
<u>SelectedItem</u>	Selected item of the object.	GetSelectedItem	

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Action Summary

Action	Description
<u>DoSelectItem</u>	Performs click on the option set item

Property Detail

SelectedIndex

Index of the selected element of the object.

Accessors: GetSelectedIndex

SelectedItem

Selected item of the object. Accessors: GetSelectedItem

Text

Text of the selected item in a single string.

Accessors: GetText

Action Detail

DoSelectItem(captionIndex)

Performs click on the option set item

Parameters:

Name	Туре	Description
captionIndex	string number	index or caption of the item to be selected.

Returns:

'true' if success, 'false' otherwise.

UltraPopupMenu

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UltraPopupMenu Extends ManagedObject.

Behavior Pattern: ManagedObjectGenericBehavior

Property Summary

Property	Description	Getter	Setter
ControlType	Type of the object.	GetControlType	
<u>Height</u>	Height of the object.	GetHeight	
Width	Width of the object.	GetWidth	
X	X-coordinate of the top left corner of the object.	GetX	
Y	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description	
<u>DoDumpWidget</u>	Dumps Spy data for the object.	
DoGetWidgetProperty	Returns the value of a property with a given name.	

Property Detail

ControlType

Type of the object.

Accessors: GetControlType

Height

Height of the object.

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Accessors: GetHeight

Width

Width of the object. Accessors: GetWidth

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoDumpWidget(dumpProperties, maxDepth, trimValue, indent, filePath, append, ignoreProps)

Dumps Spy data for the object.

Parameters:

Name	Type	Description	
dumpProperties	boolean	If 'true' then includes properties to the result. Optional, Default: false.	
maxDepth	number	Determines max recursion depth. If '0' then dumps current object only, if '1' - dumps direct children as well, etc. If '-1' then dumps the whole subtree of objects. Optional, Default: 0.	
trimValue	number	Determines maximum length of a proprty value. Excess characters are truncated. Optional, Default: 256.	
indent	string	Indentation string for child objects and properties. Optional, Default: \.	
filePath	string	If 'filePath' is set then outputs result to corresponding file. Optional.	
append	boolean	If 'true' then file should be overwritten, if 'false' then data should be appended. Optional, Default: false.	
ignoreProps	Array	Contains the names of the properties which must be ignored when writing into a file. Optional, Default: undefined.	

Returns:

Object data if 'filePath' is not set, 'true' if file write succeeded, 'false' - otherwise.

DoGetWidgetProperty(name)

Returns the value of a property with a given name. Names of available properties can be seen in Spy.

Parameters:

Name	Туре	Description
name	string	Property name.

Returns:

Property value if successful, an empty string if the property can not be found.

UltraProgressBar

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Infragistics UltraProgressBar. Extends ManagedObject.

Behavior Pattern: UltraProgressBarBehavior

Property Summary

Property	Description	Getter	Setter
MaxValue	Maximum value of the object or 'false' if value can't be read.	GetMaxValue	SetMaxValue
<u>MinValue</u>	Minimum value of the object or 'false' if value can't be read.	GetMinValue	SetMinValue
Value	Value of the object.	GetValue	SetValue

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Action Summary

Action	Description
<u>DoSetValue</u>	Sets value of this object.

Property Detail

MaxValue

Maximum value of the object or 'false' if value can't be read.

Accessors: GetMaxValue, SetMaxValue

MinValue

Minimum value of the object or 'false' if value can't be read.

Accessors: GetMinValue, SetMinValue

Value

Value of the object.

Accessors: GetValue, SetValue

Action Detail

DoSetValue(value)

Sets value of this object.

Parameters:

Name	Туре	Description
value	string	Value to set.

Returns:

'true' if successful, 'false' otherwise.

UltraTabControl Top Previous Next

 $Infragistics\ Ultra Tab Control.\ Extends\ \underline{Managed Object}.$

Behavior Pattern: UltraTabControlBehavior

Property Summary

Property	Description	Getter	Setter
<u>SelectedTab</u>	Text of the selected tab	GetSelectedTab	

Action Summary

Action	Description
<u>DoSelectTab</u>	Selects the tab by name.

Property Detail

SelectedTab

Text of the selected tab Accessors: GetSelectedTab

Action Detail

DoSelectTab(tabName)

Selects the tab by name.

Parameters:

Name	Туре	Description
tabName	string	Tab name to select

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'true' if success, 'false' otherwise.

Behavior Pattern: ManagedObjectGenericBehavior

Property Summary

Property	Description	Getter	Setter
ControlType	Type of the object.	GetControlType	
<u>Height</u>	Height of the object.	GetHeight	
Width	Width of the object.	GetWidth	
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description	
<u>DoDumpWidget</u>	Dumps Spy data for the object.	
<u>DoGetWidgetProperty</u>	Returns the value of a property with a given name.	

Property Detail

ControlType

Type of the object.
Accessors: GetControlType

Height

Height of the object. Accessors: GetHeight

Width

Width of the object. Accessors: GetWidth

X-coordinate of the top left corner of the object.

Accessors: GetX

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoDumpWidget(dumpProperties, maxDepth, trimValue, indent, filePath, append, ignoreProps)

Dumps Spy data for the object.

Parameters:

Name	Туре	Description
dumpProperties	boolean	If 'true' then includes properties to the result. Optional, Default: false.
maxDepth	number	Determines max recursion depth. If '0' then dumps current object only, if '1' - dumps direct children as well, etc. If '-1' then dumps the whole subtree of objects. Optional, Default: 0.
trimValue	number	Determines maximum length of a proprty value. Excess characters are truncated. Optional, Default: 256.
indent	string	Indentation string for child objects and properties. Optional, Default: \.
filePath	string	If 'filePath' is set then outputs result to corresponding file. Optional.
append	boolean	If 'true' then file should be overwritten, if 'false' then data should be appended. Optional, Default: false.
ignoreProps	Array	Contains the names of the properties which must be ignored when writing into a file. Optional, Default: undefined.

Returns:

3/29/2012 Page 33 of 757 Object data if 'filePath' is not set, 'true' if file write succeeded, 'false' - otherwise.

DoGetWidgetProperty(name)

Returns the value of a property with a given name. Names of available properties can be seen in Spy.

Parameters:

Name	Туре	Description
name	string	Property name.

Returns:

Property value if successful, an empty string if the property can not be found.

UltraTextEditor Top Previous Next

Infragistics UltraTextEditor. Extends ManagedObject.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
Text	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

UltraTimeZoneEditor

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 $Infragistics\ UltraTimeZoneEditor.\ Extends\ \underline{ManagedObject}.$

Behavior Pattern: UltraComboBoxBehavior

Property Summary

Property	Description	Getter	Setter
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
<u>SelectedItem</u>	Selected item of the object.	GetSelectedItem	SetSelectedItem
Text	Text of the object, 'false' if text can not be read.	GetText	SetText

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Action Summary

Action	Description
<u>DoSelectItem</u>	Selects an item of this object.

Property Detail

SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

SelectedItem

Selected item of the object.

Accessors: GetSelectedItem, SetSelectedItem

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSelectItem(item)

Selects an item of this object.

Parameters:

Name	Туре	Description
item	string number	Item index or text value to select.

Returns:

'true' if success, 'false' otherwise.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
Text	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

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Infragistics UltraTree. Extends ManagedObject.

Behavior Pattern: UltraTreeBehavior

Property Summary

Property	Description	Getter	Setter
<u>CellText</u>	Cell text for the cell specified by rowPath and col	GetCellText	
Checked	Checked state of the selected node or a node specified by the input parameters.	GetChecked	
ChildrenCount	Number of children of the selected node or a node specified by the input parameters.	GetChildrenCount	
Expanded	Expanded state of the selected node or a node specified by the input parameters.	GetExpanded	
<u>IndexPath</u>	Index path of the specified or selected tree node i.e.	GetIndexPath	
NodeText	Text of the selected node or a node specified by the input parameters.	GetNodeText	
Selected	Selected state of the selected node or a node specified by the input parameters	GetSelected	
Text	;-combined text of all selected nodes.	GetText	

Action Summary

Action	Description
<u>DoClickCell</u>	Click the cell specified by row name or index and column name or index
<u>DoClickNode</u>	Clicks specific node in the tree.
<u>DoCollapse</u>	Collapses specific node in the tree.
DoExpand	Expands specific node in the tree.
DoSetCheck	Set 'checked' state of the specified node

Property Detail

CellText

Cell text for the cell specified by rowPath and col

Accessors: GetCellText

Checked

Checked state of the selected node or a node specified by the input parameters.

Accessors: GetChecked

ChildrenCount

Number of children of the selected node or a node specified by the input parameters.

Accessors: GetChildrenCount

Expanded

Expanded state of the selected node or a node specified by the input parameters.

Accessors: GetExpanded

IndexPath

Index path of the specified or selected tree node i.e. string in form '0;5;2;1;6', 'false' if fails

Accessors: GetIndexPath

NodeText

Text of the selected node or a node specified by the input parameters.

Accessors: GetNodeText

Selected

Selected state of the selected node or a node specified by the input parameters

Accessors: GetSelected

Text

;-combined text of all selected nodes.

Accessors: GetText

Action Detail

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DoClickCell(rowPath, col, clickType, xOffset, yOffset)

Click the cell specified by row name or index and column name or index

Parameters:

Name	Туре	Description
rowPath	string number	Path of the top level node to select. If integer number is passed then the top level node is searched by index.
col	number string	Column index or column name
clickType		
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if success, 'false' otherwise.

DoClickNode(path, separator, pathType, column, clickType, xOffset, yOffset)

Clicks specific node in the tree.

Parameters:

Name	Туре	Description	
path	string	Path of the node	
separator	string	Separator Optional, Default: ;.	
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.	
column	number string	Column index or column name. Default is 0 Optional.	
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.	
xOffset	number	X offset to click within node. Default is a center. Optional.	
yOffset	number	Y offset to click within node. Default is a center. Optional.	

Returns:

'true' if success, 'false' otherwise.

DoCollapse(path, separator, pathType)

Collapses specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoExpand(path, separator, pathType)

Expands specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.

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pathType	string	Path type. Can be one of 'name', 'id' or 'index'.
		Optional, Default: name.

'true' if success, 'false' otherwise.

DoSetCheck(bcheck, path, separator, pathType)

Set 'checked' state of the specified node

Parameters:

Name	Туре	Description
bcheck	boolean	Check state to set
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

ValueListDropDownUnsafe

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 $Infragistics\ Value List Drop Down Unsafe.\ Extends\ \underline{Managed Object}.$

Behavior Pattern: ManagedComboltemBehavior

Behavior Pattern: ManagedObjectGenericBehavior

Property Summary

Property	Description	Getter	Setter
ControlType	Type of the object.	GetControlType	
<u>Height</u>	Height of the object.	GetHeight	
Width	Width of the object.	GetWidth	
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
DoDumpWidget	Dumps Spy data for the object.
<u>DoGetWidgetProperty</u>	Returns the value of a property with a given name.

Property Detail

ControlType

Type of the object.

Accessors: GetControlType

Height

Height of the object. Accessors: GetHeight

Width

Width of the object. Accessors: GetWidth

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

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Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoDumpWidget(dumpProperties, maxDepth, trimValue, indent, filePath, append, ignoreProps)

Dumps Spy data for the object.

Parameters:

Name	Туре	Description	
dumpProperties	boolean	If 'true' then includes properties to the result. Optional, Default: false.	
maxDepth	number	Determines max recursion depth. If '0' then dumps current object only, if '1' - dumps direct children as well, etc. If '-1' then dumps the whole subtree of objects. Optional, Default: 0.	
trimValue	number	Determines maximum length of a proprty value. Excess characters are truncated. Optional, Default: 256.	
indent	string	Indentation string for child objects and properties. Optional, Default: \.	
filePath	string	If 'filePath' is set then outputs result to corresponding file. Optional.	
append	boolean	If 'true' then file should be overwritten, if 'false' then data should be appended. Optional, Default: false.	
ignoreProps	Array	Contains the names of the properties which must be ignored when writing into a file. Optional, Default: undefined.	

Returns:

Object data if 'filePath' is not set, 'true' if file write succeeded, 'false' - otherwise.

DoGetWidgetProperty(name)

Returns the value of a property with a given name. Names of available properties can be seen in Spy.

Parameters:

Name	Туре	Description
name	string	Property name.

Returns:

Property value if successful, an empty string if the property can not be found.

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Managed Button. Extends ManagedObject.

Behavior Pattern: ManagedObjectButtonBehavior

ManagedCheckBox

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 ${\bf Managed\ CheckBox.\ Extends\ \underline{ManagedObject}}.$

Behavior Pattern: ManagedObjectCheckableBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Action Summary

Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

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Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise. Accessors: GetChecked, SetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

${\bf Managed Checked List Box}$

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Managed Checked ListBox. Extends ManagedObject.

Behavior Pattern: ManagedObjectCheckedListBoxSelectableBehavior

Property Summary

Property	Description	Getter	Setter
CheckedCount	Returns number of checked items in ListView.	GetCheckedCount	
CheckedIndices	Array of indices of checked elements.	GetCheckedIndices	
CheckedItems	Array of item names of checked elements.	GetCheckedItems	
<u>ItemCount</u>	Number of items.	GetItemCount	
<u>ItemIndexByName</u>	Returns item index by its name.	GetItemIndexByName	
ItemNameByIndex	Returns item name by its index.	GetItemNameByIndex	
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedIndices	Returns string of indexes delimited by separator or array of indexes of selected elements.	GetSelectedIndices	
SelectedItems	Text of all the selected items in a single string.	GetSelectedItems	
SelectedText	Text of the selected item in a single string.	GetSelectedText	
<u>SelectionCount</u>	Number of selected items.	GetSelectionCount	

Action Summary

Action	Description
<u>DoAddSelection</u>	Extends selection.
<u>DoCheckItem</u>	Checks items of this object.
<u>DoClearSelection</u>	
<u>DoRemoveSelection</u>	Removes selection from specified items.
<u>DoSelectItem</u>	Selects items of this object.
DoSetCheck	Sets 'checked' state of the specified node.

Property Detail

CheckedCount

Returns number of checked items in ListView.

Accessors: GetCheckedCount

CheckedIndices

Array of indices of checked elements. Accessors: GetCheckedIndices

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CheckedItems

Array of item names of checked elements.

Accessors: GetCheckedItems

ItemCount

Number of items.

Accessors: GetItemCount

ItemIndexByName

Returns item index by its name. 'false' if name is not found.

Accessors: GetItemIndexByName

ItemNameByIndex

Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

SelectedIndices

Returns string of indexes delimited by separator or array of indexes of selected elements.

Accessors: GetSelectedIndices

SelectedItems

Text of all the selected items in a single string. Items are divided by ';' separator.

Accessors: GetSelectedItems

SelectedText

Text of the selected item in a single string.

Accessors: GetSelectedText

SelectionCount

Number of selected items. Accessors: GetSelectionCount

Action Detail

DoAddSelection(items, separator, itemsType)

Extends selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoCheckItem(items, separator, itemsType)

Checks items of this object.

Parameters:

Name	Туре	Description
items		Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
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separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

'true' if success, 'false' otherwise.

DoClearSelection()

DoRemoveSelection(items, separator, itemsType)

Removes selection from specified items.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoSelectItem(items, separator, itemsType)

Selects items of this object. First it clears existing selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is 'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoSetCheck(bcheck, items, separator, itemsType)

Sets 'checked' state of the specified node.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator

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	Optional, Default: ;.
itemsType	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

'true' if success, 'false' otherwise.

ManagedComboBox

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 ${\bf Managed\ ComboBox.\ Extends\ \underline{ManagedObject}}.$

Behavior Pattern: ManagedObjectSelectableBehavior

Property Summary

Property	Description	Getter	Setter
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedText	Text of the selected item in a single string.	GetSelectedText	SetSelectedText

Action Summary

Action	Description
DoSelectItem	Selects an item of this object.

Property Detail

SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

SelectedText

Text of the selected item in a single string. Accessors: GetSelectedText, SetSelectedText

Action Detail

DoSelectItem(item)

Selects an item of this object.

Parameters:

Name	Туре	Description
item	string number	Item index or text value to select.

Returns:

'true' if success, 'false' otherwise.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

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Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

ManagedDataGridView

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 $Managed\ DataGridView.\ Extends\ \underline{ManagedObject}.$

Behavior Pattern: ManagedDataGridViewBehavior

Property Summary

Property	Description	Getter	Setter
Cell	Text of the specified cell.	GetCell	
ColumnCount	Number of columns in the table.	GetColumnCount	
ColumnName	Caption of a column.	GetColumnName	
RowCount	Number of rows in the table.	GetRowCount	
Text	Text of the currently focused cell.	GetText	

Action Summary

Action	Description
DoClickCell	Clicks the specified cell

Property Detail

Cell

Text of the specified cell. Accessors: GetCell

ColumnCount

Number of columns in the table. Accessors: GetColumnCount

ColumnName

Caption of a column.
Accessors: GetColumnName

RowCount

Number of rows in the table. Accessors: GetRowCount

Text

Text of the currently focused cell.

Accessors: GetText

Action Detail

DoClickCell(row, col, clickType, xOffset, yOffset)

Clicks the specified cell

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Parameters:

Name	Туре	Description
row	number	Zero-based index if the row.
col	number	Zero-based index of the column.
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within node. Default is a center. Optional.
yOffset	number	Y offset to click within node. Default is a center. Optional.

Returns:

'true' if successful, 'false' otherwise

ManagedLabel Top Previous Next

Managed Label. Extends ManagedObject.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

ManagedLinkLabel

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Managed Link Label. Extends ManagedObject.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

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Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

ManagedListBox

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Managed ListBox. Extends ManagedObject.

Behavior Pattern: ManagedObjectListBoxSelectableBehavior

Property Summary

Property	Description	Getter	Setter
<u>ItemCount</u>	Number of items.	GetItemCount	
<u>ItemIndexByName</u>	Returns item index by its name.	GetItemIndexByName	
ItemNameByIndex	Returns item name by its index.	GetItemNameByIndex	
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedIndices	Returns string of indexes delimited by separator or array of indexes of selected elements.	GetSelectedIndices	
SelectedItems	Text of all the selected items in a single string.	GetSelectedItems	
SelectedText	Text of the selected item in a single string.	GetSelectedText	
SelectionCount	Number of selected items.	GetSelectionCount	

Action Summary

Action	Description
DoAddSelection	Extends selection.
<u>DoClearSelection</u>	
<u>DoRemoveSelection</u>	Removes selection from specified items.
<u>DoSelectItem</u>	Selects items of this object.

Property Detail

ItemCount

Number of items. Accessors: GetItemCount

ItemIndexByName

Returns item index by its name. 'false' if name is not found.

Accessors: GetItemIndexByName

ItemNameByIndex

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Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

SelectedIndices

Returns string of indexes delimited by separator or array of indexes of selected elements.

Accessors: GetSelectedIndices

SelectedItems

Text of all the selected items in a single string. Items are divided by ';' separator.

Accessors: GetSelectedItems

SelectedText

Text of the selected item in a single string.

Accessors: GetSelectedText

SelectionCount

Number of selected items. Accessors: GetSelectionCount

Action Detail

DoAddSelection(items, separator, itemsType)

Extends selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoClearSelection()

DoRemoveSelection(items, separator, itemsType)

Removes selection from specified items.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

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DoSelectItem(items, separator, itemsType)

Selects items of this object. First it clears existing selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

ManagedListView

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Managed ListView. Extends ManagedObject.

Behavior Pattern: ManagedObjectListViewSelectableBehavior

Property Summary

Property	Description	Getter	Setter
CheckBoxes	Returns true if items have checkboxes near them.	GetCheckBoxes	
CheckedCount	Returns number of checked items in ListView.	GetCheckedCount	
CheckedIndices	Array of indices of checked elements.	GetCheckedIndices	
<u>ItemCount</u>	Number of items.	GetItemCount	
<u>ItemIndexByName</u>	Returns item index by its name.	GetItemIndexByName	
ItemNameByIndex	Returns item name by its index.	GetItemNameByIndex	
SelectedIndices	Returns string of indexes delimited by separator or array of indexes of selected elements.	GetSelectedIndices	
SelectedItems	Text of all the selected items in a single string.	GetSelectedItems	
SelectionCount	Number of selected items.	GetSelectionCount	

Action Summary

Action	Description
<u>DoAddSelection</u>	Extends selection.
DoCheckItem	Checks items of this object.
<u>DoClearSelection</u>	Clears selection.
DoRemoveSelection	Removes selection from specified items.
<u>DoSelectItem</u>	Selects items of this object.
<u>DoSetCheck</u>	Sets 'checked' state of the specified node.

Property Detail

CheckBoxes

Returns true if items have checkboxes near them.

Accessors: GetCheckBoxes

CheckedCount

Returns number of checked items in ListView.

Accessors: GetCheckedCount

CheckedIndices

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Array of indices of checked elements. Accessors: GetCheckedIndices

ItemCount

Number of items.

Accessors: GetItemCount

ItemIndexByName

Returns item index by its name. 'false' if name is not found.

Accessors: GetItemIndexByName

ItemNameByIndex

Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndices

Returns string of indexes delimited by separator or array of indexes of selected elements.

Accessors: GetSelectedIndices

SelectedItems

Text of all the selected items in a single string. Items are divided by ';' separator.

Accessors: GetSelectedItems

SelectionCount

Number of selected items. Accessors: GetSelectionCount

Action Detail

DoAddSelection(items, separator, itemsType)

Extends selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoCheckItem(items, separator, itemsType)

Checks items of this object.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

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'true' if success, 'false' otherwise.

DoClearSelection()

Clears selection.

Returns:

'true' if success, 'false' otherwise.

DoRemoveSelection(items, separator, itemsType)

Removes selection from specified items.

Parameters:

Name	Туре	Description	
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.	
separator	string	Separator Optional, Default: ;.	
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names is index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If a value is passed as 'itemsType'the behavior is undefined. Optional.	

Returns:

'true' if success, 'false' otherwise.

DoSelectItem(items, separator, itemsType)

Selects items of this object. First it clears existing selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoSetCheck(bcheck, items, separator, itemsType)

Sets 'checked' state of the specified node.

Parameters:

Name	Туре	Description	
bcheck	boolean	Desired check state for the button.	
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.	
separator	string	Separator Optional, Default: ;.	
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any ot value is passed as 'itemsType'the behavior is undefined. Optional.	

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'true' if success, 'false' otherwise.

ManagedMenuPopupItem

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Managed MenuPopupItem. Extends ManagedObject.

Behavior Pattern: ManagedMenuItemBehavior

Action Summary

Action	Description
<u>DoMenu</u>	Performs click on the menu item.

Action Detail

DoMenu(path, separator)

Performs click on the menu item.

Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
separator	string	Separator Optional, Default: ;.

Returns:

'true' if success, 'false' otherwise.

ManagedMenuStrip

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 ${\bf Managed\ MenuStrip.\ Extends\ \underline{ManagedObject}}.$

Behavior Pattern: ManagedMenuBehavior

Action Summary

Action	Description
<u>DoClickItem</u>	Perform Click on the navigation item
DoMenu	Performs click on the menu item.

Action Detail

DoClickItem(menuItemName)

Perform Click on the navigation item

Parameters:

Name	Туре	Description
menultemName	string	Name of MenuStip's item to click

Returns:

'true' if success, 'false' otherwise.

DoMenu(path, separator)

Performs click on the menu item.

Parameters:

me Type Description

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path	string	Path of the menu item to select.
separator	string	Separator Optional, Default: ;.

'true' if success, 'false' otherwise.

ManagedObject Top Previous Next

Generic .NET Managed Object.

Behavior Pattern: ManagedObjectGenericBehavior

Property Summary

Property	Description	Getter Setter	
ControlType	Type of the object.	GetControlType	
<u>Height</u>	Height of the object.	GetHeight	
Width	Width of the object.	GetWidth	
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoDumpWidget</u>	Dumps Spy data for the object.
<u>DoGetWidgetProperty</u>	Returns the value of a property with a given name.

Property Detail

ControlType

Type of the object.

Accessors: GetControlType

Height

Height of the object. Accessors: GetHeight

Width

Width of the object. Accessors: GetWidth

Χ

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoDumpWidget(dumpProperties, maxDepth, trimValue, indent, filePath, append, ignoreProps)

Dumps Spy data for the object.

Parameters:

Name	Туре	Description	
dumpProperties	boolean	If 'true' then includes properties to the result. Optional, Default: false.	
maxDepth	number	Determines max recursion depth. If '0' then dumps current object only, if '1' - dumps direct children as well, etc. If '-1' then dumps the whole subtree of objects. Optional, Default: 0.	
trimValue	number	Determines maximum length of a proprty value. Excess characters are truncated. Optional, Default: 256.	

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indent	string	Indentation string for child objects and properties. Optional, Default: \.
filePath	string	If 'filePath' is set then outputs result to corresponding file. Optional.
append	boolean	If 'true' then file should be overwritten, if 'false' then data should be appended. Optional, Default: false.
ignoreProps	Array	Contains the names of the properties which must be ignored when writing into a file. Optional, Default: undefined.

Object data if 'filePath' is not set, 'true' if file write succeeded, 'false' - otherwise.

DoGetWidgetProperty(name)

Returns the value of a property with a given name. Names of available properties can be seen in Spy.

Parameters:

Name	Туре	Description
name	string	Property name.

Returns:

Property value if successful, an empty string if the property can not be found.

ManagedPropertyGrid

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Managed PropertyGrid. Extends ManagedObject.

Behavior Pattern: ManagedPropertyGridBehavior

Property Summary

Property	Description	Getter	Setter
Expanded	True if selected item is expanded	GetExpanded	
SelectedItem	Returns the structure with label, value, expanded fields	GetSelectedItem	
SelectedLabel	Label of the selected item.	GetSelectedLabel	
SelectedText	Text of the selected item.	GetSelectedText	
VisibleRowCount	Number of visible rows	GetVisibleRowCount	

Action Summary

Action	Description
<u>DoCollapse</u>	Collapses an item of this object.
DoExpand	Expands an item of this object.
DoSelectItem	Selects an item of this object.
<u>DoSetValue</u>	Sets value of an grid item of this object.

Property Detail

Expanded

True if selected item is expanded Accessors: GetExpanded

SelectedItem

Returns the structure with label, value, expanded fields

Accessors: GetSelectedItem

SelectedLabel

Label of the selected item.
Accessors: GetSelectedLabel

SelectedText

Text of the selected item. Accessors: GetSelectedText

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VisibleRowCount

Number of visible rows

Accessors: GetVisibleRowCount

Action Detail

DoCollapse(val)

Collapses an item of this object.

Parameters:

Name	Туре	Description
val	string	name/index of the value to Collapse.
	number	

Returns:

'true' if success, 'false' otherwise.

DoExpand(val)

Expands an item of this object.

Parameters:

Name	Туре	Description
val	string number	name/index of the value to Expand.

Returns:

'true' if success, 'false' otherwise.

DoSelectItem(indexLabel)

Selects an item of this object.

Parameters:

Name	Туре	Description
indexLabel	string number	name/index of the value to select.

Returns:

'true' if success, 'false' otherwise.

DoSetValue(label, val)

Sets value of an grid item of this object.

Parameters:

Name	Туре	Description
label	string number	Property grid row label or index
val	string number	value to set

Returns:

'true' if success, 'false' otherwise.

${\bf Managed Radio Button}$

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Managed Radio Button. Extends ManagedObject.

Behavior Pattern: ManagedObjectCheckableBehavior

Property Summary

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Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Action Summary

Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise. Accessors: GetChecked, SetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

ManagedTextBox

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Managed Text Editor. Extends ManagedObject.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

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ManagedTreeView Top Previous Next

Managed TreeView. Extends ManagedObject.

Behavior Pattern: ManagedObjectTreeViewBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Checked state of the selected node or a node specified by the input parameters.	GetChecked	
<u>ChildrenCount</u>	Number of children of the selected node or a node specified by the input parameters.	GetChildrenCount	
Expanded	Expanded state of the selected node or a node specified by the input parameters.	GetExpanded	
IndexPath	Index path of the specified or selected tree node i.e.	GetIndexPath	
NodeText	Text of the selected node or a node specified by the input parameters.	GetNodeText	
Selected	Selected state of the selected node or a node specified by the input parameters	GetSelected	
Text	;-combined text of all selected nodes.	GetText	

Action Summary

Action	Description
<u>DoClickNode</u>	Clicks specific node in the tree.
DoCollapse	Collapses specific node in the tree.
DoExpand	Expands specific node in the tree.
DoSetCheck	Set 'checked' state of the specified node

Property Detail

Checked

Checked state of the selected node or a node specified by the input parameters.

Accessors: GetChecked

ChildrenCount

Number of children of the selected node or a node specified by the input parameters.

Accessors: GetChildrenCount

Expanded

Expanded state of the selected node or a node specified by the input parameters.

Accessors: GetExpanded

IndexPath

Index path of the specified or selected tree node i.e. string in form '0;5;2;1;6', 'false' if fails

Accessors: GetIndexPath

NodeText

Text of the selected node or a node specified by the input parameters.

Accessors: GetNodeText

Selected

Selected state of the selected node or a node specified by the input parameters

Accessors: GetSelected

Text

;-combined text of all selected nodes.

Accessors: GetText

Action Detail

DoClickNode(path, separator, pathType, xOffset, yOffset)

Clicks specific node in the tree.

Parameters:

Name	Туре	Description

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path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.
xOffset	number	X offset to click within node. Default is a center. Optional.
yOffset	number	Y offset to click within node. Default is a center. Optional.

'true' if success, 'false' otherwise.

DoCollapse(path, separator, pathType)

Collapses specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoExpand(path, separator, pathType)

Expands specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoSetCheck(bcheck, path, separator, pathType)

Set 'checked' state of the specified node

Parameters:

Name	Туре	Description
bcheck	boolean	Check state to set
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

YUIButtonMenu Top Previous Next

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Behavior Pattern: YUIButtonMenuBehavior

Action Summary

Action	Description
<u>DoClick</u>	Clicks on the menu container.

Action Detail

DoClick()

Clicks on the menu container.

Returns:

'true' if successful, 'false' otherwise

YUICalendar Top Previous Next

YUI Calendar. Extends HTMLObject.

Behavior Pattern: YUICalendarBehavior

Property Summary

Property	Description	Getter	Setter
<u>Month</u>	Current month displayed by the date picker.	GetMonth	

Action Summary

Action	Description	
<u>DoNextMonth</u>	Clicks on 'Next Month' selector.	
<u>DoPrevMonth</u>	Clicks on 'Previous Month' selector.	
<u>DoSelectDate</u>	Selects specific date in the date picker.	

Property Detail

Month

Current month displayed by the date picker.

Accessors: GetMonth

Action Detail

DoNextMonth()

Clicks on 'Next Month' selector.

Returns:

'true' if success, 'false' otherwise

DoPrevMonth()

Clicks on 'Previous Month' selector.

Returns:

'true' if success, 'false' otherwise

DoSelectDate(dateValue)

Selects specific date in the date picker.

Parameters:

Name	Туре	Description
dateValue	Date	New date to select

Returns:

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YUICheckButton Top Previous Next

YUI CheckButton. Extends HTMLObject.

Behavior Pattern: YUICheckButtonBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	

Action Summary

Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise. Accessors: GetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

YUIMenu Top Previous Next

YUI Menu. Extends HTMLObject.

Behavior Pattern: YUIMenuBehavior

Action Summary

Action	Description
<u>DoFindChild</u>	Searches for specific item in the menu.
DoMenu	Performs click on the menu item.
<u>DoTitleMenu</u>	Clicks menu title item.

Action Detail

DoFindChild(path, separator, pathType)

Searches for specific item in the menu.

Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
separator	string	Separator Optional, Default: ;.

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		I .
pathType	string	Path type. Can be one of 'name', 'index'.
patiffypc	Julig	i atti type. Out be one of flame, mack.

HTMLObject of the found node

DoMenu(path, separator, pathType)

Performs click on the menu item.

Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'index'.

Returns:

'true' if success, 'false' otherwise.

DoTitleMenu(path, separator, pathType)

Clicks menu title item. Only 1 menu level currently supported.

Parameters:

Name	Type	Description
path	string	Path of the menu item to select.
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'index'.

Returns:

'true' if success, 'false' otherwise.

YUIMenuBar Top Previous Next

YUI MenuBar. Extends HTMLObject.

Behavior Pattern: YUIMenuBarBehavior

Action Summary

Action	Description	
<u>DoFindChild</u>	Searches for specific item in the menu.	
DoMenu	Performs click on the menu item.	

Action Detail

DoFindChild(path, separator, pathType)

Searches for specific item in the menu.

Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'index'.

Returns:

HTMLObject of the found node

DoMenu(path, separator, pathType)

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Performs click on the menu item.

Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'index'.

Returns:

'true' if success, 'false' otherwise.

YUIMenuButton Top Previous Next

YUI MenuButton. Extends HTMLObject.

Behavior Pattern: YUIMenuButtonBehavior

Property Summary

Property	Description	Getter	Setter
<u>Active</u>	Active state of the button.	GetActive	

Action Summary

Action	Description
DoClick	Clicks the menu button.

Property Detail

Active

Active state of the button. If the button is active it is highlighted in YUI. Usually to make an object Active user needs to move mouse over the object Accessors: GetActive

Action Detail

DoClick()

Clicks the menu button.

Returns:

'true' if successful, 'false' otherwise

YUIPushButton Top Previous Next

YUI PushButton. Extends HTMLObject.

Behavior Pattern: YUIPushButtonBehavior

YUIRadioButton Top Previous Next

YUI RadioButton. Extends HTMLObject.

Behavior Pattern: YUIRadioButtonBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	

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Action Summary

Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise.

Accessors: GetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

YUISliderH Top Previous Next

YUI Horizontal Slider. Extends HTMLObject.

Behavior Pattern: YUISliderHBehavior

Action Summary

Action	Description
<u>DoChange</u>	Changes slider position.

Action Detail

DoChange(value)

Changes slider position.

Parameters:

Name	Туре	Description
value	number	Slider position to set.

Returns:

'true' if successful, 'false' otherwise

YUISliderV Top Previous Next

YUI Vertical Slider. Extends $\underline{\mathsf{HTMLObject}}.$

Behavior Pattern: YUISliderVBehavior

Action Summary

Action	Description
<u>DoChange</u>	Changes slider position.

Action Detail

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DoChange(value)

Changes slider position.

Parameters:

Name	Туре	Description
value	number	Slider position to set.

Returns:

'true' if successful, 'false' otherwise

YUISplitButton Top Previous Next

Standard YUI SplitButton. Extends HTMLObject.

Behavior Pattern: YUISplitButtonBehavior

Property Summary

Property	Description	Getter	Setter
Active	Active state of the button.	GetActive	

Action Summary

Action	Description	
DoClick	Clicks the button.	
DoMenu	Clicks menu of the split button.	

Property Detail

Active

Active state of the button. If the button is active it is highlighted in YUI. Usually to make an object Active user needs to move mouse over the object. Accessors: GetActive

Action Detail

DoClick(x, y)

Clicks the button.

Parameters:

Name	Туре	Description
х	number	x coordinate to click Optional.
у	number	y coordinate to click Optional.

Returns:

'true' if successful, 'false' otherwise

DoMenu()

Clicks menu of the split button.

Returns:

'true' if successful, 'false' otherwise

YUITree Top Previous Next

YUI Tree. Extends HTMLObject.

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Behavior Pattern: YUITreeBehavior

Property Summary

Property	Description	Getter	Setter
<u>ChildrenCount</u>	Children count of the current node in the tree.	GetChildrenCount	
Expanded	Expanded state of the current node.	GetExpanded	
NodeIndex	Zero based index of the current node.	GetNodeIndex	
NodeText	Text of the current node.	GetNodeText	
Selected	Selected state of the current node.	GetSelected	
<u>SelectedNodeText</u>	Text of the selected node.	GetSelectedNodeText	

Action Summary

Action	Description
<u>DoClickNode</u>	Clicks specific node in the tree.
<u>DoCollapse</u>	Collapses specific node in the tree.
<u>DoExpand</u>	Expands specific node in the tree.
<u>DoFindChild</u>	Finds child node by its path from the current node and remembers it as the current node.
<u>DoFindNode</u>	Searches for specific node in the tree and remembers it as the current node.
<u>DoGetPath</u>	Returns path to the current node.

Property Detail

ChildrenCount

Children count of the current node in the tree.

Accessors: GetChildrenCount

Expanded

Expanded state of the current node. Use DoFindNode to set current node. 0 - if the node is collapsed, 1 - if the node is expanded, 2 - if the node is a leaf.

Accessors: GetExpanded

NodeIndex

Zero based index of the current node. Use DoFindNode to set current node.

Accessors: GetNodeIndex

NodeText

Text of the current node. Use DoFindNode to set current node.

Accessors: GetNodeText

Selected

Selected state of the current node. Use DoFindNode to set current node. 'true' if the node is selected, 'false' otherwise.

Accessors: GetSelected

SelectedNodeText

Text of the selected node.

Accessors: GetSelectedNodeText

Action Detail

DoClickNode(path, separator, pathType)

Clicks specific node in the tree.

Parameters:

Name	Type	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoCollapse(path, separator, pathType)

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Collapses specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoExpand(path, separator, pathType)

Expands specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoFindChild(path, separator, pathType, expand)

Finds child node by its path from the current node and remembers it as the current node. If current node is not set then Root node is used.

Parameters:

Name	Туре	Description	
path	string	Path of the node	
separator	string	Separator Optional, Default: ;.	
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.	
expand	boolean	is set to true, then found node is expanded	

Returns:

HTMLObject of the found node

DoFindNode(path, separator, pathType, expand)

Searches for specific node in the tree and remembers it as the current node.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.
expand	boolean	is set to true, then found node is expanded

Returns:

HTMLObject of the found node

DoGetPath(pathType, separator)

Returns path to the current node.

Parameters:

Name	Туре	Description	
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.	
separator	string	Separator Optional, Default: ;.	

Path to the current node

SimpleButton Top Previous Next

Button control.

Behavior Pattern: SimplePressable

Action Summary

Action	Description
<u>DoAction</u>	Presses button using mouse click or default action.

Action Detail

DoAction()

Presses button using mouse click or default action.

SimpleButtonDropdown

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Check button control.

Behavior Pattern: SimplePressable

Action Summary

Action	Description
<u>DoAction</u>	Presses button using mouse click or default action.

Action Detail

DoAction()

Presses button using mouse click or default action.

Behavior Pattern: SimpleDropdown

Action Summary

Action	Description
<u>DoDropdown</u>	Opens dropdown.

Action Detail

DoDropdown()

Opens dropdown.

SimpleCheckButton

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Behavior Pattern: Win32CheckBox

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SimpleComboBox Top Previous Next

ComboBox control.

Behavior Pattern: Win32ItemSelectable

Action Summary

Action	Description
DoSelectItem	Selects item of this object.

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

Returns:

'true' if operation is successful, 'false' otherwise

Behavior Pattern: Win32ItemCombo

Action Summary

Action	Description
<u>DoSelectItem</u>	Selects item of this object.

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string	This is a name of item to select.

Returns:

'true' if operation is successful, 'false' otherwise

SimpleGraphics

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Graphics control.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	

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State	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
Y	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white). Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

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WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

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DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

SimpleLink Top Previous Next

Link control.

Behavior Pattern: Win32Pressable

Action Summary

Action	Description
<u>DoAction</u>	Presses the button.

Action Detail

DoAction()

Presses the button.

SimpleLinkText Top Previous Next

Link text control.

Behavior Pattern: Win32Pressable

Action Summary

Action	Description	
DoAction	Presses the button.	

Action Detail

DoAction()

Presses the button.

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SimpleList Top Previous Next

List control.

Behavior Pattern: Win32ItemSelectable

Action Summary

Action	Description	
<u>DoSelectItem</u>	Selects item of this object.	

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

Returns:

'true' if operation is successful, 'false' otherwise

Behavior Pattern: Win32ItemExpandable

Action Summary

Action	Description
<u>DoExpand</u>	Expands an item of this object.

Action Detail

DoExpand(itemName)

Expands an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to expand

Returns:

'true' if operation was successful, 'false' otherwise

Behavior Pattern: Win32ItemCheckable

Action Summary

Action	Description
DoCheckItem	Checks an item of this object.

Action Detail

DoCheckItem(itemName)

Checks an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to check

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SimpleOutline

Outline control.

Behavior Pattern: Win32ItemSelectable

Action Summary

Action	Description
DoSelectItem	Selects item of this object.

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

Returns:

'true' if operation is successful, 'false' otherwise

Behavior Pattern: Win32ItemExpandable

Action Summary

Action	Description
<u>DoExpand</u>	Expands an item of this object.

Action Detail

DoExpand(itemName)

Expands an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to expand

Returns:

'true' if operation was successful, 'false' otherwise

Behavior Pattern: Win32ItemCheckable

Action Summary

Action	Description
DoCheckItem	Checks an item of this object.

Action Detail

DoCheckItem(itemName)

Checks an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to check

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SimpleRadioButton

Static text control.

Behavior Pattern: Win32Radio

SimpleText Top Previous Next

Behavior Pattern: Win32TextEditable

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

JavaButton Top Previous Next

Java Button. Extends JavaObject.

Behavior Pattern: JavaObjectButtonBehavior

JavaCheckBox Top Previous Next

Java CheckBox. Extends JavaObject.

Behavior Pattern: JavaObjectCheckableBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

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Action Summary

Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise. Accessors: GetChecked, SetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

JavaChoice Top Previous Next

Java Choice. Extends JavaObject.

Behavior Pattern: JavaObjectSelectableBehavior

Property Summary

Property	Description	Getter	Setter
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedText	Text of the selected item in a single string.	GetSelectedText	SetSelectedText

Action Summary

Action	Description
DoSelectItem	Selects an item of this object.

Property Detail

SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

SelectedText

Text of the selected item in a single string. Accessors: GetSelectedText, SetSelectedText

Action Detail

DoSelectItem(item)

Selects an item of this object.

Parameters:

Name	Туре	Description
item	string number	Item index or text value to select.

Returns:

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JavaLabel Top Previous Next

Java Label. Extends JavaObject.

Behavior Pattern: JavaObjectLabelBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText

JavaList Top Previous Next

Java List. Extends JavaObject.

Behavior Pattern: JavaObjectListSelectableBehavior

Property Summary

Property	Description	Getter	Setter
<u>ItemCount</u>	Number of items.	GetItemCount	
<u>ItemIndexByName</u>	Returns item index by its name.	GetItemIndexByName	
<u>ItemNameByIndex</u>	Returns item name by its index.	GetItemNameByIndex	
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedIndices	Returns string of indexes delimited by separator or array of indexes of selected elements.	GetSelectedIndices	
SelectedItems	Text of all the selected items in a single string.	GetSelectedItems	
SelectedText	Text of the selected item in a single string.	GetSelectedText	
SelectionCount	Number of selected items.	GetSelectionCount	

Action Summary

Action	Description
DoAddSelection	Extends selection.
<u>DoClearSelection</u>	Clears selection.
<u>DoRemoveSelection</u>	Removes selection from specified items.
<u>DoSelectItem</u>	Selects items of this object.

Property Detail

ItemCount

Number of items. Accessors: GetItemCount

ItemIndexByName

Returns item index by its name. 'false' if name is not found.

Accessors: GetItemIndexByName

ItemNameByIndex

Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndex

Index of the selected element of the object.

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Accessors: GetSelectedIndex, SetSelectedIndex

SelectedIndices

Returns string of indexes delimited by separator or array of indexes of selected elements.

Accessors: GetSelectedIndices

SelectedItems

Text of all the selected items in a single string. Items are divided by ';' separator.

Accessors: GetSelectedItems

SelectedText

Text of the selected item in a single string.

Accessors: GetSelectedText

SelectionCount

Number of selected items. Accessors: GetSelectionCount

Action Detail

DoAddSelection(items, separator, itemsType)

Extends selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is 'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoClearSelection()

Clears selection.

Returns:

'true' if success, 'false' otherwise.

DoRemoveSelection(items, separator, itemsType)

Removes selection from specified items.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

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DoSelectItem(items, separator, itemsType)

Selects items of this object. First it clears existing selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

JavaObject Top Previous Next

Standard Java (AWT, Swing) Object.

Behavior Pattern: JavaObjectGenericBehavior

Property Summary

Property	Description	Getter	Setter
ControlType	Type of the object.	GetControlType	
Height	Height of the object.	GetHeight	
Width	Width of the object.	GetWidth	
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Clicks in the middle of the control.
<u>DoDumpWidget</u>	Dumps Spy data for the object.
<u>DoGetWidgetProperty</u>	Returns the value of a property with a given name.

Property Detail

ControlType

Type of the object.

Accessors: GetControlType

Height

Height of the object. Accessors: GetHeight

Width

Width of the object. Accessors: GetWidth

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

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Action Detail

DoAction()

Clicks in the middle of the control.

Returns:

'true' if success, 'false' otherwise.

DoDumpWidget(dumpProperties, maxDepth, trimValue, indent, filePath, append)

Dumps Spy data for the object.

Parameters:

Name	Туре	Description
dumpProperties	boolean	If 'true' then includes properties to the result. Optional, Default: false.
maxDepth	number	Determines max recursion depth. If '0' then dumps current object only, if '1' - dumps direct children as well, etc. If '-1' then dumps the whole subtree of objects. Optional, Default: 0.
trimValue	number	Determines maximum length of a proprty value. Excess characters are truncated. Optional, Default: 256.
indent	string	Indentation string for child objects and properties. Optional, Default: \.
filePath	string	If 'filePath' is set then outputs result to corresponding file. Optional.
append	boolean	If 'true' then file should be overwritten, if 'false' then data should be appended. Optional, Default: false.

Returns:

Object data if 'filePath' is not set, 'true' if file write succeeded, 'false' - otherwise.

DoGetWidgetProperty(name)

Returns the value of a property with a given name. Names of available properties can be seen in Spy.

Parameters:

Name	Туре	Description
name	string	Property name.

Returns:

Property value if successful, an empty string if the property can not be found.

JavaSwingButton

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Java Swing Button. Extends <u>JavaObject</u>.

Behavior Pattern: JavaObjectButtonBehavior

JavaSwingCheckBox

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Java Swing CheckBox. Extends <u>JavaObject</u>.

Behavior Pattern: JavaSwingObjectCheckableBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Action Summary

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Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise.

Accessors: GetChecked, SetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

JavaSwingComboBox

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Java Swing Combo Box. Extends JavaObject.

Behavior Pattern: JavaSwingObjectSelectableBehavior

Property Summary

Property	Description	Getter	Setter
<u>ItemIndexByName</u>	Returns item index by its name.	GetItemIndexByName	
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedText	Text of the selected item in a single string.	GetSelectedText	SetSelectedText

Action Summary

Action	Description
DoSelectItem	Selects an item of this object.

Property Detail

ItemIndexByName

Returns item index by its name. 'false' if name is not found.

Accessors: GetItemIndexByName

SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

SelectedText

Text of the selected item in a single string. Accessors: GetSelectedText, SetSelectedText

Action Detail

DoSelectItem(item)

Selects an item of this object.

Parameters:

Name	Туре	Description
item	string number	Item index or text value to select.

Returns:

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JavaSwingLabel

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Java Swing Label. Extends <u>JavaObject</u>.

Behavior Pattern: JavaObjectLabelBehavior

Property Summary

Property	Description	Getter	Setter
Text	Text of the object, 'false' if text can not be read.	GetText	

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText

JavaSwingList

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Java Swing List. Extends <u>JavaObject</u>.

Behavior Pattern: JavaSwingObjectListSelectableBehavior

Property Summary

Property	Description	Getter	Setter
<u>ItemCount</u>	Number of items.	GetItemCount	
<u>ItemIndexByName</u>	Returns item index by its name.	GetItemIndexByName	
ItemNameByIndex	Returns item name by its index.	GetItemNameByIndex	
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedIndices	Returns string of indexes delimited by separator or array of indexes of selected elements.	GetSelectedIndices	
SelectedItems	Text of all the selected items in a single string.	GetSelectedItems	
SelectedText	Text of the selected item in a single string.	GetSelectedText	
<u>SelectionCount</u>	Number of selected items.	GetSelectionCount	

Action Summary

Action	Description
<u>DoAddSelection</u>	Extends selection.
<u>DoClearSelection</u>	Clears selection.
<u>DoRemoveSelection</u>	Removes selection from specified items.
<u>DoSelectItem</u>	Selects items of this object.

Property Detail

ItemCount

Number of items. Accessors: GetItemCount

ItemIndexByName

Returns item index by its name. 'false' if name is not found.

Accessors: GetItemIndexByName

ItemNameByIndex

Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndex

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Index of the selected element of the object. Accessors: GetSelectedIndex, SetSelectedIndex

SelectedIndices

Returns string of indexes delimited by separator or array of indexes of selected elements.

Accessors: GetSelectedIndices

SelectedItems

Text of all the selected items in a single string. Items are divided by ';' separator.

Accessors: GetSelectedItems

SelectedText

Text of the selected item in a single string.

Accessors: GetSelectedText

SelectionCount

Number of selected items. Accessors: GetSelectionCount

Action Detail

DoAddSelection(items, separator, itemsType)

Extends selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoClearSelection()

Clears selection.

Returns:

'true' if success, 'false' otherwise.

DoRemoveSelection(items, separator, itemsType)

Removes selection from specified items.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

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DoSelectItem(items, separator, itemsType)

Selects items of this object. First it clears existing selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

JavaSwingMenuBar

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Java Swing Menu Bar. Extends JavaObject.

Behavior Pattern: JavaSwingObjectMenuBarBehavior

Action Summary

Action	Description
<u>DoFullText</u>	Returns text representation of the menu or saves it to a file.
<u>DoGetSubmenuCount</u>	Gets the number of submenu items for a given menu path.
<u>DoGetSubmenuProperty</u>	Gets submenu property.
<u>DoGetSubmenuText</u>	Gets submenu text.
DoMenu	Performs click on the menu item.

Action Detail

DoFullText(separator, filePath, append, includeSeparators)

Returns text representation of the menu or saves it to a file.

Parameters:

Name	Туре	Description
separator	string	Separator Optional, Default: ;.
filePath	string	Name of a file that should hold text representation of the menu.
append	boolean	If 'false' then file should be overwritten, if 'true' then data should be appended. Optional, Default: false.
includeSeparators	boolean	If 'true' then menu separators are included to the result. Optional, Default: false.

Returns:

Text representation of the menu, 'true' if the file was successfully written, 'false' otherwise.

DoGetSubmenuCount(path, separator)

Gets the number of submenu items for a given menu path.

Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
separator	string	Separator Optional, Default: ;.

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Returns:

Number of submenu items, 'false' otherwise.

DoGetSubmenuProperty(path, index, property, separator)

Gets submenu property.

Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
index	number	Index of the submenu.
property	string	Name of a property. Available properties can be seen in Java Spy.
separator	string	Separator Optional, Default: ;.

Returns:

Submenu property, 'false' otherwise.

DoGetSubmenuText(path, index, separator)

Gets submenu text.

Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
index	number	Index of the submenu.
separator	string	Separator Optional, Default: ;.

Returns:

Submenu text, 'false' otherwise.

DoMenu(path, separator)

Performs click on the menu item.

Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
separator	string	Separator Optional, Default: ;.

Returns:

'true' if success, 'false' otherwise.

JavaSwingPasswordField

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Java Swing Password Field. Extends JavaObject.

Behavior Pattern: JavaObjectTextFieldBehavior

Property Summary

Property	Description	Getter	Setter
Text	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

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Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

JavaSwingProgressBar

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Java Swing Progress Bar. Extends JavaObject.

Behavior Pattern: JavaSwingObjectProgressBarBehavior

Property Summary

Property	Description	Getter	Setter
<u>MaxValue</u>	Maximum value of the object or 'false' if value can't be read.	GetMaxValue	SetMaxValue
MinValue	Minimum value of the object or 'false' if value can't be read.	GetMinValue	SetMinValue
Value	Value of the object.	GetValue	SetValue

Property Detail

MaxValue

Maximum value of the object or 'false' if value can't be read.

Accessors: GetMaxValue, SetMaxValue

MinValue

Minimum value of the object or 'false' if value can't be read.

Accessors: GetMinValue, SetMinValue

Value

Value of the object.

Accessors: GetValue, SetValue

JavaSwingRadioButton

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Java Swing Radio Button. Extends <u>JavaObject</u>.

Behavior Pattern: JavaSwingObjectCheckableBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Action Summary

Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

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Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise.

Accessors: GetChecked, SetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

JavaSwingSlider

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Java Swing Slider. Extends JavaObject.

Behavior Pattern: JavaSwingObjectProgressBarBehavior

Property Summary

Property	Description	Getter	Setter
MaxValue	Maximum value of the object or 'false' if value can't be read.	GetMaxValue	SetMaxValue
<u>MinValue</u>	Minimum value of the object or 'false' if value can't be read.	GetMinValue	SetMinValue
Value	Value of the object.	GetValue	SetValue

Property Detail

MaxValue

Maximum value of the object or 'false' if value can't be read.

Accessors: GetMaxValue, SetMaxValue

MinValue

Minimum value of the object or 'false' if value can't be read.

Accessors: GetMinValue, SetMinValue

Value

Value of the object.

Accessors: GetValue, SetValue

JavaSwingTable

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Java Swing Table. Extends <u>JavaObject</u>.

Behavior Pattern: JavaSwingObjectTableBehavior

Property Summary

Property	Description	Getter	Setter
Cell	Text of the specified cell.	GetCell	
ColumnCount	Number of columns in the table.	GetColumnCount	
ColumnName	Caption of a column.	GetColumnName	
RowCount	Number of rows in the table.	GetRowCount	
SelectedCells	Returns string of cell coordinates delimited by separators or an array of coordinate objects for selected cells.	GetSelectedCells	
<u>SelectedColumn</u>	Index of the selected column.	GetSelectedColumn	

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SelectedColumnCount	Number of selected columns.	GetSelectedColumnCount
SelectedColumns	Returns string of indexes delimited by separator or array of indexes of selected columns.	GetSelectedColumns
SelectedRow	Index of the selected row.	GetSelectedRow
SelectedRowCount	Number of selected rows.	GetSelectedRowCount
SelectedRows	Returns string of indexes delimited by separator or array of indexes of selected rows.	GetSelectedRows
Text	Text of the currently focused cell.	GetText

Action Summary

Action	Description	
<u>DoClickCell</u>	Clicks the specified cell	
<u>DoFullText</u>	Read and return full text contents of the table	

Property Detail

Cell

Text of the specified cell. Accessors: GetCell

ColumnCount

Number of columns in the table. Accessors: GetColumnCount

ColumnName

Caption of a column.
Accessors: GetColumnName

RowCount

Number of rows in the table. Accessors: GetRowCount

SelectedCells

Returns string of cell coordinates delimited by separators or an array of coordinate objects for selected cells.

Accessors: GetSelectedCells

SelectedColumn

Index of the selected column. Accessors: GetSelectedColumn

SelectedColumnCount

Number of selected columns.

Accessors: GetSelectedColumnCount

SelectedColumns

Returns string of indexes delimited by separator or array of indexes of selected columns.

Accessors: GetSelectedColumns

SelectedRow

Index of the selected row. Accessors: GetSelectedRow

SelectedRowCount

Number of selected rows.

Accessors: GetSelectedRowCount

SelectedRows

Returns string of indexes delimited by separator or array of indexes of selected rows.

Accessors: GetSelectedRows

Text

Text of the currently focused cell.

Accessors: GetText

Action Detail

DoClickCell(row, col, clickType, xOffset, yOffset)

Clicks the specified cell

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Parameters:

Name	Туре	Description
row	number	Zero-based index if the row.
col	number	Zero-based index of the column.
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within node. Default is a center. Optional.
yOffset	number	Y offset to click within node. Default is a center. Optional.

Returns:

'true' if successful, 'false' otherwise

DoFullText()

Read and return full text contents of the table

Returns:

Full text of the table (may be very long!), 'false' otherwise

JavaSwingTextArea

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Java Swing Text Area. Extends <u>JavaObject</u>.

Behavior Pattern: JavaObjectTextFieldBehavior

Property Summary

Property	Description	Getter	Setter
Text	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

JavaSwingTextField

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Java Swing Text Field. Extends <u>JavaObject</u>.

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Behavior Pattern: JavaObjectTextFieldBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

JavaSwingToggleButton

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Java Swing ToggleButton. Extends <u>JavaObject</u>.

Behavior Pattern: JavaSwingObjectCheckableBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Action Summary

Action	Description
DoSetCheck	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise. Accessors: GetChecked, SetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

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Returns:

'true' if success, 'false' otherwise.

JavaSwingTree

Java Swing Tree. Extends JavaObject.

Behavior Pattern: JavaSwingObjectTreeBehavior

Property Summary

Property	Description	Getter	Setter
<u>ChildrenCount</u>	Number of children of the selected node or a node specified by the input parameters.	GetChildrenCount	
Expanded	Expanded state of the selected node or a node specified by the input parameters.	GetExpanded	
<u>IndexPath</u>	Index path of the specified or selected tree node i.e.	GetIndexPath	
NodeText	Text of the selected node or a node specified by the input parameters.	GetNodeText	
Selected	Selected state of the selected node or a node specified by the input parameters	GetSelected	

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Action Summary

Action	Description
<u>DoClickNode</u>	Clicks specific node in the tree.
<u>DoCollapse</u>	Collapses specific node in the tree.
DoExpand	Expands specific node in the tree.

Property Detail

ChildrenCount

Number of children of the selected node or a node specified by the input parameters.

Accessors: GetChildrenCount

Expanded

Expanded state of the selected node or a node specified by the input parameters.

Accessors: GetExpanded

IndexPath

Index path of the specified or selected tree node i.e. string in form '0;5;2;1;6', 'false' if fails

Accessors: GetIndexPath

NodeText

Text of the selected node or a node specified by the input parameters.

Accessors: GetNodeText

Selected

Selected state of the selected node or a node specified by the input parameters

Accessors: GetSelected

Action Detail

DoClickNode(path, separator, pathType, clickType, xOffset, yOffset)

Clicks specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click

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		Optional, Default: L.
xOffset	number	X offset to click within node. Default is a center. Optional.
yOffset	number	Y offset to click within node. Default is a center. Optional.

Returns:

'true' if success, 'false' otherwise.

DoCollapse(path, separator, pathType)

Collapses specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoExpand(path, separator, pathType)

Expands specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

JavaTextArea Top Previous Next

Java Text Area. Extends JavaObject.

Behavior Pattern: JavaObjectTextFieldBehavior

Property Summary

Property	Description	Getter	Setter
Text	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Toyt

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

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DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

JavaTextField Top Previous Next

Java Text Field. Extends JavaObject.

Behavior Pattern: JavaObjectTextFieldBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description	
DoSetText	Sets text value of this object.	

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

GWTCheckBox Top Previous Next

GWT CheckBox. Extends HTMLObject.

Behavior Pattern: GWTCheckBoxBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	

Action Summary

Action	Description

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Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise.

Accessors: GetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

GWTDatePicker Top Previous Next

GWT DatePicker. Extends HTMLObject.

Behavior Pattern: GWTDatePickerBehavior

Property Summary

Property	Description	Getter	Setter
<u>Month</u>	Current month displayed by the date picker.	GetMonth	

Action Summary

Action	Description
<u>DoNextMonth</u>	Clicks on 'Next Month' selector.
<u>DoPrevMonth</u>	Clicks on 'Previous Month' selector.
<u>DoSelectDate</u>	Selects specific date in the date picker.

Property Detail

Month

Current month displayed by the date picker.

Accessors: GetMonth

Action Detail

DoNextMonth()

Clicks on 'Next Month' selector.

Returns:

'true' if success, 'false' otherwise

DoPrevMonth()

Clicks on 'Previous Month' selector.

Returns:

'true' if success, 'false' otherwise

DoSelectDate(dateValue)

Selects specific date in the date picker.

Parameters:

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Name	Туре	Description
dateValue	Date	New date to select

Returns:

'true' if success, 'false' otherwise

GWTDecoratedStackPanel

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 $\label{eq:GWTDecorated} \text{GWT Decorated StackPanel. Extends } \underline{\text{HTMLObject}}.$

Behavior Pattern: GWTDecoratedStackPanelBehavior

Action Summary

Action	Description
<u>DoSelect</u>	Selects specified panel.

Action Detail

DoSelect(name)

Selects specified panel.

Parameters:

Name	Туре	Description
name	string	Panel name to select.

Returns:

'true' if success, 'false' otherwise.

GWTMenuBar Top Previous Next

GWT MenuBar. Extends HTMLObject.

Behavior Pattern: GWTMenuBarBehavior

Action Summary

Action	Description
<u>DoMenu</u>	Performs click on the menu item.

Action Detail

DoMenu(path, separator)

Performs click on the menu item.

Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
separator	string	Separator Optional, Default: :.

Returns:

'true' if success, 'false' otherwise.

GWTPushButton Top Previous Next

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Behavior Pattern: GWTPushButtonBehavior

Property Summary

Property	Description	Getter	Setter
<u>Disabled</u>	Disable state of the button.	GetDisabled	

Property Detail

Disabled

Disable state of the button. Accessors: GetDisabled

GWTRadio Top Previous Next

GWT Radio. Extends HTMLObject.

Behavior Pattern: GWTRadioBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	

Action Summary

Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise.

Accessors: GetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

GWTStackPanel Top Previous Next

GWT StackPanel. Extends HTMLObject.

Behavior Pattern: GWTStackPanelBehavior

Action Summary

Action	Description	
DoSelect	Selects specified panel.	

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Action Detail

DoSelect(name)

Selects specified panel.

Parameters:

Name	Туре	Description
name	string	Panel name to select.

Returns:

'true' if success, 'false' otherwise.

GWTToggleButton

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 $GWT\ Toggle Button.\ Extends\ \underline{HTMLObject}.$

Behavior Pattern: GWTToggleButtonBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	

Action Summary

Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise.

Accessors: GetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

GWTTree Top Previous Next

GWT Tree. Extends HTMLObject.

Behavior Pattern: GWTTreeBehavior

Property Summary

Property	Description		Setter
ChildrenCount	Children count of the current node in the tree.	GetChildrenCount	
Expanded	Expanded state of the current node.	GetExpanded	
NodeIndex	Zero based index of the current node.	GetNodeIndex	

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NodeText	Text of the current node.	GetNodeText
Selected	Selected state of the current node.	GetSelected
SelectedNodeText	Text of the selected node.	GetSelectedNodeText

Action Summary

Action	Description
<u>DoClickNode</u>	Clicks specific node in the tree.
DoCollapse	Collapses specific node in the tree.
DoExpand	Expands specific node in the tree.
<u>DoFindChild</u>	Finds child node by its path from the current node and remembers it as the current node.
<u>DoFindNode</u>	Searches for specific node in the tree and remembers it as the current node.
<u>DoGetPath</u>	Returns path to the current node.

Property Detail

ChildrenCount

Children count of the current node in the tree.

Accessors: GetChildrenCount

Expanded

Expanded state of the current node. Use DoFindNode to set current node. 0 - if the node is collapsed, 1 - if the node is expanded, 2 - if the node is a leaf.

Accessors: GetExpanded

NodeIndex

Zero based index of the current node. Use DoFindNode to set current node.

Accessors: GetNodeIndex

NodeText

Text of the current node. Use DoFindNode to set current node.

Accessors: GetNodeText

Selected

Selected state of the current node. Use DoFindNode to set current node. 'true' if the node is selected, 'false' otherwise.

Accessors: GetSelected

SelectedNodeText

Text of the selected node.

Accessors: GetSelectedNodeText

Action Detail

DoClickNode(path, separator, pathType)

Clicks specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoCollapse(path, separator, pathType)

Collapses specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'.

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Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoExpand(path, separator, pathType)

Expands specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoFindChild(path, separator, pathType, expand)

Finds child node by its path from the current node and remembers it as the current node. If current node is not set then Root node is used.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.
expand	boolean	is set to true, then found node is expanded

Returns:

HTMLObject of the found node

DoFindNode(path, separator, pathType, expand)

Searches for specific node in the tree and remembers it as the current node.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.
expand	boolean	is set to true, then found node is expanded

Returns:

HTMLObject of the found node

DoGetPath(pathType, separator)

Returns path to the current node.

Parameters:

Name	Туре	Description
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.
separator	string	Separator Optional, Default: ;.

Returns:

Path to the current node

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TelerikDropDownPopupForm

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Telerik DropDownPopupForm. Extends ManagedButton. Extends SesSimulatedObject.

Behavior Pattern: TelerikComboPopupBehavior

TelerikRadApplicationMenu

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Telerik RadApplicationMenu. Extends ManagedObject. Extends SeSSimulatedObject.

Behavior Pattern: TelerikDropDownButtonBehavior

Action Summary

Action	Description
DoMenu	Performs click on the menu item.

Action Detail

DoMenu(path, separator)

Performs click on the menu item.

Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
separator	string	Separator Optional, Default: ;.

Returns:

'true' if success, 'false' otherwise.

TelerikRadApplicationMenuDropDown

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Telerik RadApplicationMenuDropDown. Extends ManagedMenuPopupItem. Extends SesSimulatedObject.

TelerikRadButton Top Previous Next

Telerik RadButton. Extends ManagedObject. Extends SeSSimulatedObject.

Behavior Pattern: ManagedObjectButtonBehavior

TelerikRadCheckBox

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 $\label{thm:madcheckButton} \textbf{Telerik RadCheckButton. Extends} \ \underline{\textbf{ManagedCheckBox}}. \ \textbf{Extends} \ \underline{\textbf{SeSSimulatedObject}}.$

Behavior Pattern: ManagedObjectCheckableBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Action Summary

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Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise.

Accessors: GetChecked, SetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

TelerikRadDateTimePicker

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Telerik RadDateTimePicker. Extends ManagedObject. Extends SesSimulatedObject.

Behavior Pattern: TelerikDateTimePickerBehavior

Property Summary

Property	Description	Getter	Setter
<u>Month</u>	Current month displayed by the date picker.	GetMonth	

Action Summary

Action	Description
<u>DoNextMonth</u>	Clicks on 'Next Month' selector.
<u>DoPrevMonth</u>	Clicks on 'Previous Month' selector.
<u>DoSelectDate</u>	Selects specific date in the date picker.

Property Detail

Month

Current month displayed by the date picker.

Accessors: GetMonth

Action Detail

DoNextMonth()

Clicks on 'Next Month' selector.

Returns:

'true' if success, 'false' otherwise

DoPrevMonth()

Clicks on 'Previous Month' selector.

Returns:

'true' if success, 'false' otherwise

DoSelectDate(day, month, year)

Selects specific date in the date picker.

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Parameters:

Name	Туре	Description
day	number	Day to set
month	number	Month to set
year	number	Year to set

Returns:

'true' if success, 'false' otherwise

TelerikRadDropDownButton

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Telerik RadDropDownButton. Extends ManagedButton. Extends SesSimulatedObject.

Behavior Pattern: TelerikDropDownButtonBehavior

Action Summary

Action	Description	
DoMenu	Performs click on the menu item.	

Action Detail

DoMenu(path, separator)

Performs click on the menu item.

Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
separator	string	Separator Optional, Default: ;.

Returns:

'true' if success, 'false' otherwise.

TelerikRadDropDownButtonPopup

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 $\label{thm:condition} Telerik\ RadDropDownButtonPopup.\ Extends\ \underline{ManagedMenuPopupItem}.\ Extends\ \underline{SeSSimulatedObject}.$

TelerikRadDropDownList

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 $Telerik\ RadDropDownList.\ Extends\ \underline{ManagedComboBox}.\ Extends\ \underline{SeSSimulatedObject}.$

Behavior Pattern: ManagedObjectSelectableBehavior

Property Summary

Property	Description	Getter	Setter
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedText	Text of the selected item in a single string.	GetSelectedText	SetSelectedText

Action Summary

Action	Description
DoSelectItem	Selects an item of this object.

Property Detail

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SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

SelectedText

Text of the selected item in a single string.

Accessors: GetSelectedText, SetSelectedText

Action Detail

DoSelectItem(item)

Selects an item of this object.

Parameters:

Name	Туре	Description
item	string number	Item index or text value to select.

Returns:

'true' if success, 'false' otherwise.

Behavior Pattern: TelerikSelectableBehavior

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

TelerikRadDropDownMenu

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Telerik RadDropDownMenu. Extends ManagedMenuPopupItem. Extends SeSSimulatedObject.

TelerikRadGridView

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Behavior Pattern: TelerikGridViewBehavior

Property Summary

Property	Description	Getter	Setter
Cell	Text of the specified cell.	GetCell	
ColumnCount	Number of columns in the table.	GetColumnCount	
ColumnName	Caption of a column.	GetColumnName	
RowCount	Number of rows in the table.	GetRowCount	
SelectedCell	Selected Cell	GetSelectedCell	
<u>Text</u>	Text of the currently focused cell.	GetText	

Action Summary

Action	Description
<u>DoClickCell</u>	Clicks the specified cell

Property Detail

Cell

Text of the specified cell. Accessors: GetCell

ColumnCount

Number of columns in the table. Accessors: GetColumnCount

ColumnName

Caption of a column. Accessors: GetColumnName

RowCount

Number of rows in the table. Accessors: GetRowCount

SelectedCell

Selected Cell

Accessors: GetSelectedCell

Text

Text of the currently focused cell.

Accessors: GetText

Action Detail

DoClickCell(row, col)

Clicks the specified cell

Parameters:

Name	Туре	Description
row	number	Zero-based index if the row.
col	number	Zero-based index of the column.

Returns:

'true' if successful, 'false' otherwise

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Telerik RadLabel. Extends ManagedObject. Extends SesSimulatedObject.

Behavior Pattern: TelerikLabelBehavior

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TelerikRadListControl Top Previous Next

 $\label{eq:control} \textbf{Telerik RadListControl. Extends} \ \underline{\textbf{ManagedObject}}. \ \textbf{Extends} \ \underline{\textbf{SeSSimulatedObject}}.$

Behavior Pattern: ManagedObjectListBoxSelectableBehavior

Property Summary

Property	Description	Getter	Setter
<u>ItemCount</u>	Number of items.	GetItemCount	
<u>ItemIndexByName</u>	Returns item index by its name.	GetItemIndexByName	
<u>ItemNameByIndex</u>	Returns item name by its index.	GetItemNameByIndex	
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedIndices	Returns string of indexes delimited by separator or array of indexes of selected elements.	GetSelectedIndices	
SelectedItems	Text of all the selected items in a single string.	GetSelectedItems	
SelectedText	Text of the selected item in a single string.	GetSelectedText	
SelectionCount	Number of selected items.	GetSelectionCount	

Action Summary

Action	Description
<u>DoAddSelection</u>	Extends selection.
<u>DoClearSelection</u>	Clears selection.
DoRemoveSelection	Removes selection from specified items.
<u>DoSelectItem</u>	Selects items of this object.

Property Detail

ItemCount

Number of items. Accessors: GetItemCount

ItemIndexByName

Returns item index by its name. 'false' if name is not found.

Accessors: GetItemIndexByName

ItemNameByIndex

Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

SelectedIndices

Returns string of indexes delimited by separator or array of indexes of selected elements.

Accessors: GetSelectedIndices

SelectedItems

Text of all the selected items in a single string. Items are divided by ';' separator.

Accessors: GetSelectedItems

SelectedText

Text of the selected item in a single string.

Accessors: GetSelectedText

SelectionCount

Number of selected items.
Accessors: GetSelectionCount

Action Detail

DoAddSelection(items, separator, itemsType)

Extends selection.

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Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoClearSelection()

Clears selection.

Returns:

'true' if success, 'false' otherwise.

DoRemoveSelection(items, separator, itemsType)

Removes selection from specified items.

Parameters:

Name	Type	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoSelectItem(items, separator, itemsType)

Selects items of this object. First it clears existing selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

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Behavior Pattern: TelerikListControlBehavior

Property Summary

Property	Description	Getter	Setter
<u>ItemIndexByName</u>	Returns item index by its name.	GetItemIndexByName	
ItemNameByIndex	Returns item name by its index.	GetItemNameByIndex	
SelectedIndices	Returns string of indexes delimited by separator or array of indexes of selected elements.	GetSelectedIndices	
<u>SelectedText</u>	Text of the selected item in a single string.	GetSelectedText	

Action Summary

Action	Description
<u>DoAddSelection</u>	Extends selection.
DoRemoveSelection	Removes selection from specified items.

Property Detail

ItemIndexByName

Returns item index by its name. 'false' if name is not found.

Accessors: GetItemIndexByName

ItemNameByIndex

Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndices

Returns string of indexes delimited by separator or array of indexes of selected elements.

Accessors: GetSelectedIndices

SelectedText

Text of the selected item in a single string.

Accessors: GetSelectedText

Action Detail

DoAddSelection(items, separator, itemsType)

Extends selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoRemoveSelection(items, separator, itemsType)

Removes selection from specified items.

Parameters:

Name	Туре	Description
items		Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator.

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		4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType		If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

TelerikRadMaskedEditBox

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 $\label{thm:continuous} \mbox{Telerik RadMaskedEditBox}. \mbox{ Extends } \mbox{\underline{ManagedTextBox}}. \mbox{ Extends } \mbox{\underline{SeSSimulatedObject}}.$

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

TelerikRadMenu Top Previous Next

Telerik RadMenu. Extends ManagedObject. Extends SeSSimulatedObject.

Behavior Pattern: TelerikDropDownButtonBehavior

Action Summary

Action	Description
<u>DoMenu</u>	Performs click on the menu item.

Action Detail

DoMenu(path, separator)

Performs click on the menu item.

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Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
separator	string	Separator Optional, Default: ;.

Returns:

'true' if success, 'false' otherwise.

Behavior Pattern: TelerikMenuBehavior

Action Summary

Action	Description
<u>DoClickItem</u>	Perform Click on the navigation item

Action Detail

DoClickItem(menuItemName)

Perform Click on the navigation item

Parameters:

Name	Туре	Description
menuItemName	string	Menuitem name to click at.

Returns:

'true' if success, 'false' otherwise.

TelerikRadProgressBar

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 $\label{thm:madProgressBar} \textbf{Extends} \ \underline{\textbf{ManagedObject}}. \ \textbf{Extends} \ \underline{\textbf{SeSSimulatedObject}}.$

Behavior Pattern: TelerikProgressBarBehavior

Property Summary

Property	Description	Getter	Setter
MaxValue	Maximum value of the object or 'false' if value can't be read.	GetMaxValue	SetMaxValue
<u>MinValue</u>	Minimum value of the object or 'false' if value can't be read.	GetMinValue	SetMinValue
Value	Value of the object.	GetValue	SetValue
Value1	Gets or sets the value of the first progress line.	GetValue1	SetValue1
Value2	Gets or sets the value of the second progress line.	GetValue2	SetValue2

Property Detail

MaxValue

Maximum value of the object or 'false' if value can't be read.

Accessors: GetMaxValue, SetMaxValue

MinValue

Minimum value of the object or 'false' if value can't be read.

Accessors: GetMinValue, SetMinValue

Value

Value of the object.

Accessors: GetValue, SetValue

Value1

Gets or sets the value of the first progress line. There could be two progress lines in the progress bar.

Accessors: GetValue1, SetValue1

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Value2

Gets or sets the value of the second progress line. There could be two progress lines in the progress bar. The second one is visualized by making the fill primitive semi-transparent.

Accessors: GetValue2, SetValue2

TelerikRadRadioButton

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Telerik RadRadioButton. Extends ManagedRadioButton. Extends SeSSimulatedObject.

Behavior Pattern: ManagedObjectCheckableBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Action Summary

Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise. Accessors: GetChecked, SetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

Behavior Pattern: TelerikToggleBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise.

Accessors: GetChecked, SetChecked

TelerikRadRibbonBar

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Telerik RadRibbonBar. Extends ManagedObject. Extends SeSSimulatedObject.

Behavior Pattern: TelerikRadRibbonBarBehavior

Action Summary

Action	Description	
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<u>DoClickApplicationButton</u>	Clicks specified application button of the ribbon
<u>DoClickItem</u>	Clicks specified element of the ribbon
<u>DoClickTab</u>	Clicks specified tab of the ribbon

Action Detail

DoClickApplicationButton(caption)

Clicks specified application button of the ribbon

Parameters:

Name	Туре	Description
caption	string	Caption to click at.

Returns:

'true' if success, 'false' otherwise.

DoClickItem(caption, xOffset, yOffset)

Clicks specified element of the ribbon

Parameters:

Name	Туре	Description
caption	string	Caption to click at.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if success, 'false' otherwise.

DoClickTab(caption)

Clicks specified tab of the ribbon

Parameters:

Name	Туре	Description
caption	string	Caption to click at.

Returns:

'true' if success, 'false' otherwise.

TelerikRadSpinEditor

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 $\label{thm:madSpinEditor} \textbf{Telerik RadSpinEditor. Extends} \ \underline{\textbf{ManagedObject}}. \ \textbf{Extends} \ \underline{\textbf{SeSSimulatedObject}}.$

Behavior Pattern: TelerikSpinEditBehavior

Property Summary

Property	Description	Getter	Setter
Increment	Number value that means how much is added or removed when user clicks up or down.	GetIncrement	SetIncrement
MaxValue	Maximum value of the object or 'false' if value can't be read.	GetMaxValue	SetMaxValue
<u>MinValue</u>	Minimum value of the object or 'false' if value can't be read.	GetMinValue	SetMinValue
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText
<u>Value</u>	Value of the object.	GetValue	SetValue

Action Summary

Action	Description

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<u>DoDown</u>	Decrements the value of an object
<u>DoSetText</u>	Sets text value of this object.
DoUp	Increments the Value of an object.

Property Detail

Increment

Number value that means how much is added or removed when user clicks up or down.

Accessors: GetIncrement, SetIncrement

MaxValue

Maximum value of the object or 'false' if value can't be read.

Accessors: GetMaxValue, SetMaxValue

MinValue

Minimum value of the object or 'false' if value can't be read.

Accessors: GetMinValue, SetMinValue

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Value

Value of the object.

Accessors: GetValue, SetValue

Action Detail

DoDown()

Decrements the value of an object

Returns:

'true' if success, 'false' otherwise.

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DoUp()

Increments the Value of an object.

Returns:

'true' if success, 'false' otherwise.

TelerikRadTextBox

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 $\label{temperature} \textbf{Telerik RadTextBox}. \ \textbf{Extends} \ \underline{\textbf{ManagedTextBox}}. \ \textbf{Extends} \ \underline{\textbf{SeSSimulatedObject}}.$

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

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Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

TelerikRadTitleBar Top Previous Next

Telerik RadTitleBar. Extends ManagedObject. Extends SeSSimulatedObject.

Behavior Pattern: TelerikLabelBehavior

TelerikRadToggleButton

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 $\label{temperature} \mbox{Telerik RadToggleButton. Extends $\underline{\mbox{ManagedCheckBox}}$. Extends $\underline{\mbox{SeSSimulatedObject}}$.}$

Behavior Pattern: ManagedObjectCheckableBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Action Summary

Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise. Accessors: GetChecked, SetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

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Behavior Pattern: TelerikToggleBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise. Accessors: GetChecked, SetChecked

TelerikRadTrackBar Top Previous Next

Telerik RadTrackBar (slider). Extends ManagedObject. Extends SessimulatedObject.

Behavior Pattern: TelerikTrackBarBehavior

Property Summary

Property	Description	Getter	Setter
MaxValue	Maximum value of the object or 'false' if value can't be read.	GetMaxValue	SetMaxValue
<u>MinValue</u>	Minimum value of the object or 'false' if value can't be read.	GetMinValue	SetMinValue
Position	Gets or sets the position of the track bar.	GetPosition	SetPosition

Property Detail

MaxValue

Maximum value of the object or 'false' if value can't be read.

Accessors: GetMaxValue, SetMaxValue

MinValue

Minimum value of the object or 'false' if value can't be read.

Accessors: GetMinValue, SetMinValue

Position

Gets or sets the position of the track bar. Accessors: GetPosition, SetPosition

TelerikRadTreeView Top Previous Next

Telerik RadTreeView. Extends ManagedObject. Extends SeSSimulatedObject.

Behavior Pattern: TelerikRadTreeViewBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Checked state of the selected node or a node specified by the input parameters.	GetChecked	
ChildrenCount	Number of children of the selected node or a node specified by the input parameters.	GetChildrenCount	
Expanded	Expanded state of the selected node or a node specified by the input parameters.	GetExpanded	
<u>IndexPath</u>	Index path of the specified or selected tree node i.e.	GetIndexPath	
NodeText	Text of the selected node or a node specified by the input parameters.	GetNodeText	
Selected	Selected state of the selected node or a node specified by the input parameters	GetSelected	
State	Selected state of the selected node or a node specified by the input parameters.	GetState	

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Action Summary

Action	Description
<u>DoClickNode</u>	Clicks specific node in the tree.
<u>DoCollapse</u>	Collapses specific node in the tree.
<u>DoExpand</u>	Expands specific node in the tree.
DoSetCheck	Checks or unchecks specified element.

Property Detail

Checked

Checked state of the selected node or a node specified by the input parameters.

Accessors: GetChecked

ChildrenCount

Number of children of the selected node or a node specified by the input parameters.

Accessors: GetChildrenCount

Expanded

Expanded state of the selected node or a node specified by the input parameters.

Accessors: GetExpanded

IndexPath

Index path of the specified or selected tree node i.e. string in form '0;5;2;1;6', 'false' if fails

Accessors: GetIndexPath

NodeText

Text of the selected node or a node specified by the input parameters.

Accessors: GetNodeText

Selected

Selected state of the selected node or a node specified by the input parameters

Accessors: GetSelected

State

Selected state of the selected node or a node specified by the input parameters.

Accessors: GetState

Text

;-combined text of all selected nodes.

Accessors: GetText

Action Detail

DoClickNode(path, separator, pathType, xOffset, yOffset)

Clicks specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.
xOffset	number	X offset to click within node. Default is a center. Optional.
yOffset	number	Y offset to click within node. Default is a center. Optional.

Returns:

'true' if success, 'false' otherwise.

DoCollapse(path, separator, pathType)

Collapses specific node in the tree.

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Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoExpand(path, separator, pathType)

Expands specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoSetCheck(bcheck, path, separator, pathType)

Checks or unchecks specified element.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state.
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise

SeSSimulatedObject

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This is a rule for simulated objects.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText

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<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

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X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
У	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
V	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
х	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

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Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

Win32Button Top Previous Next

This is generic Win32 button. Use DoAction to press it. Extends SesSimulatedObject.

Behavior Pattern: Win32Pressable

Action Summary

Action	Description
<u>DoAction</u>	Presses the button.

Action Detail

DoAction()

Presses the button.

Win32CheckButton Top Previous Next

This is generic Win32 check box. Use DoAction to toggle its state. Extends SesSimulatedObject.

Behavior Pattern: Win32CheckBox

Win32ComboBox Top Previous Next

This is generic Win32 combo box. Use DoSelectItem to select a particular item. Extends SesSimulatedObject.

Behavior Pattern: Win32ItemSelectable

Action Summary

Action	Description
DoSelectItem	Selects item of this object.

Action Detail

DoSelectItem(itemName)

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Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

Returns:

'true' if operation is successful, 'false' otherwise

Win32ComboBoxEdit

Top Previous Next

This is generic Win32 editable combo box. Use DoSelectItem to select a particular item and DoSetText to set a custom value. Extends SesSimulatedObject.

Behavior Pattern: Win32TextEditable

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description	
<u>DoSetText</u>	Sets text value of this object.	

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

Behavior Pattern: Win32ItemSelectable

Action Summary

Action	Description	
DoSelectItem	Selects item of this object.	

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

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Returns:

'true' if operation is successful, 'false' otherwise

Behavior Pattern: Win32ItemCombo

Action Summary

Action	Description
<u>DoSelectItem</u>	Selects item of this object.

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string	This is a name of item to select.

Returns:

'true' if operation is successful, 'false' otherwise

Win32ContextMenu Top Previous Next

This is generic Win32 context menu. Use DoClickItem to click a particular item from the menu Extends SessimulatedObject.

Behavior Pattern: Win32ItemClickable

Action Summary

Action	Description	
<u>DoClickItem</u>	Performs click on an item of this object.	

Action Detail

DoClickItem(itemName)

Performs click on an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to click

Returns:

'true' if operation was successful, 'false' otherwise

Win32Link Top Previous Next

This is a generic Win32 link. Use DoAction to activate the link. Extends SessimulatedObject.

Behavior Pattern: Win32Simulated

Win32List Top Previous Next

This is generic Win32 list. Use DoSelectItem to select a particular item. Extends SesSimulatedObject.

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Behavior Pattern: Win32ItemSelectable

Action Summary

Action	Description	
<u>DoSelectItem</u>	Selects item of this object.	

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

Returns:

'true' if operation is successful, 'false' otherwise

Behavior Pattern: Win32ItemExpandable

Action Summary

Action	Description
<u>DoExpand</u>	Expands an item of this object.

Action Detail

DoExpand(itemName)

Expands an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to expand

Returns:

'true' if operation was successful, 'false' otherwise

Win32ListCheckable

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This is generic Win32 list with a check box near each item. Use DoSelectItem to select a particular item and DoCheckItem to change corresponding check box state. Extends <u>SeSSimulatedObject</u>.

Behavior Pattern: Win32ItemSelectable

Action Summary

Action	Description	
DoSelectItem	Selects item of this object.	

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

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Returns:

'true' if operation is successful, 'false' otherwise

Behavior Pattern: Win32ItemCheckable

Action Summary

Action	Description	
<u>DoCheckItem</u>	Checks an item of this object.	

Action Detail

DoCheckItem(itemName)

Checks an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to check

Win32MenuBar Top Previous Next

This is generic WIn32 menu bar (e.g. main menu of the application). Use DoClickItem to click a particular item from the menu and DoMenu to choose a menu item at the specified path. Extends <u>SeSSimulatedObject</u>.

Behavior Pattern: Win32ItemClickable

Action Summary

Action	Description
<u>DoClickItem</u>	Performs click on an item of this object.

Action Detail

DoClickItem(itemName)

Performs click on an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to click

Returns:

'true' if operation was successful, 'false' otherwise

Behavior Pattern: Win32Menu

Action Summary

Action	Description
DoMenu	Performs click on the menu item.

Action Detail

DoMenu(path, sep)

Performs click on the menu item.

Parameters:

Name	Туре	Description
path	string	Path of the menu item to select.
sep	string	Separator

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Optional, Default: ;.

Returns:

'true' if success, 'false' otherwise.

Win32Outline Top Previous Next

This is generic Win32 tree. Use DoSelectItem to select and DoExpand to expand/collapse a particular node. Extends SesSimulatedObject.

Behavior Pattern: Win32ItemSelectable

Action Summary

Action	Description
<u>DoSelectItem</u>	Selects item of this object.

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

Returns:

'true' if operation is successful, 'false' otherwise

Behavior Pattern: Win32ItemExpandable

Action Summary

Action	Description	
DoExpand	Expands an item of this object.	

Action Detail

DoExpand(itemName)

Expands an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to expand

Returns:

'true' if operation was successful, 'false' otherwise

Win32PopupMenu

Top Previous Next

This is generic Win32 popup menu. Use DoClickItem to click a particular item from the menu. Extends SeSSimulatedObject.

Behavior Pattern: Win32ItemClickable

Action Summary

Action	Description
DoClickItem	Performs click on an item of this object.

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Action Detail

DoClickItem(itemName)

Performs click on an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to click

Returns:

'true' if operation was successful, 'false' otherwise

Win32RadioButton Top Previous Next

This is generic Win32 radio button. Use DoAction to select the button. Extends $\underline{\text{SeSSimulatedObject}}$.

Behavior Pattern: Win32Radio

Win32StaticText Top Previous Next

This is generic Win32 label. Use WindowText property to read/write label text. Extends SesSimulatedObject.

Behavior Pattern: Win32Simulated

Win32Text Top Previous Next

This is generic Win32 edit box. Use DoSetText to set the value of the edit box and GetText to read current value. Extends SeSSimulatedObject.

Behavior Pattern: Win32TextEditable

Property Summary

Property	Description	Getter	Setter
Text	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

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Win32TreeCheckable

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This is generic Win32 tree with a check box near each item. Use DoSelectItem to select and DoExpand to expand/collapse a particular item. Use DoCheckItem to change corresponding check box state. Extends SesSimulatedObject.

Behavior Pattern: Win32ItemSelectable

Action Summary

Action	Description	
DoSelectItem	Selects item of this object.	

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

Returns:

'true' if operation is successful, 'false' otherwise

Behavior Pattern: Win32ItemCheckable

Action Summary

Action	Description
DoCheckItem	Checks an item of this object.

Action Detail

DoCheckItem(itemName)

Checks an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to check

Behavior Pattern: Win32ItemExpandable

Action Summary

Action	Description
DoExpand	Expands an item of this object.

Action Detail

DoExpand(itemName)

Expands an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to expand

Returns:

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HTMLObject Top Previous Next

This object contains actions and properties for DOM elements of Web page.

Behavior Pattern: HTMLFirefoxBehavior

Property Summary

Property	Description	Getter	Setter
Alt	Alt of the element.	GetAlt	
Checked	'Checked' state of the element.	GetChecked	
<u>Class</u>	Class of the element.	GetClass	
ClientX	X-coordinate of the top left corner of the element relative to browser window.	GetClientX	
ClientY	Y-coordinate of the top left corner of the element relative to browser window.	GetClientY	
Enabled	'Enabled' state of the element.	GetEnabled	SetEnabled
Height	Height of the element.	GetHeight	
Href	HREF of the element.	GetHref	
<u>ld</u>	ID of the element.	GetId	
<u>InnerText</u>	Inner text of the element.	GetInnerText	
<u>Label</u>	Label of the element.	GetLabel	
Name	Name of the element.	GetName	
NodeText	Text of the element without children.	GetNodeText	
<u>PageTitle</u>	Title of the HTML document.	GetPageTitle	
PageURL	Location URL of the HTML document.	GetPageURL	
Style	Style of the element.	GetStyle	
Tag	Tag of the element.	GetTag	
<u>Title</u>	Title of the element.	GetTitle	
Value	Value of the element.	GetValue	
Width	Width of the element.	GetWidth	
X	X-coordinate of the top left corner of the element.	GetX	
<u>XPath</u>	XPath of the element.	GetXPath	
<u>Y</u>	Y-coordinate of the top left corner of the element.	GetY	

Action Summary

Action	Description
<u>DoAddSelection</u>	Adds selection of specified option in multi-select element.
<u>DoClick</u>	Clicks on HTML element (button, link).
DoDblClick	Double-Clicks on HTML element (button, link).
DoDOMChildAt	Returns n-th child (zero-based).
<u>DoDOMChildrenCount</u>	Returns number of children elements for this one.
DoDOMConvert	Creates a clone of this object converted to a requested type.
<u>DoDOMFindParentWithAttribute</u>	Returns parent element (if any) with given attribute matching given string or 'regex:.
<u>DoDOMGetAttribute</u>	Returns specified attribute.
<u>DoDOMGetAttributes</u>	Returns all attributes of a node.
<u>DoDOMNextSibling</u>	Returns next sibling element for this one.
<u>DoDOMParent</u>	Returns parent element having this element.
<u>DoDOMPrevSibling</u>	Return previous sibling element for this one.
<u>DoDOMQueryXPath</u>	Gets array of elements matching XPath query on this object.
<u>DoDOMRoot</u>	Returns Root element having this element.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoGetRect</u>	Finds screen rectangle for this object.
<u>DoRemoveSelection</u>	Unselect of specified option in multi-select element.
DoSelect	Selects specified element in <select> control.</select>
<u>DoSetCheck</u>	Sets specified state of check box.

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Property Detail

Alt

Alt of the element. Accessors: GetAlt

Checked

'Checked' state of the element. Accessors: GetChecked

Class

Class of the element. Accessors: GetClass

ClientX

X-coordinate of the top left corner of the element relative to browser window.

Accessors: GetClientX

ClientY

Y-coordinate of the top left corner of the element relative to browser window.

Accessors: GetClientY

Enabled

'Enabled' state of the element.
Accessors: GetEnabled, SetEnabled

Height

Height of the element. Accessors: GetHeight

Href

HREF of the element. Accessors: GetHref

ld

ID of the element. Accessors: GetId

InnerText

Inner text of the element. Accessors: GetInnerText

Labe

Label of the element. Accessors: GetLabel

Name

Name of the element. Accessors: GetName

NodeText

Text of the element without children.

Accessors: GetNodeText

PageTitle

Title of the HTML document. Accessors: GetPageTitle

PageURL

Location URL of the HTML document.

Accessors: GetPageURL

Style

Style of the element. Accessors: GetStyle

Tag

Tag of the element. Accessors: GetTag

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Title

Title of the element. Accessors: GetTitle

Value

Value of the element. Accessors: GetValue

Width

Width of the element. Accessors: GetWidth

X

X-coordinate of the top left corner of the element.

Accessors: GetX

XPath

XPath of the element. Accessors: GetXPath

Υ

Y-coordinate of the top left corner of the element.

Accessors: GetY

Action Detail

DoAddSelection(optionText)

Adds selection of specified option in multi-select element.

Parameters:

Name	Туре	Description
optionText	string	Element to select

Returns:

'true' if successful, 'false' otherwise'

DoClick(x, y, forceEvent)

Clicks on HTML element (button, link).

Parameters:

Name	Туре	Description
X	number	X coordinate to click.
у	number	Y coordinate to click.
forceEvent	boolean	Pass 'true' to force browser event without actual mouse click Optional, Default: false.

Returns:

'true' if successful, 'false' otherwise'

DoDblClick()

Double-Clicks on HTML element (button, link).

Returns:

'true' if successful, 'false' otherwise'

DoDOMChildAt(n)

Returns n-th child (zero-based).

Parameters:

Name	Туре	Description
n	number	n Index of the child element.

Returns:

n-th child.

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DoDOMChildrenCount()

Returns number of children elements for this one.

Returns:

Number of children elements.

DoDOMConvert(type)

Creates a clone of this object converted to a requested type.

Parameters:

Name	Туре	Description
type	string	Type of an object.

Returns:

New Object of requested type or HTMLObject if type not found, null if error occur.

DoDOMFindParentWithAttribute(attrName, match)

Returns parent element (if any) with given attribute matching given string or 'regex:...' expression.

Parameters:

Name	Туре	Description
attrName	string	Name of an attribute.
match	string	Match string.

Returns:

Matched element or 'null'.

DoDOMGetAttribute(attrName)

Returns specified attribute.

Parameters:

Name	Туре	Description
attrName	string	Name of an attribute.

Returns:

Attribute value.

DoDOMGetAttributes()

Returns all attributes of a node.

Returns:

Array of attributes.

DoDOMNextSibling()

Returns next sibling element for this one.

Returns:

Next sibling element.

DoDOMParent()

Returns parent element having this element.

Returns:

Parent element.

DoDOMPrevSibling()

Return previous sibling element for this one.

Returns:

Previous sibling element.

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DoDOMQueryXPath(xpath)

Gets array of elements matching XPath query on this object.

Parameters:

Name	Туре	Description
xpath	string	Xpath query.

Returns:

Array of matched elements.

DoDOMRoot()

Returns Root element having this element.

Returns:

Root element having this element.

DoEnsureVisible()

Makes sure specified element is visible on the screen.

Returns

Rectangle of the element if it became visible, 'null' otherwise.

DoGetRect()

Finds screen rectangle for this object.

Returns:

Object {x, y, w, h}

DoRemoveSelection(optionText)

Unselect of specified option in multi-select element.

Parameters:

Name	Туре	Description
optionText	string	Element to remove selection

Returns:

'true' if successful, 'false' otherwise'

DoSelect(txt)

Selects specified element in <select> control.

Parameters:

Name	Туре	Description
txt	string	Element to select

Returns:

'true' if successful, 'false' otherwise'

DoSetCheck(bcheck)

Sets specified state of check box.

Parameters:

Name	Туре	Description
bcheck	boolean	State to set

Returns:

'true' if successful, 'false' otherwise'

DoSetText(txt)

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Sets text for input edit or textarea.

Parameters:

Name	Туре	Description
txt	string	Text to set

Returns:

'true' if successful, 'false' otherwise'

Behavior Pattern: HTMLFirefoxFlashBehavior

DotNetMenuBar Top Previous Next

Standard .NET menu bar.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description	
<u>DoAction</u>	Performs default action for an object.	
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.	
<u>DoClick</u>	Performs left click at the center of an object.	
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.	
<u>DoLButtonDown</u>	Performs left mouse button down.	
<u>DoLButtonUp</u>	Performs left mouse button up.	
DoLClick	Performs a left click at the center of an object or at the specified location.	
DoLDClick	Performs a left double click at the center of an object or at the specified location.	
<u>DoMButtonDown</u>	Performs middle mouse button down.	
<u>DoMButtonUp</u>	Performs middle mouse button up.	
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.	
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.	
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.	
<u>DoRButtonDown</u>	Performs right mouse button down.	
<u>DoRButtonUp</u>	Performs right mouse button up.	
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.	
DoRDClick	Performs a right double click at the center of an object or at the specified location.	
<u>DoSendKeys</u>	Sends series of keystrokes to an object.	

Property Detail

Bitmap

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UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" -

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		middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

DotNetToolbarButton

Top Previous Next

Standard .NET toolbar button. Use DoAction to press it.

Behavior Pattern: Win32Pressable

Action Summary

Action	Description
<u>DoAction</u>	Presses the button.

Action Detail

DoAction()Presses the button.

FlexAccordion Top Previous Next

FlexAccordion

Behavior Pattern: FlexAccordionBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
AutomationName		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColor	
BackgroundImage		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
ClassName		GetClassName	
CreationIndex		GetCreationIndex	
CreationPolicy		GetCreationPolicy	
CurrentState		GetCurrentState	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FillAlphas		GetFillAlphas	
FillColors		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
FontFamily		GetFontFamily	
FontSize		GetFontSize	
<u>FontStyle</u>		GetFontStyle	
<u>FontWeight</u>		GetFontWeight	
<u>HeaderHeight</u>		GetHeaderHeight	
Height		GetHeight	
<u>HorizontalGap</u>		GetHorizontalGap	
<u>ld</u>		Getld	
Label		GetLabel	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
NumChildren		GetNumChildren	
<u>PaddingBottom</u>		GetPaddingBottom	
PaddingTop		GetPaddingTop	
PercentHeight		GetPercentHeight	
PercentWidth		GetPercentWidth	
ScaleX		GetScaleX	
ScaleY		GetScaleY	

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<u>SelectedChild</u>	GetSelectedChild
SelectedIndex	GetSelectedIndex
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
Tablndex	GetTabIndex
<u>TextSelectedColor</u>	GetTextSelectedColor
<u>ThemeColor</u>	GetThemeColor
ToolTip	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>VerticalGap</u>	GetVerticalGap
<u>Visible</u>	GetVisible
<u>Width</u>	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChange</u>	
<u>DoChangeFocus</u>	
<u>DoClick</u>	
DoDragCancel	
<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
DoScroll	
DoType	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

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ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

HeaderHeight

Accessors: GetHeaderHeight

Height

Accessors: GetHeight

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HorizontalGap

Accessors: GetHorizontalGap

ld

Accessors: GetId

Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PaddingBottom

Accessors: GetPaddingBottom

PaddingTop

Accessors: GetPaddingTop

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SelectedChild

Accessors: GetSelectedChild

SelectedIndex

Accessors: GetSelectedIndex

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextSelectedColor

Accessors: GetTextSelectedColor

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ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

VerticalGap

Accessors: GetVerticalGap

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChange(relatedObject)

Parameters:

Name	Туре	Description
relatedObject	String	Optional, Default: mouse.

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues flexControl flexShift flexAlt flexControlShift
		5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

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DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Туре	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description

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localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack
		Optional, Default: null.

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift

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4 flexAlt

3 flexControlShift

5 flexControlAlt

6 flexShiftAlt

7 flexControlShiftAlt

Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
<u>Class</u>	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width_	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

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Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

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DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name Type Description			
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("AF") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexAlert Top Previous Next

FlexAlert

Behavior Pattern: FlexAlertBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
<u>AutomationIndex</u>		GetAutomationIndex	
AutomationName		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	

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BackgroundDeaberColor	BackgroundColor	GetBackgroundColor
BacktoroundStep	<u>BackgroundDisabledColor</u>	GetBackgroundDisabledColor
Cancellader	<u>BackgroundImage</u>	GetBackgroundImage
Castonibate Creationibate Creationibate Creationibate Creationibate Currentistate Currentistate Certificationibate Currentistate Certificationibate Certificationi Certificationibate Ce	<u>BackgroundSize</u>	GetBackgroundSize
CreationIndex GetCreationIndex CreationPolicy GetCreationPolicy CurrentState GetCurrentState Default LittorFlag GetDefaultButtonFlag PropShadowFabled GetDefaultButtonFlag Enabled GetEnabled Enabled GetEnabled Enabled GetEnabled Enabled GetEnabled GetFloor GetFloor FinorCalor GetFloor GetFloor GetFloor FillAlphas GetFloor Fillow GetFloor Floor GetFloor	CancelLabel	GetCancelLabel
Creation Policy GetCorrentState CurrentState GetCurrentState CredutEntIntonFlag GetCorposhadowEnabled Enabled GetEnabled ErroColor GetEnabled ErroColor GetEnroColor ErroString GetFirerOstring FINAbhas GetFirerOstring FINAbhas GetFirex FILColors GetFirexX FlexX GetFiexX FlexX GetFiexX FlexX GetFiexX FlexX GetFontFanky GetFontFanked GetFontFanky GetFontStyle GetFontStyle FontStyle GetFontStyle FontStyle GetFontStyle FontWeight GetFontStyle FontWeight GetFontColors Header-Colors GetFontColors Header-Colors GetFeader-Colors Header-Colors GetFontGetFeader Header-Colors GetFeader-Floxing Header-Colors GetFloader-Floxing Header-Colors GetFloader-Floxing	<u>ClassName</u>	GetClassName
CurrentState GetCurrentState DefautibutionFlag GetDropShadowEnabled Concilination GetTropShadowEnabled Enabled GetEnabled ErrotCalor GetErrorColor ErrotString GetErrorString FillAlphas GetFlicAlphas FillColors GetFlicColors FlexY GetFlexX FlexY GetFlexX FlexY GetFloux Flox GetFortColors FlexY GetFortScalped FontScalped GetFortScalped FontScalped GetFortScalped GetFortScalped GetFortScalped Footscalped GetFortScalped Footscalped GetFortScalped GetItalped GetItalped GetItalped GetItalped <	CreationIndex	GetCreationIndex
DefaultivationFlag	CreationPolicy	GetCreationPolicy
DecoShadowEnabled GetDropShadowEnabled	<u>CurrentState</u>	GetCurrentState
Enabled Gelf-nabled Gelf-nabled ErrorColor Gelf-rorColor Gelf-rorC	<u>DefaultButtonFlag</u>	GetDefaultButtonFlag
ErrorColor	<u>DropShadowEnabled</u>	GetDropShadowEnabled
ErrorString	<u>Enabled</u>	GetEnabled
Fill Alphas	<u>ErrorColor</u>	GetErrorColor
FillColors	ErrorString	GetErrorString
FlexX GelFlexX GelFlexY FlexY GelFlexY FlexY FlexY FlexY FlexY FlexY FlexY FlexY FlexY FlexY FlexX GelFlexY FlexusEnabled GelFocusEnabled	<u>FillAlphas</u>	GetFillAlphas
Flexy	FillColors	GetFillColors
FocusEnabled GetFocusEnabled GetFocusEnabled GetFontEnally GetFontEnally GetFontEnally GetFontSize GetSize GetSize GetSize GetSize GetSize GetSize GetSize GetSize GetTontSize GetSize	FlexX	GetFlexX
FontSize	FlexY	GetFlexY
FontSize	FocusEnabled	GetFocusEnabled
EoniSize		GetFontFamily
FontWeight GetFontWeight GetFooterColors GetFooterColors GetFooterColors GetFooterColors GetFeaderColors GetFeaderColors GetHeaderHeight GetHeaderHeight GetHeaderHeight GetHeaderHeight GetHeaderHeight GetHeight GetHeight GetU GetU GetMouseEnabled GetNouEnabled GetPercentWidth GetPercentWidth GetPercentWidth GetPercentWidth GetPercentWidth GetPercentWidth GetPercentWidth GetPercentWidth GetScaleX GetTabChildren GetTabChildren GetTabChildren GetTabChildren GetTabChildren GetTabChildren GetTabChildren GetTabChildren GetTootTip GetTootT		
FontWeight GetFontWeight GetFooterColors GetFooterColors GetFooterColors GetFooterColors GetFeaderColors GetFeaderColors GetHeaderHeight GetHeaderHeight GetHeaderHeight GetHeaderHeight GetHeaderHeight GetHeight GetHeight GetU GetU GetMouseEnabled GetNouEnabled GetPercentWidth GetPercentWidth GetPercentWidth GetPercentWidth GetPercentWidth GetPercentWidth GetPercentWidth GetPercentWidth GetScaleX GetTabChildren GetTabChildren GetTabChildren GetTabChildren GetTabChildren GetTabChildren GetTabChildren GetTabChildren GetTootTip GetTootT		GetFontStyle
HeaderColors GetHeaderColors HeaderHeight GetHeaderHeight Height GetHeight Height GetHeight Height GetBet GetLabel GetLabel GetLabel GetLabel GetMouseEnabled GetMouseEnabled GetMouseEnabled GetNoLabel MouseEnabled GetNoLabel GetOkLabel GetOkLabel GetOkLabel GetPercentHeight GetPercentHeight GetPercentWidth GetPercentWidth GetPercentWidth GetPercentWidth GetScaleX GetScaleX GetScaleX GetScaleY GetScaleY GetScaleY GetScaleY GetStatus TabChidren GetTabChidren GetTabChidren GetTabChidren GetTabChidren GetTabChidren GetTabChidren GetTabChidren TabIndex GetText		
HeaderHeight GetHeaderHeight Height GetHeight GetHeight GetHeight Id GetId G	FooterColors	GetFooterColors
Height GetHeight GetId Label GetId Label GetLabel MouseEnabled GetMouseEnabled NoLabel GetNoLabel NoLabel GetNoLabel NumAutomationChildren GetNumAutomationChildren NumChildren GetNumChildren OkLabel GetOkLabel PercentHeight GetPercentHeight PercentWidth GetPercentWidth ScaleX GetScaleX ScaleY GetScaleX Status GetScaleY Status GetStatus TabEnabled GetTabEnabled TabEnabled GetTabEnabled TabIndex GetText Text GetText ThemeColor GetThemeColor Title GetTitle ToolTip GetToolTip UseHandCursor GetWidth X GetX Y GetY GetY GetY GetY GetTX Y		GetHeaderColors
Height GetHeight GetId Label GetId Label GetLabel MouseEnabled GetMouseEnabled NoLabel GetNoLabel NoLabel GetNoLabel NumAutomationChildren GetNumAutomationChildren NumChildren GetNumChildren OKLabel GetOKLabel PercentHeight GetPercentHeight PercentWidth GetPercentWidth ScaleX GetScaleX ScaleY GetScaleX Status GetScaleY Status GetStatus TabEnabled GetTabEnabled TabEnabled GetTabEnabled TabIndex GetText Text GetText ThemeColor GetThemeColor Title GetTitle ToolTip GetToolTip UseHandCursor GetWidth X GetX Y GetY GetY GetY GetY GetTX GetY	HeaderHeight	GetHeaderHeight
Id GetId Label GetLabel MouseEnabled GetMouseEnabled NoLabel GetNombationChildren NumAutomationChildren GetNumAutomationChildren NumChildren GetNumChildren OkLabel GetOkLabel PercentHeight GetPercentHeight PercentWidth GetPercentWidth ScaleX GetScaleX ScaleX GetScaleX ScaleY GetScaleY Status GetScaleY Status GetScaleY Status GetTabChildren TabChildren GetTabChildren TabEnabled GetTabChildren TabIndex GetTabLabled Text GetText ThemeColor GetText ThemeColor GetText ThemeColor GetText Use HandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetY	Height Height	
Label GetLabel MouseEnabled GetMouseEnabled NoLabel GetNoLabel NumAutomationChildren GetNumChildren NumChildren GetNumChildren OkLabel GetOkLabel PercentHeight GetPercentWidth ScaleX GetScaleX ScaleX GetScaleX ScaleY GetScaleY Status GetScaleY Status GetStatus TabChildren GetTabChildren TabEnabled GetTabEnabled TabIndex GetTabIndex Text GetText ThemeColor GetText Title GetTitle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetY	<u>ld</u>	
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OkLabel GetOkLabel PercentHeight GetPercentHeight PercentWidth GetPercentWidth ScaleX GetScaleX ScaleY GetScaleY Status GetStatus TabChildren GetTabChildren TabEnabled GetTabEnabled TabIndex GetTabIndex Text GetText ThemeColor GetThemeColor Title GetTitle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY		GetNumAutomationChildren
OkLabel GetOkLabel PercentHeight GetPercentHeight PercentWidth GetPercentWidth ScaleX GetScaleX ScaleY GetScaleY Status GetStatus TabChildren GetTabChildren TabEnabled GetTabEnabled TabIndex GetTabIndex Text GetText ThemeColor GetThemeColor Title GetTitle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY	NumChildren NumChildren	GetNumChildren
PercentWidth GetPercentWidth ScaleX GetScaleX ScaleY GetScaleY Status GetStatus TabChildren GetTabChildren TabEnabled GetTabEnabled TabIndex GetTabIndex Text GetText ThemeColor GetThemeColor Title GetTitle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY		GetOkLabel
ScaleX GetScaleX ScaleY GetScaleY Status GetStatus TabChildren GetTabChildren TabEnabled GetTabEnabled TabIndex GetTabIndex Text GetText ThemeColor GetThemeColor Title GetTitle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY	PercentHeight PercentHeight	GetPercentHeight
ScaleY GetScaleY Status GetStatus TabChildren GetTabChildren TabEnabled GetTabEnabled TabIndex GetTabIndex Text GetText ThemeColor GetThemeColor Title GetTitle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY	<u>PercentWidth</u>	GetPercentWidth
Status GetStatus TabChildren GetTabChildren TabEnabled GetTabEnabled TabIndex GetTabIndex Text GetText ThemeColor GetThemeColor Title GetTitle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY	ScaleX	GetScaleX
TabChildren GetTabChildren TabEnabled GetTabEnabled TabIndex GetTabIndex Text GetText ThemeColor GetThemeColor Title GetTitle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY	ScaleY	GetScaleY
TabEnabled GetTabEnabled TabIndex GetTabIndex Text GetText ThemeColor GetThemeColor Title GetTitle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY	Status	GetStatus
TabIndex GetTabIndex Text GetText ThemeColor GetThemeColor Title GetTitle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY	<u>TabChildren</u>	GetTabChildren
Text GetText ThemeColor GetThemeColor Title GetTitle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY	<u>TabEnabled</u>	GetTabEnabled
ThemeColor GetThemeColor Title GetTitle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY	<u>TabIndex</u>	GetTabIndex
Title GetTitle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY	Text	GetText
ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY	<u>ThemeColor</u>	GetThemeColor
UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY	<u>Title</u>	GetTitle
UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth X GetX Y GetY	ToolTip	GetToolTip
Width GetWidth X GetX Y GetY	<u>UseHandCursor</u>	GetUseHandCursor
Width GetWidth X GetX Y GetY	<u>Visible</u>	GetVisible
X GetX Y GetY		GetWidth
<u>Y</u> GetY		

Action Summary

Action	Description	
DoChangeFocus		
DoClick		
DoDragCancel		

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<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
DoScroll	
<u>DoType</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

CancelLabel

Accessors: GetCancelLabel

ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

DefaultButtonFlag

Accessors: GetDefaultButtonFlag

DropShadowEnabled

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Accessors: GetDropShadowEnabled

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

FooterColors

Accessors: GetFooterColors

HeaderColors

Accessors: GetHeaderColors

HeaderHeight

Accessors: GetHeaderHeight

Height

Accessors: GetHeight

ld

Accessors: GetId

Label

Accessors: GetLabel

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MouseEnabled

Accessors: GetMouseEnabled

NoLabel

Accessors: GetNoLabel

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

OkLabel

Accessors: GetOkLabel

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

Status

Accessors: GetStatus

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

Text

Accessors: GetText

ThemeColor

Accessors: GetThemeColor

Title

Accessors: GetTitle

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

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Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

YesLabel

Accessors: GetYesLabel

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

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DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Type	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoMouseScroll(delta)

Parameters:

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Name	Туре	Description
delta	Number	Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack
		Optional, Default: null.

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	

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<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description	
<u>DoAction</u>	Performs default action for an object.	
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.	
<u>DoClick</u>	Performs left click at the center of an object.	
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.	
<u>DoLButtonDown</u>	Performs left mouse button down.	
<u>DoLButtonUp</u>	Performs left mouse button up.	
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.	
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.	
<u>DoMButtonDown</u>	Performs middle mouse button down.	
<u>DoMButtonUp</u>	Performs middle mouse button up.	
DoMClick	Performs a middle click at the center of an object or at the specified location.	
DoMDClick	Performs a middle double click at the center of an object or at the specified location.	
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.	
<u>DoRButtonDown</u>	Performs right mouse button down.	
<u>DoRButtonUp</u>	Performs right mouse button up.	
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.	
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.	
<u>DoSendKeys</u>	Sends series of keystrokes to an object.	

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

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WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description	
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.	
xOffset	number	K offset to click within object. Default is a center. Optional.	
yOffset	number	X offset to click within object. Default is a center. Optional.	

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

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DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See <u>MSDN Article for SendKeys</u>

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexApplication

Behavior Pattern: FlexApplicationBehavior

Property Summary

Property	Description Get	etter	Setter
<u>Alpha</u>	Get	etAlpha	
<u>AutomationClassName</u>	Get	etAutomationClassName	
AutomationIndex	Get	etAutomationIndex	
<u>AutomationName</u>	Get	etAutomationName	
<u>BackgroundAlpha</u>	Get	etBackgroundAlpha	
BackgroundColor	Get	etBackgroundColor	
BackgroundDisabledColor	Get	etBackgroundDisabledColor	
BackgroundImage	Get	etBackgroundImage	
<u>BackgroundSize</u>	Get	etBackgroundSize	
ClassName	Get	etClassName	
CreationIndex	Get	etCreationIndex	
CreationPolicy	Get	etCreationPolicy	
<u>CurrentState</u>	Get	etCurrentState	
<u>Direction</u>	Get	etDirection	
Enabled	Get	etEnabled	
ErrorColor	Get	tErrorColor	
ErrorString	Get	etErrorString	
FillAlphas	Get	etFillAlphas	
<u>FillColors</u>	Get	etFillColors	
FlexX	Get	etFlexX	
<u>FlexY</u>	Get	etFlexY	
FocusEnabled	Get	tFocusEnabled	
<u>FontFamily</u>	Get	etFontFamily	
<u>FontSize</u>	Get	etFontSize	

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<u>FontStyle</u>	GetFontStyle
FontWeight	GetFontWeight
<u>Height</u>	GetHeight
<u>HorizontalAlign</u>	GetHorizontalAlign
<u>Id</u>	Getld
Label	GetLabel
<u>MouseEnabled</u>	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
NumChildren	GetNumChildren
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
ScaleX	GetScaleX
ScaleY	GetScaleY
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
TabIndex	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>Url</u>	GetUrl
<u>UseHandCursor</u>	GetUseHandCursor
<u>VerticalAlign</u>	GetVerticalAlign
<u>Visible</u>	GetVisible
Width	GetWidth
X	GetX
Y	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
DoDragCancel	
DoDragDrop	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
<u>DoScroll</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

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BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Direction

Accessors: GetDirection

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

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FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

HorizontalAlign

Accessors: GetHorizontalAlign

ld

Accessors: GetId

Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

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Url

Accessors: GetUrl

UseHandCursor

Accessors: GetUseHandCursor

VerticalAlign

Accessors: GetVerticalAlign

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift

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4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Type	Description
String	
String	Optional.
Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
	String String

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Type	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt

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	7 flexControlShiftAlt
	Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	
		Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack Optional, Default: null.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

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Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

Y

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

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Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

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Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
V	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexAreaChart

Behavior Pattern: FlexAreaChartBehavior

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
ClassName		GetClassName	
ClipContent		GetClipContent	
CurrentState		GetCurrentState	
<u>DataTipLayerIndex</u>		GetDataTipLayerIndex	
<u>DataTipMode</u>		GetDataTipMode	
Description		GetDescription	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>FontFamily</u>		GetFontFamily	
<u>FontSize</u>		GetFontSize	
GutterBottom		GetGutterBottom	
GutterLeft		GetGutterLeft	
GutterRight		GetGutterRight	
GutterTop		GetGutterTop	
<u>Height</u>		GetHeight	
<u>HorizontalAxisRatio</u>		GetHorizontalAxisRatio	
<u>Id</u>		GetId	
MaximumDataTipCount		GetMaximumDataTipCount	
<u>MouseEnabled</u>		GetMouseEnabled	
<u>MouseSensitivity</u>		GetMouseSensitivity	
<u>NumAutomationChildren</u>		GetNumAutomationChildren	
<u>PaddingBottom</u>		GetPaddingBottom	
<u>PaddingLeft</u>		GetPaddingLeft	
<u>PaddingRight</u>		GetPaddingRight	

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<u>PaddingTop</u>	GetPaddingTop
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
ScaleX	GetScaleX
ScaleY	GetScaleY
ShowDataTips	GetShowDataTips
<u>ShowDataTipTargets</u>	GetShowDataTipTargets
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
TabIndex	GetTabIndex
<u>TextAlign</u>	GetTextAlign
<u>ThemeColor</u>	GetThemeColor
ToolTip	GetToolTip
<u>Type</u>	GetType
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
Width	GetWidth
X	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

ClipContent

Accessors: GetClipContent

CurrentState

Accessors: GetCurrentState

DataTipLayerIndex

Accessors: GetDataTipLayerIndex

DataTipMode

Accessors: GetDataTipMode

Description

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Accessors: GetDescription

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

GutterBottom

Accessors: GetGutterBottom

GutterLeft

Accessors: GetGutterLeft

GutterRight

Accessors: GetGutterRight

GutterTop

Accessors: GetGutterTop

Height

Accessors: GetHeight

HorizontalAxisRatio

Accessors: GetHorizontalAxisRatio

ld

Accessors: GetId

MaximumDataTipCount

Accessors: GetMaximumDataTipCount

MouseEnabled

Accessors: GetMouseEnabled

MouseSensitivity

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Accessors: GetMouseSensitivity

NumAutomationChildren

Accessors: GetNumAutomationChildren

PaddingBottom

Accessors: GetPaddingBottom

PaddingLeft

Accessors: GetPaddingLeft

PaddingRight

Accessors: GetPaddingRight

PaddingTop

Accessors: GetPaddingTop

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

ShowDataTips

Accessors: GetShowDataTips

ShowDataTipTargets

Accessors: GetShowDataTipTargets

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

Type

Accessors: GetType

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UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt

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	flexShiftAlt flexControlShiftAlt

Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
DoClick	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
DoMDClick	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white). Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

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Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

Х

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

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DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
V	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

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Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
kevs	strina	A sequence of keystrokes.

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FlexAreaSeries

Behavior Pattern: FlexAreaSeriesBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
AutomationName		GetAutomationName	
ClassName		GetClassName	
<u>CurrentState</u>		GetCurrentState	
Enabled		GetEnabled	

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<u>ErrorColor</u>	GetErrorColor
ErrorString	GetErrorString
FlexX	GetFlexX
FlexY	GetFlexY
FocusEnabled	GetFocusEnabled
<u>Form</u>	GetForm
<u>Height</u>	GetHeight
<u>ld</u>	GetId
MinField	GetMinField
<u>MouseEnabled</u>	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
PercentHeight	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
Radius	GetRadius
ScaleX	GetScaleX
ScaleY	GetScaleY
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
Width	GetWidth
X	GetX
XField	GetXField
<u>Y</u>	GetY
YField	GetYField

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoDoubleClick</u>	
<u>DoltemRollOver</u>	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

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Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Form

Accessors: GetForm

Height

Accessors: GetHeight

ld

Accessors: GetId

MinField

Accessors: GetMinField

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

Radius

Accessors: GetRadius

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

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TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

XField

Accessors: GetXField

Υ

Accessors: GetY

YField

Accessors: GetYField

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description	
shiftKey	Boolean	Optional, Default: false.	
keyCode	String	Optional, Default: TAB.	

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt

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7 flexControlShiftAlt	
Optional, Default: 0.	

DoDoubleClick(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoltemRollOver(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.

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<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

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Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

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'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys('^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexAxisRenderer

Behavior Pattern: FlexAxisRendererBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
CanDropLabels		GetCanDropLabels	
<u>CanStagger</u>		GetCanStagger	
<u>ClassName</u>		GetClassName	
<u>CurrentState</u>		GetCurrentState	
<u>Enabled</u>		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>Height</u>		GetHeight	
<u>HeightLimit</u>		GetHeightLimit	
<u>Id</u>		GetId	
LabelGap		GetLabelGap	
LabelRotation		GetLabelRotation	
<u>Length</u>		GetLength	
MinorTickLength		GetMinorTickLength	
MinorTickPlacement		GetMinorTickPlacement	
<u>MinorTicks</u>		GetMinorTicks	
<u>MouseEnabled</u>		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
PercentHeight		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
Placement		GetPlacement	
<u>ScaleX</u>		GetScaleX	
ScaleY		GetScaleY	
ShowLabels		GetShowLabels	
ShowLine		GetShowLine	
<u>TabChildren</u>		GetTabChildren	
TabEnabled		GetTabEnabled	

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TabIndex	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>TickLength</u>	GetTickLength
<u>TickPlacement</u>	GetTickPlacement
<u>Ticks</u>	GetTicks
ToolTip	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
Width	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

CanDropLabels

Accessors: GetCanDropLabels

CanStagger

Accessors: GetCanStagger

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

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FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

HeightLimit

Accessors: GetHeightLimit

ld

Accessors: GetId

LabelGap

Accessors: GetLabelGap

LabelRotation

Accessors: GetLabelRotation

Length

Accessors: GetLength

MinorTickLength

Accessors: GetMinorTickLength

MinorTickPlacement

Accessors: GetMinorTickPlacement

MinorTicks

Accessors: GetMinorTicks

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

Placement

Accessors: GetPlacement

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

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ShowLabels

Accessors: GetShowLabels

ShowLine

Accessors: GetShowLine

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

TickLength

Accessors: GetTickLength

TickPlacement

Accessors: GetTickPlacement

Ticks

Accessors: GetTicks

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB

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DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Type	Description
Number	Optional, Default: 0.
Number	Optional, Default: 0.
Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
	Number Number

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
<u>WindowText</u>	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description	
<u>DoAction</u>	Performs default action for an object.	
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.	

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<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
DoLButtonUp	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
DoMButtonDown	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

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DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys('^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexBarChart

Behavior Pattern: FlexBarChartBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>BarWidthRatio</u>		GetBarWidthRatio	
<u>ClassName</u>		GetClassName	
ClipContent		GetClipContent	
CurrentState		GetCurrentState	
<u>DataTipLayerIndex</u>		GetDataTipLayerIndex	
<u>DataTipMode</u>		GetDataTipMode	
Description		GetDescription	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
<u>ErrorString</u>		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>FontFamily</u>		GetFontFamily	
<u>FontSize</u>		GetFontSize	
GutterBottom		GetGutterBottom	
<u>GutterLeft</u>		GetGutterLeft	
GutterRight		GetGutterRight	
GutterTop		GetGutterTop	
<u>Height</u>		GetHeight	
<u>HorizontalAxisRatio</u>		GetHorizontalAxisRatio	
<u>Id</u>		GetId	
MaxBarWidth		GetMaxBarWidth	
MaximumDataTipCount		GetMaximumDataTipCount	
MouseEnabled		GetMouseEnabled	
<u>MouseSensitivity</u>		GetMouseSensitivity	
<u>NumAutomationChildren</u>		GetNumAutomationChildren	
<u>PaddingBottom</u>		GetPaddingBottom	
PaddingLeft		GetPaddingLeft	
<u>PaddingRight</u>		GetPaddingRight	
PaddingTop		GetPaddingTop	
	:	•	

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<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
ScaleX	GetScaleX
<u>ScaleY</u>	GetScaleY
<u>ShowDataTips</u>	GetShowDataTips
<u>ShowDataTipTargets</u>	GetShowDataTipTargets
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
TabIndex	GetTabIndex
<u>TextAlign</u>	GetTextAlign
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
Width	GetWidth
X	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BarWidthRatio

Accessors: GetBarWidthRatio

ClassName

Accessors: GetClassName

ClipContent

Accessors: GetClipContent

CurrentState

Accessors: GetCurrentState

DataTipLayerIndex

Accessors: GetDataTipLayerIndex

DataTipMode

Accessors: GetDataTipMode

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Description

Accessors: GetDescription

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

GutterBottom

Accessors: GetGutterBottom

GutterLeft

Accessors: GetGutterLeft

GutterRight

Accessors: GetGutterRight

GutterTop

Accessors: GetGutterTop

Height

Accessors: GetHeight

HorizontalAxisRatio

Accessors: GetHorizontalAxisRatio

ld

Accessors: GetId

MaxBarWidth

Accessors: GetMaxBarWidth

MaximumDataTipCount

Accessors: GetMaximumDataTipCount

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MouseEnabled

Accessors: GetMouseEnabled

MouseSensitivity

Accessors: GetMouseSensitivity

NumAutomationChildren

Accessors: GetNumAutomationChildren

PaddingBottom

Accessors: GetPaddingBottom

PaddingLeft

Accessors: GetPaddingLeft

PaddingRight

Accessors: GetPaddingRight

PaddingTop

Accessors: GetPaddingTop

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

ShowDataTips

Accessors: GetShowDataTips

ShowDataTipTargets

Accessors: GetShowDataTipTargets

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

ThemeColor

Accessors: GetThemeColor

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ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift

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flexAlt

3 ${\it flex} Control Shift$

5 flexControlAlt

6 flexShiftAlt

flexControlShiftAlt

Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
<u>Class</u>	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width_	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white). Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

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Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

Х

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

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DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

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DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("AF") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexBarSeries

Behavior Pattern: FlexBarSeriesBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
<u>AutomationIndex</u>		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>BarWidthRatio</u>		GetBarWidthRatio	

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ClassName	GetClassName
<u>CurrentState</u>	GetCurrentState
<u>Enabled</u>	GetEnabled
<u>ErrorColor</u>	GetErrorColor
<u>ErrorString</u>	GetErrorString
FlexX	GetFlexX
FlexY	GetFlexY
<u>FocusEnabled</u>	GetFocusEnabled
<u>Height</u>	GetHeight
<u>ld</u>	GetId
<u>MaxBarWidth</u>	GetMaxBarWidth
MinField	GetMinField
<u>MouseEnabled</u>	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>Offset</u>	GetOffset
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
<u>ScaleX</u>	GetScaleX
ScaleY	GetScaleY
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
Width	GetWidth
<u>X</u>	GetX
XField	GetXField
<u>Y</u>	GetY
YField	GetYField

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoDoubleClick</u>	
<u>DoltemRollOver</u>	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BarWidthRatio

Accessors: GetBarWidthRatio

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ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

ld

Accessors: GetId

MaxBarWidth

Accessors: GetMaxBarWidth

MinField

Accessors: GetMinField

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

Offset

Accessors: GetOffset

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

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ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

XField

Accessors: GetXField

Υ

Accessors: GetY

YField

Accessors: GetYField

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description

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keyModifier	Number	
		FlexKeyModifierValues
		1 flexControl
		2 flexShift
		4 flexAlt
		3 flexControlShift
		5 flexControlAlt
		6 flexShiftAlt
		7 flexControlShiftAlt
		Optional, Default: 0.

DoDoubleClick(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoltemRollOver(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText

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<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
Y	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

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X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
v	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

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Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexBox

Behavior Pattern: FlexBoxBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColor	
<u>BackgroundImage</u>		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
ClassName		GetClassName	
CreationIndex		GetCreationIndex	
CreationPolicy		GetCreationPolicy	
<u>CurrentState</u>		GetCurrentState	
Direction		GetDirection	
Enabled		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
<u>FillAlphas</u>		GetFillAlphas	
<u>FillColors</u>		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>FontFamily</u>		GetFontFamily	
FontSize		GetFontSize	
<u>FontStyle</u>		GetFontStyle	
<u>FontWeight</u>		GetFontWeight	
<u>Height</u>		GetHeight	

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<u>HorizontalAlign</u>	GetHorizontalAlign
<u>ld</u>	Getld
Label	GetLabel
<u>MouseEnabled</u>	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>NumChildren</u>	GetNumChildren
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
ScaleX	GetScaleX
ScaleY	GetScaleY
<u>TabChildren</u>	GetTabChildren
TabEnabled	GetTabEnabled
TabIndex	GetTabIndex
ThemeColor	GetThemeColor
ToolTip	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>VerticalAlign</u>	GetVerticalAlign
Visible	GetVisible
Width	GetWidth
X	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoDragCancel</u>	
<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
DoMouseScroll	
DoScroll	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

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Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Direction

Accessors: GetDirection

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

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Accessors: GetFontWeight

Height

Accessors: GetHeight

HorizontalAlign

Accessors: GetHorizontalAlign

ld

Accessors: GetId

Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

VerticalAlign

Accessors: GetVerticalAlign

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Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Type	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

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Parameters:

Name	Туре	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	
		Optional, Default: 0.

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DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack
		Optional, Default: null.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.

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<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
DoRButtonDown	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
DoSendKeys	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

|--|

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path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
V	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

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Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexBubbleSeries

Behavior Pattern: FlexBubbleSeriesBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
ClassName		GetClassName	
<u>CurrentState</u>		GetCurrentState	
<u>Enabled</u>		GetEnabled	
ErrorColor		GetErrorColor	
<u>ErrorString</u>		GetErrorString	
<u>FlexX</u>		GetFlexX	
<u>FlexY</u>		GetFlexY	
<u>FocusEnabled</u>		GetFocusEnabled	
<u>Height</u>		GetHeight	
<u>Id</u>		GetId	
MaxRadius		GetMaxRadius	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
<u>PercentHeight</u>		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
RadiusField		GetRadiusField	
ScaleX		GetScaleX	
<u>ScaleY</u>		GetScaleY	
<u>TabChildren</u>		GetTabChildren	
<u>TabEnabled</u>		GetTabEnabled	
TabIndex		GetTabIndex	
<u>ThemeColor</u>		GetThemeColor	
<u>ToolTip</u>		GetToolTip	
<u>UseHandCursor</u>		GetUseHandCursor	
<u>Visible</u>		GetVisible	
<u>Width</u>		GetWidth	
<u>X</u>		GetX	
<u>XField</u>		GetXField	
<u>Y</u>		GetY	
YField		GetYField	

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
DoDoubleClick	
<u>DoltemRollOver</u>	
<u>DoMouseMove</u>	

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Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

ld

Accessors: GetId

MaxRadius

Accessors: GetMaxRadius

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

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Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

RadiusField

Accessors: GetRadiusField

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

XField

Accessors: GetXField

Υ

Accessors: GetY

YField

Accessors: GetYField

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

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Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDoubleClick(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoltemRollOver(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

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Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.

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Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
У	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

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DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Description

Parameters:

Name

keys	string	A sequence of keystrokes.

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FlexButton

Behavior Pattern: FlexButtonBehavior

Type

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>ClassName</u>		GetClassName	
Color		GetColor	
CurrentState		GetCurrentState	
DisabledColor		GetDisabledColor	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FillAlphas		GetFillAlphas	
FillColors		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusAlpha		GetFocusAlpha	

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<u>FocusEnabled</u>	GetFocusEnabled
<u>FontFamily</u>	GetFontFamily
<u>FontSize</u>	GetFontSize
<u>FontStyle</u>	GetFontStyle
<u>FontWeight</u>	GetFontWeight
<u>Height</u>	GetHeight
<u>ld</u>	Getld
Label	GetLabel
LabelPlacement	GetLabelPlacement
MouseEnabled	GetMouseEnabled
NumAutomationChildren	GetNumAutomationChildren
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
ScaleX	GetScaleX
ScaleY	GetScaleY
Selected	GetSelected
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>TextAlign</u>	GetTextAlign
<u>TextDecoration</u>	GetTextDecoration
<u>TextIndent</u>	GetTextIndent
<u>TextRollOverColor</u>	GetTextRollOverColor
<u>TextSelectedColor</u>	GetTextSelectedColor
<u>ThemeColor</u>	GetThemeColor
Toggle	GetToggle
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
Visible	GetVisible
Width	GetWidth
X	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoMouseMove</u>	
DoType	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

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Color

Accessors: GetColor

CurrentState

Accessors: GetCurrentState

DisabledColor

Accessors: GetDisabledColor

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusAlpha

Accessors: GetFocusAlpha

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

ld

Accessors: GetId

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Label

Accessors: GetLabel

LabelPlacement

Accessors: GetLabelPlacement

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

Selected

Accessors: GetSelected

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

TextDecoration

Accessors: GetTextDecoration

TextIndent

Accessors: GetTextIndent

TextRollOverColor

Accessors: GetTextRollOverColor

TextSelectedColor

Accessors: GetTextSelectedColor

ThemeColor

Accessors: GetThemeColor

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Toggle

Accessors: GetToggle

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	

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FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	Optional, Default: SPACE.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description	
<u>DoAction</u>	Performs default action for an object.	
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.	
<u>DoClick</u>	Performs left click at the center of an object.	
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.	
DoLButtonDown Performs left mouse button down.		
DoLButtonUp Performs left mouse button up.		
DoLClick	Performs a left click at the center of an object or at the specified location.	
DoLDClick	Performs a left double click at the center of an object or at the specified location.	
<u>DoMButtonDown</u>	Performs middle mouse button down.	
DoMButtonUp Performs middle mouse button up.		

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<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u> Performs a middle double click at the center of an object or at the specific	
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
DoRButtonDown	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
DoSendKeys	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

|--|

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path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
V	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("AF") - sends {CTRL} + {F}. See MSDN Article for SendKeys

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Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexButtonBar

Behavior Pattern: FlexButtonBarBehavior

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
AutomationName		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColo	r
BackgroundImage		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
<u>ClassName</u>		GetClassName	
<u>CreationIndex</u>		GetCreationIndex	
CreationPolicy		GetCreationPolicy	
CurrentState		GetCurrentState	
<u>Direction</u>		GetDirection	
Enabled		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
FillAlphas		GetFillAlphas	
FillColors		GetFillColors	
FlexX		GetFlexX	
-lexY		GetFlexY	
		GetFocusEnabled	
ontFamily		GetFontFamily	
-ontSize		GetFontSize	
ontStyle		GetFontStyle	
- ontWeight		GetFontWeight	
Height		GetHeight	
HorizontalAlign		GetHorizontalAlign	
<u>d</u>		Getld	
abel		GetLabel	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
NumChildren		GetNumChildren	
PercentHeight		GetPercentHeight	
PercentWidth		GetPercentWidth	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
SelectedIndex		GetSelectedIndex	
<u>FabChildren</u>		GetTabChildren	
ΓabEnabled		GetTabEnabled	
<u>FabIndex</u>		GetTablidex	
ThemeColor ToolTip		GetThemeColor GetToolTip	

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<u>UseHandCursor</u>	GetUseHandCursor	
<u>VerticalAlign</u>	GetVerticalAlign	
<u>Visible</u>	GetVisible	
Width	GetWidth	
<u>X</u>	GetX	
<u>Y</u>	GetY	

Action Summary

Action	Description
<u>DoChange</u>	
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoDragCancel</u>	
<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
DoScroll	
<u>DoType</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

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Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Direction

Accessors: GetDirection

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

HorizontalAlign

Accessors: GetHorizontalAlign

ld

Accessors: GetId

Label

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Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SelectedIndex

Accessors: GetSelectedIndex

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

VerticalAlign

Accessors: GetVerticalAlign

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

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Accessors: GetY

Action Detail

DoChange(relatedObject)

Parameters:

Name	Туре	Description
relatedObject	String	

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Type	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

keyModifier Number FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt	Name	Туре	Description
7 flexControlShiftAlt Optional, Default: 0.	keyModifier	Number	1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

|--|

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action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	Optional, Default: 0.

DoScroll(position, direction, detail)

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Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack
		Optional, Default: null.

DoType(keyCode, keyModifier)

Parameters:

FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	

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GetY

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
DoClick	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
DoMDClick	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

 ${\tt Accessors: GetWindowText, SetWindowText}$

X

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X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

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'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexCanvas

Behavior Pattern: FlexCanvasBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
AutomationClassName		GetAutomationClassName	
<u>AutomationIndex</u>		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColor	
BackgroundImage		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
<u>ClassName</u>		GetClassName	
<u>CreationIndex</u>		GetCreationIndex	
<u>CreationPolicy</u>		GetCreationPolicy	
<u>CurrentState</u>		GetCurrentState	
<u>Enabled</u>		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
-illAlphas		GetFillAlphas	
FillColors		GetFillColors	
-lexX		GetFlexX	
-lexY		GetFlexY	
ocusEnabled		GetFocusEnabled	
-ontFamily		GetFontFamily	
-ontSize		GetFontSize	
-ontStyle		GetFontStyle	
ontWeight		GetFontWeight	
<u>Height</u>		GetHeight	
<u>d</u>		Getld	
<u>abel</u>		GetLabel	
MouseEnabled_		GetMouseEnabled	

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<u>NumAutomationChildren</u>	GetNumAutomationChildren
NumChildren	GetNumChildren
<u>PercentHeight</u>	GetPercentHeight
PercentWidth	GetPercentWidth
ScaleX	GetScaleX
ScaleY	GetScaleY
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
<u>Width</u>	GetWidth
X	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoDragCancel</u>	
<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
DoScroll	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

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ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

ld

Accessors: GetId

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Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

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Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Туре	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

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	Optional, Default: 0.

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues

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1	
	1 flexAtBottom
	2 flexAtLeft
	3 flexAtRight
	4 flexAtTop
	5 flexLineDown
	6 flexLineLeft
	7 flexLineRight
	8 flexLineUp
	9 flexPageDown
	10 flexPageLeft
	11 flexPageRight
	12 flexPageUp
	13 flexThumbPosition
	14 flexThumbTrack
	0.11. 1.0.6.11. 11
	Optional, Default: null.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
<u>Width</u>	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
DoRButtonDown	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

BitmapUI Image of the object.

3/29/2012 Page 249 of 757 Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click

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		Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexCartesianChart

Behavior Pattern: FlexCartesianChartBehavior

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Property Summary

Property	Description	Getter	Setter
Alpha	·	GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
AutomationName		GetAutomationName	
ClassName		GetClassName	
ClipContent		GetClipContent	
CurrentState		GetCurrentState	
DataTipLayerIndex		GetDataTipLayerIndex	
DataTipMode		GetDataTipMode	
Description		GetDescription	
<u>Enabled</u>		GetEnabled	
ErrorColor		GetErrorColor	
<u>ErrorString</u>		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
		GetFontFamily	
FontFamily FontSize		GetFontSize	
FontSize			
GutterBottom		GetGutterBottom	
<u>GutterLeft</u>		GetGutterLeft	
<u>GutterRight</u>		GetGutterRight	
<u>GutterTop</u>		GetGutterTop	
<u>Height</u>		GetHeight	
<u>HorizontalAxisRatio</u>		GetHorizontalAxisRatio	
<u>ld</u>		GetId	
<u>MaximumDataTipCount</u>		GetMaximumDataTipCount	
<u>MouseEnabled</u>		GetMouseEnabled	
<u>MouseSensitivity</u>		GetMouseSensitivity	
<u>NumAutomationChildren</u>		GetNumAutomationChildren	
<u>PaddingBottom</u>		GetPaddingBottom	
PaddingLeft		GetPaddingLeft	
<u>PaddingRight</u>		GetPaddingRight	
<u>PaddingTop</u>		GetPaddingTop	
<u>PercentHeight</u>		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
<u>ShowDataTips</u>		GetShowDataTips	
<u>ShowDataTipTargets</u>		GetShowDataTipTargets	
<u>TabChildren</u>		GetTabChildren	
<u>TabEnabled</u>		GetTabEnabled	
<u>TabIndex</u>		GetTabIndex	
<u>TextAlign</u>		GetTextAlign	
<u>ThemeColor</u>		GetThemeColor	
<u>ToolTip</u>		GetToolTip	
UseHandCursor		GetUseHandCursor	
<u>Visible</u>		GetVisible	
Width		GetWidth	
<u>X</u>		GetX	

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	

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Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

ClipContent

Accessors: GetClipContent

CurrentState

Accessors: GetCurrentState

DataTipLayerIndex

Accessors: GetDataTipLayerIndex

DataTipMode

Accessors: GetDataTipMode

Description

Accessors: GetDescription

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

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FontSize

Accessors: GetFontSize

GutterBottom

Accessors: GetGutterBottom

GutterLeft

Accessors: GetGutterLeft

GutterRight

Accessors: GetGutterRight

GutterTop

Accessors: GetGutterTop

Height

Accessors: GetHeight

HorizontalAxisRatio

Accessors: GetHorizontalAxisRatio

ld

Accessors: GetId

MaximumDataTipCount

Accessors: GetMaximumDataTipCount

MouseEnabled

Accessors: GetMouseEnabled

MouseSensitivity

Accessors: GetMouseSensitivity

NumAutomationChildren

Accessors: GetNumAutomationChildren

PaddingBottom

Accessors: GetPaddingBottom

PaddingLeft

Accessors: GetPaddingLeft

PaddingRight

Accessors: GetPaddingRight

PaddingTop

Accessors: GetPaddingTop

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

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ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

ShowDataTips

Accessors: GetShowDataTips

ShowDataTipTargets

Accessors: GetShowDataTipTargets

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

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DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

lumber	Optional, Default: 0. Optional, Default: 0.
	Optional, Default: 0.
lumber	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
<u>Width</u>	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description	
<u>DoAction</u>	Performs default action for an object.	
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.	

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<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
DoMButtonDown	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
DoRButtonDown	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

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DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys('^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexChart

Behavior Pattern: FlexChartBehavior

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
ClassName		GetClassName	
ClipContent		GetClipContent	
<u>CurrentState</u>		GetCurrentState	
<u>DataTipLayerIndex</u>		GetDataTipLayerIndex	
<u>DataTipMode</u>		GetDataTipMode	
<u>Description</u>		GetDescription	
<u>Enabled</u>		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
<u>ErrorString</u>		GetErrorString	
<u>FlexX</u>		GetFlexX	
<u>FlexY</u>		GetFlexY	
<u>FocusEnabled</u>		GetFocusEnabled	
<u>FontFamily</u>		GetFontFamily	
<u>FontSize</u>		GetFontSize	
<u>Height</u>		GetHeight	
<u>Id</u>		GetId	
<u>MaximumDataTipCount</u>		GetMaximumDataTipCount	
MouseEnabled		GetMouseEnabled	
<u>MouseSensitivity</u>		GetMouseSensitivity	
NumAutomationChildren		GetNumAutomationChildren	
<u>PaddingBottom</u>		GetPaddingBottom	
<u>PaddingLeft</u>		GetPaddingLeft	
<u>PaddingRight</u>		GetPaddingRight	
<u>PaddingTop</u>		GetPaddingTop	
<u>PercentHeight</u>		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
<u>ScaleX</u>		GetScaleX	
<u>ScaleY</u>		GetScaleY	
<u>ShowDataTips</u>		GetShowDataTips	
<u>ShowDataTipTargets</u>		GetShowDataTipTargets	
<u>TabChildren</u>		GetTabChildren	

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<u>TabEnabled</u>	GetTabEnabled
TabIndex	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
Visible	GetVisible
Width	GetWidth
X	GetX
Y	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

ClipContent

Accessors: GetClipContent

CurrentState

Accessors: GetCurrentState

DataTipLayerIndex

Accessors: GetDataTipLayerIndex

DataTipMode

Accessors: GetDataTipMode

Description

Accessors: GetDescription

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

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Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

Height

Accessors: GetHeight

ld

Accessors: GetId

MaximumDataTipCount

Accessors: GetMaximumDataTipCount

MouseEnabled

Accessors: GetMouseEnabled

MouseSensitivity

Accessors: GetMouseSensitivity

NumAutomationChildren

Accessors: GetNumAutomationChildren

PaddingBottom

Accessors: GetPaddingBottom

PaddingLeft

Accessors: GetPaddingLeft

PaddingRight

Accessors: GetPaddingRight

PaddingTop

Accessors: GetPaddingTop

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

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ScaleY

Accessors: GetScaleY

ShowDataTips

Accessors: GetShowDataTips

ShowDataTipTargets

Accessors: GetShowDataTipTargets

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

rame Type Description	Name	Туре	Description
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keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
Y	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description	
<u>DoAction</u>	Performs default action for an object.	
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.	
<u>DoClick</u>	Performs left click at the center of an object.	
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.	
<u>DoLButtonDown</u>	Performs left mouse button down.	
DoLButtonUp	Performs left mouse button up.	
DoLClick	Performs a left click at the center of an object or at the specified location.	
DoLDClick	Performs a left double click at the center of an object or at the specified location.	

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<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
DoRButtonDown	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
DoSendKeys	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

 ${\bf Accessors: GetWindowText, SetWindowText}\\$

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Y

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

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Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description	
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.	
xOffset	number	X offset to click within object. Default is a center. Optional.	
yOffset	number	X offset to click within object. Default is a center. Optional.	

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

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DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexChartLegend

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FlexChartLegend

Behavior Pattern: FlexChartLegendBehavior

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>ClassName</u>		GetClassName	
CurrentState		GetCurrentState	
Enabled		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>FontWeight</u>		GetFontWeight	
Height		GetHeight	
<u>Id</u>		GetId	
Label		GetLabel	
<u>LabelPlacement</u>		GetLabelPlacement	
<u>MarkerAspectRatio</u>		GetMarkerAspectRatio	
<u>MarkerHeight</u>		GetMarkerHeight	
<u>MarkerWidth</u>		GetMarkerWidth	
<u>MouseEnabled</u>		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
<u>PaddingLeft</u>		GetPaddingLeft	
PaddingRight		GetPaddingRight	
<u>PercentHeight</u>		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
<u>TabChildren</u>		GetTabChildren	
TabEnabled		GetTabEnabled	
TabIndex		GetTabIndex	
<u>ThemeColor</u>		GetThemeColor	
ToolTip		GetToolTip	
<u>UseHandCursor</u>		GetUseHandCursor	
<u>VerticalGap</u>		GetVerticalGap	
Visible		GetVisible	
Width		GetWidth	
<u>X</u>		GetX	
<u>Y</u>		GetY	

Action Summary

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Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

ld

Accessors: GetId

Label

Accessors: GetLabel

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LabelPlacement

Accessors: GetLabelPlacement

MarkerAspectRatio

Accessors: GetMarkerAspectRatio

MarkerHeight

Accessors: GetMarkerHeight

MarkerWidth

Accessors: GetMarkerWidth

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PaddingLeft

Accessors: GetPaddingLeft

PaddingRight

Accessors: GetPaddingRight

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

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VerticalGap

Accessors: GetVerticalGap

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Boldan. C.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt

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7 flexControlShiftAlt
Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
<u>Class</u>	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description	
<u>DoAction</u>	Performs default action for an object.	
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.	
<u>DoClick</u>	Performs left click at the center of an object.	
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.	
<u>DoLButtonDown</u>	Performs left mouse button down.	
<u>DoLButtonUp</u>	Performs left mouse button up.	
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.	
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.	
<u>DoMButtonDown</u>	Performs middle mouse button down.	
<u>DoMButtonUp</u>	Performs middle mouse button up.	
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.	
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.	
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.	
<u>DoRButtonDown</u>	Performs right mouse button down.	
<u>DoRButtonUp</u>	Performs right mouse button up.	
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.	
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.	
<u>DoSendKeys</u>	Sends series of keystrokes to an object.	

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white). Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

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Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

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Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexChartSeries

Behavior Pattern: FlexChartSeriesBehavior

Property Summary

Property	Description	Getter Setter
<u>Alpha</u>		GetAlpha
<u>AutomationClassName</u>		GetAutomationClassName
AutomationIndex		GetAutomationIndex
<u>AutomationName</u>		GetAutomationName
ClassName		GetClassName
CurrentState		GetCurrentState
Enabled		GetEnabled
<u>ErrorColor</u>		GetErrorColor
ErrorString		GetErrorString

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FlexX	GetFlexX
FlexY	GetFlexY
<u>FocusEnabled</u>	GetFocusEnabled
<u>Height</u>	GetHeight
<u>ld</u>	Getld
<u>MouseEnabled</u>	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>PercentHeight</u>	GetPercentHeight
PercentWidth	GetPercentWidth
ScaleX	GetScaleX
ScaleY	GetScaleY
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
TabIndex	GetTabIndex
ThemeColor	GetThemeColor
ToolTip	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
Width	GetWidth
X	GetX
Y	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoDoubleClick</u>	
<u>DoltemRollOver</u>	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

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ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

ld

Accessors: GetId

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

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Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDoubleClick(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoltemRollOver(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description

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localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
State	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
DoClick	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

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BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center.

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		Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

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Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexCheckBox

Behavior Pattern: FlexCheckBoxBehavior

Property Summary

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Automation/LassName Automation/LassName Automation/LassName Automation/LassName Automation/LassName GebAutomation/Name GebAutom	Property	Description	Getter	Setter
AutomationclassName			GetAlpha	
AutomationIndex AutomationIndex AutomationName GeRAutomationName GeRAutomationName GeRClassName GerClassName GerClassName GerClassName GerClassName GerCore GerCore GerCore GerCore GerCore GerEmorColor				
AutomationName GelAutomationName GelAutomationName Gelashame GelColor GelDasbledColor GelDasbledColor GelEmotColor Gel			GetAutomationIndex	
GetClassName			GetAutomationName	
Color			GetClassName	
DisabledColor			GetColor	
Enabled GetEnabled GetFillColars GetFillColar	<u>CurrentState</u>		GetCurrentState	
ErrorColor	<u>DisabledColor</u>		GetDisabledColor	
GelErrorString GelErrorString GelFinAlphas GelFillAlphas GelFillAlphas GelFillAlphas GelFillAlphas GelFillAlphas GelFillColors GelFillColors GelFillAlphas GelFocus GelFillAlphas GelFocus GelFillAlphas GelFocus GelFillAlphas GelFocus GelFont GelFocus GelFont Gel	Enabled		GetEnabled	
FillAlphas GetFillAlphas GetFillColors	<u>ErrorColor</u>		GetErrorColor	
FillColors	ErrorString		GetErrorString	
Flex	FillAlphas			
FlexY	<u>FillColors</u>		GetFillColors	
FocusAlpha GetFocusAlpha GetFocusAlpha GetFocusAlpha GetFocusEnabled GetFocusEnabled GetFontFamily GetFontFamily GetFontStrize GetLock Getted GetLock Getted GetLock Getted GetLock GetNumAutomationChildren GetNumAutomationChildren GetNumAutomationChildren GetPercentWidth GetPercentWidth GetPercentWidth GetPercentWidth GetPercentWidth GetScale G	<u>FlexX</u>		GetFlexX	
FocusEnabled GetFocusEnabled GetFocusEnabled FontSamily GetFontSize GetFontSize GetFontSize GetFontSize GetFontSixe GetFon	<u>FlexY</u>		GetFlexY	
FocusEnabled GetFocusEnabled GetFocusEnabled FontSamily GetFontSize GetFontSize GetFontSize GetFontSize GetFontSixe GetFon	FocusAlpha		GetFocusAlpha	
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TabEnabled GetTabEnabled TabIndex GetTabIndex TextAlign GetTextAlign TextDecoration GetTextDecoration TextIndent GetTextIndent TextRollOverColor GetTextRollOverColor TextSelectedColor GetTextSelectedColor ThemeColor GetThemeColor Toagle GetToggle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth			GetTabChildren	
TabIndex GetTabIndex TextAlign GetTextAlign TextDecoration GetTextDecoration TextIndent GetTextIndent TextRollOverColor GetTextRollOverColor TextSelectedColor GetTextSelectedColor ThemeColor GetThemeColor Toggle GetToggle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth			GetTabEnabled	
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TextDecoration GetTextDecoration TextIndent GetTextIndent TextRollOverColor GetTextRollOverColor TextSelectedColor GetTextSelectedColor ThemeColor GetThemeColor Toggle GetToggle ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth			GetTextAlign	
TextIndent TextRollOverColor GetTextRollOverColor TextSelectedColor GetTextSelectedColor ThemeColor Toggle GetToggle GetToggle GetToolTip GetToolTip UseHandCursor GetUseHandCursor Visible Width GetWidth				
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<u>X</u>				

Action Summary

Action	Description	
DoChangeFocus		
DoClick		
DoMouseMove		
DoType		

Property Detail

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Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

CurrentState

Accessors: GetCurrentState

DisabledColor

Accessors: GetDisabledColor

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusAlpha

Accessors: GetFocusAlpha

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

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FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

ld

Accessors: GetId

Label

Accessors: GetLabel

LabelPlacement

Accessors: GetLabelPlacement

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

Selected

Accessors: GetSelected

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

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TextDecoration

Accessors: GetTextDecoration

TextIndent

Accessors: GetTextIndent

TextRollOverColor

Accessors: GetTextRollOverColor

TextSelectedColor

Accessors: GetTextSelectedColor

ThemeColor

Accessors: GetThemeColor

Toggle

Accessors: GetToggle

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift

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4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoType(keyCode, keyModifier)

Parameters:

Name	Type	Description
keyCode	String	Optional, Default: SPACE.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText

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<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

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X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
У	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name Type Description			
x	number	X-coordinate of location relative to object's left border	
V	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

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Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexColorPicker Top Previous Next

FlexColorPicker

Behavior Pattern: FlexColorPickerBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundImage		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
ClassName		GetClassName	
Color		GetColor	
ColumnCount		GetColumnCount	
<u>CurrentState</u>		GetCurrentState	
<u>DisabledColor</u>		GetDisabledColor	
DropShadowEnabled		GetDropShadowEnabled	
Editable		GetEditable	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FillAlphas		GetFillAlphas	
FillColors		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>FontFamily</u>		GetFontFamily	
<u>FontSize</u>		GetFontSize	
<u>FontStyle</u>		GetFontStyle	
<u>FontWeight</u>		GetFontWeight	

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<u>Height</u>	GetHeight
<u>HighlightColor</u>	GetHighlightColor
<u>HorizontalScrollPolicy</u>	GetHorizontalScrollPolicy
<u>HorizontalScrollPosition</u>	GetHorizontalScrollPosition
<u>ld</u>	Getld
LiveScrolling	GetLiveScrolling
<u>MouseEnabled</u>	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
PercentHeight	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
Restrict	GetRestrict
ScaleX	GetScaleX
ScaleY	GetScaleY
SelectedColor	GetSelectedColor
SelectedIndex	GetSelectedIndex
ShowScrollTips	GetShowScrollTips
ShowTextField	GetShowTextField
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>Text</u>	GetText
<u>TextAlign</u>	GetTextAlign
<u>TextDecoration</u>	GetTextDecoration
TextIndent	GetTextIndent
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>VerticalScrollPolicy</u>	GetVerticalScrollPolicy
<u>VerticalScrollPosition</u>	GetVerticalScrollPosition
Visible	GetVisible
Width	GetWidth
X	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChange</u>	
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoClose</u>	
DoInput	
<u>DoMouseMove</u>	
<u>DoOpen</u>	
DoScroll	
<u>DoSelectText</u>	
DoType	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

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AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

ColumnCount

Accessors: GetColumnCount

CurrentState

Accessors: GetCurrentState

DisabledColor

Accessors: GetDisabledColor

DropShadowEnabled

Accessors: GetDropShadowEnabled

Editable

Accessors: GetEditable

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

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FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

HighlightColor

Accessors: GetHighlightColor

HorizontalScrollPolicy

Accessors: GetHorizontalScrollPolicy

HorizontalScrollPosition

Accessors: GetHorizontalScrollPosition

ld

Accessors: GetId

LiveScrolling

Accessors: GetLiveScrolling

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

Restrict

Accessors: GetRestrict

ScaleX

Accessors: GetScaleX

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ScaleY

Accessors: GetScaleY

SelectedColor

Accessors: GetSelectedColor

SelectedIndex

Accessors: GetSelectedIndex

ShowScrollTips

Accessors: GetShowScrollTips

ShowTextField

Accessors: GetShowTextField

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

Text

Accessors: GetText

TextAlign

Accessors: GetTextAlign

TextDecoration

Accessors: GetTextDecoration

TextIndent

Accessors: GetTextIndent

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

VerticalScrollPolicy

Accessors: GetVerticalScrollPolicy

VerticalScrollPosition

Accessors: GetVerticalScrollPosition

Visible

Accessors: GetVisible

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Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChange(color)

Parameters:

Name	Туре	Description
color	String	

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoClose(triggerEvent)

Parameters:

Name	Туре	Description
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.

DoInput(text)

Parameters:

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Name	Туре	Description
text	String	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoOpen(triggerEvent)

Parameters:

Name	Туре	Description
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack

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	Optional, Default: null.

DoSelectText(beginIndex, endIndex)

Parameters:

Name	Туре	Description
beginIndex	Number	
endIndex	Number	

DoType(keyCode, keyModifier)

Parameters:

Type	Description
String	
Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
<u>Width</u>	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
DoLButtonUp	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
DoMButtonDown	Performs middle mouse button down.
DoMButtonUp	Performs middle mouse button up.

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<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
DoRButtonDown	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
DoSendKeys	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

|--|

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path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
У	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
V	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
V	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

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Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexColumnChart

Behavior Pattern: FlexColumnChartBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
<u>AutomationIndex</u>		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
ClassName		GetClassName	
ClipContent		GetClipContent	
ColumnWidthRatio		GetColumnWidthRatio	
<u>CurrentState</u>		GetCurrentState	
<u>DataTipLayerIndex</u>		GetDataTipLayerIndex	
<u>DataTipMode</u>		GetDataTipMode	
Description		GetDescription	
<u>Enabled</u>		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>FontFamily</u>		GetFontFamily	
<u>FontSize</u>		GetFontSize	
GutterBottom		GetGutterBottom	
GutterLeft		GetGutterLeft	
<u>GutterRight</u>		GetGutterRight	
GutterTop		GetGutterTop	
<u>Height</u>		GetHeight	
<u>HorizontalAxisRatio</u>		GetHorizontalAxisRatio	
<u>ld</u>		Getld	
MaxColumnWidth		GetMaxColumnWidth	
MaximumDataTipCount		GetMaximumDataTipCount	
MouseEnabled		GetMouseEnabled	
MouseSensitivity		GetMouseSensitivity	
NumAutomationChildren		GetNumAutomationChildren	
<u>PaddingBottom</u>		GetPaddingBottom	
PaddingLeft		GetPaddingLeft	
PaddingRight		GetPaddingRight	
<u>PaddingTop</u>		GetPaddingTop	
PercentHeight		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
<u>ScaleX</u>		GetScaleX	
ScaleY		GetScaleY	
ShowDataTips		GetShowDataTips	
<u>ShowDataTipTargets</u>		GetShowDataTipTargets	
<u>TabChildren</u>		GetTabChildren	
TabEnabled		GetTabEnabled	

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TabIndex	GetTabIndex
TextAlign	GetTextAlign
<u>ThemeColor</u>	GetThemeColor
ToolTip	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
Visible	GetVisible
Width	GetWidth
X	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

ClipContent

Accessors: GetClipContent

ColumnWidthRatio

Accessors: GetColumnWidthRatio

CurrentState

Accessors: GetCurrentState

DataTipLayerIndex

Accessors: GetDataTipLayerIndex

DataTipMode

Accessors: GetDataTipMode

Description

Accessors: GetDescription

Enabled

Accessors: GetEnabled

ErrorColor

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Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

GutterBottom

Accessors: GetGutterBottom

GutterLeft

Accessors: GetGutterLeft

GutterRight

Accessors: GetGutterRight

GutterTop

Accessors: GetGutterTop

Height

Accessors: GetHeight

HorizontalAxisRatio

Accessors: GetHorizontalAxisRatio

ld

Accessors: GetId

MaxColumnWidth

Accessors: GetMaxColumnWidth

MaximumDataTipCount

Accessors: GetMaximumDataTipCount

MouseEnabled

Accessors: GetMouseEnabled

MouseSensitivity

Accessors: GetMouseSensitivity

NumAutomationChildren

Accessors: GetNumAutomationChildren

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PaddingBottom

Accessors: GetPaddingBottom

PaddingLeft

Accessors: GetPaddingLeft

PaddingRight

Accessors: GetPaddingRight

PaddingTop

Accessors: GetPaddingTop

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

ShowDataTips

Accessors: GetShowDataTips

ShowDataTipTargets

Accessors: GetShowDataTipTargets

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

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Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

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Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
State	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

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State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
٧	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexColumnSeries

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FlexColumnSeries

Behavior Pattern: FlexColumnSeriesBehavior

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
ClassName		GetClassName	
ColumnWidthRatio		GetColumnWidthRatio	
<u>CurrentState</u>		GetCurrentState	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
<u>FocusEnabled</u>		GetFocusEnabled	
<u>Height</u>		GetHeight	
<u>Id</u>		Getld	
<u>MaxColumnWidth</u>		GetMaxColumnWidth	

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<u>MinField</u>	GetMinField
<u>MouseEnabled</u>	GetMouseEnabled
NumAutomationChildren	GetNumAutomationChildren
Offset	GetOffset
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
ScaleX	GetScaleX
<u>ScaleY</u>	GetScaleY
SortOnXField	GetSortOnXField
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
Width	GetWidth
X	GetX
XField	GetXField
<u>Y</u>	GetY
YField	GetYField

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoDoubleClick</u>	
<u>DoltemRollOver</u>	
DoMouseMove	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

ColumnWidthRatio

Accessors: GetColumnWidthRatio

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

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ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

ld

Accessors: GetId

MaxColumnWidth

Accessors: GetMaxColumnWidth

MinField

Accessors: GetMinField

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

Offset

Accessors: GetOffset

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SortOnXField

Accessors: GetSortOnXField

TabChildren

Accessors: GetTabChildren

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TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

XField

Accessors: GetXField

Υ

Accessors: GetY

YField

Accessors: GetYField

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt

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	7 flexControlShiftAlt
(Optional, Default: 0.

DoDoubleClick(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoltemRollOver(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.

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<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

Y

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

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Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

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'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys('^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexComboBase Top Previous Next

FlexComboBase

Behavior Pattern: FlexComboBaseBehavior

Property Summary

AutomationClassName AutomationIndex AutomationName BackgroundAlpha GetBackgroundAlpha BackgroundAlpha BackgroundAlpha BackgroundAlpha BackgroundAlpha BackgroundSize GetBackgroundSize GetBackgroundSize GetBackgroundSize GetBackgroundSize GetBackgroundSize GetBackgroundSize GetClassName GetClassName GetClassName GetClor GetDassAlpha GetColor GetDassDetColor GetBackgroundSize GetGlable GetGolor GetDassDetColor GetDassDetColor GetDassDetColor GetDassDetColor GetDassDetColor GetGassName GetFinabled GetFronColor GetEronColor GetEronColor GetEronColor GetEronColor GetFronString FilluDhas FilluDhas GetFrilluDhas GetFrilluDhas GetFrilluDhas FilluDhas GetFrilluDhas Ge	Property	Description	Getter	Setter
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ClassName GetColor Color GetColor CurrentState GetDisabledColor DisabledColor GetDisabledColor DropShadowEnabled GetEditable Editable GetEditable Enabled GetEnabled ErrorColor GetErrorString FillAlphas GetFillAlphas FillColors GetFillColors FlexX GetFlexX FlexY GetFlexX FlexY GetFlexY FocusEnabled GetFocusEnabled FontSale GetFontFamily GetFontFamily GetFontFamily FontSize GetFontSize FontSize GetFontSize FontSize GetFontWeight Height GetFontWeight Height GetHorizontalScrollPolicy HorizontalScrollPolicy GetHorizontalScrollPolicy HorizontalScrollPosition GetHorizontalScrollPosition Id LiveScrolling MouseEnabled GetMouseEnabled	<u>BackgroundImage</u>		GetBackgroundImage	
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<u>LiveScrolling</u> <u>MouseEnabled</u> GetLiveScrolling GetMouseEnabled	HorizontalScrollPosition		GetHorizontalScrollPosition	
MouseEnabled GetMouseEnabled	<u>ld</u>		GetId	
	LiveScrolling		GetLiveScrolling	
<u>NumAutomationChildren</u> GetNumAutomationChildren	MouseEnabled		GetMouseEnabled	
	NumAutomationChildren		GetNumAutomationChildren	

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<u>PercentHeight</u>	GetPercentHeight
PercentWidth	GetPercentWidth
Restrict	GetRestrict
ScaleX	GetScaleX
ScaleY	GetScaleY
SelectedIndex	GetSelectedIndex
ShowScrollTips	GetShowScrollTips
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
Tablndex	GetTabIndex
<u>Text</u>	GetText
<u>TextAlign</u>	GetTextAlign
<u>TextDecoration</u>	GetTextDecoration
TextIndent	GetTextIndent
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>VerticalScrollPolicy</u>	GetVerticalScrollPolicy
<u>VerticalScrollPosition</u>	GetVerticalScrollPosition
<u>Visible</u>	GetVisible
Width	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoClose</u>	
Dolnput	
<u>DoMouseMove</u>	
DoOpen	
DoScroll	
<u>DoSelectText</u>	
<u>DoType</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundImage

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Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

CurrentState

Accessors: GetCurrentState

DisabledColor

Accessors: GetDisabledColor

DropShadowEnabled

Accessors: GetDropShadowEnabled

Editable

Accessors: GetEditable

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

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Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

HighlightColor

Accessors: GetHighlightColor

HorizontalScrollPolicy

Accessors: GetHorizontalScrollPolicy

HorizontalScrollPosition

Accessors: GetHorizontalScrollPosition

ld

Accessors: GetId

LiveScrolling

Accessors: GetLiveScrolling

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

Restrict

Accessors: GetRestrict

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SelectedIndex

Accessors: GetSelectedIndex

ShowScrollTips

Accessors: GetShowScrollTips

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

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TabIndex

Accessors: GetTabIndex

Text

Accessors: GetText

TextAlign

Accessors: GetTextAlign

TextDecoration

Accessors: GetTextDecoration

TextIndent

Accessors: GetTextIndent

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

VerticalScrollPolicy

Accessors: GetVerticalScrollPolicy

VerticalScrollPosition

Accessors: GetVerticalScrollPosition

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

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Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoClose(triggerEvent)

Parameters:

Name	Туре	Description
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.

DoInput(text)

Parameters:

Name	Туре	Description
text	String	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoOpen(triggerEvent)

Parameters:

Name	Туре	Description
triggerEvent	Number	
		FlexTriggerEventValues

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1 flexMouse 2 flexKeyboard
Optional, Default: 1.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack
		Optional, Default: null.

DoSelectText(beginIndex, endIndex)

Parameters:

Name	Туре	Description
beginIndex	Number	
endIndex	Number	

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

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Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

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State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

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Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
У	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexComboBox

Behavior Pattern: FlexComboBoxBehavior

Property Summary

Property	Description	Getter S	Setter
<u>Alpha</u>		GetAlpha	
AlternatingRowColors		GetAlternatingRowColors	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundImage		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
ClassName		GetClassName	
Color		GetColor	
CurrentState		GetCurrentState	
DisabledColor		GetDisabledColor	
DropShadowEnabled		GetDropShadowEnabled	

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Editable	GetEditable
Enabled Enabled	GetEnabled
ErrorColor	GetErrorColor
ErrorString	GetErrorString
FillAlphas	GetFillAlphas
FillColors	GetFillColors
FlexX	GetFlexX
FlexY	GetFlexY
FocusEnabled	GetFocusEnabled
FontFamily	GetFontFamily
	GetFontSize
FontSize FontStyle	
FontStyle FontMinks	GetFontStyle
<u>FontWeight</u>	GetFontWeight
Height	GetHeight
<u>HighlightColor</u>	GetHighlightColor
<u>HorizontalScrollPolicy</u>	GetHorizontalScrollPolicy
<u>HorizontalScrollPosition</u>	GetHorizontalScrollPosition
<u>ld</u>	GetId
LiveScrolling	GetLiveScrolling
<u>MouseEnabled</u>	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
Restrict	GetRestrict
RollOverColor	GetRollOverColor
<u>ScaleX</u>	GetScaleX
<u>ScaleY</u>	GetScaleY
SelectedIndex	GetSelectedIndex
SelectionColor	GetSelectionColor
ShowScrollTips	GetShowScrollTips
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
Tablndex	GetTabIndex
<u>Text</u>	GetText
TextAlign	GetTextAlign
TextDecoration	GetTextDecoration
TextIndent	GetTextIndent
ThemeColor	GetThemeColor
ToolTip	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
VerticalScrollPolicy	GetVerticalScrollPolicy
VerticalScrollPosition	GetVerticalScrollPosition
Visible	GetVisible
Width	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
DoClose	
<u>DoInput</u>	
<u>DoMouseMove</u>	
<u>DoOpen</u>	
DoScroll	
<u>DoSelect</u>	
<u>DoSelectText</u>	

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Property Detail

Alpha

Accessors: GetAlpha

AlternatingRowColors

Accessors: GetAlternatingRowColors

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

CurrentState

Accessors: GetCurrentState

DisabledColor

Accessors: GetDisabledColor

DropShadowEnabled

Accessors: GetDropShadowEnabled

Editable

Accessors: GetEditable

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

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ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

HighlightColor

Accessors: GetHighlightColor

HorizontalScrollPolicy

Accessors: GetHorizontalScrollPolicy

HorizontalScrollPosition

Accessors: GetHorizontalScrollPosition

ld

Accessors: GetId

LiveScrolling

Accessors: GetLiveScrolling

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

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PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

Restrict

Accessors: GetRestrict

RollOverColor

Accessors: GetRollOverColor

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SelectedIndex

Accessors: GetSelectedIndex

SelectionColor

Accessors: GetSelectionColor

ShowScrollTips

Accessors: GetShowScrollTips

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

Text

Accessors: GetText

TextAlign

Accessors: GetTextAlign

TextDecoration

Accessors: GetTextDecoration

TextIndent

Accessors: GetTextIndent

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

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UseHandCursor

Accessors: GetUseHandCursor

VerticalScrollPolicy

Accessors: GetVerticalScrollPolicy

VerticalScrollPosition

Accessors: GetVerticalScrollPosition

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoClose(triggerEvent)

Parameters:

Name	Туре	Description
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard

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	Optional, Default: 1.

DoInput(text)

Parameters:

Name	Туре	Description
text	String	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Type	Description
Number	Optional, Default: 0.
Number	Optional, Default: 0.
Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.
	Number Number

DoOpen(triggerEvent)

Parameters:

Name	Type	Description
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight

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8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack
Optional, Default: null.

DoSelect(itemRenderer, triggerEvent, keyModifier)

Parameters:

Name	Туре	Description
itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoSelectText(beginIndex, endIndex)

Parameters:

Name	Туре	Description
beginIndex	Number	
endIndex	Number	

DoType(keyCode, keyModifier)

Parameters:

Type	Description
String	
Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.
	String

Behavior Pattern: Win32Generic

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Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
DoMDClick	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

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State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Type	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

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Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
У	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Description

Parameters:

Name

1. 3

FlexContainer Top Previous Next

FlexContainer

Behavior Pattern: FlexContainerBehavior

Type

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
<u>AutomationIndex</u>		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColo	or
BackgroundImage		GetBackgroundImage	
<u>BackgroundSize</u>		GetBackgroundSize	
ClassName		GetClassName	
CreationIndex		GetCreationIndex	
CreationPolicy		GetCreationPolicy	
CurrentState		GetCurrentState	
Enabled		GetEnabled	

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ErrorColor	GetErrorColor
ErrorString	GetErrorString
<u>FillAlphas</u>	GetFillAlphas
FillColors	GetFillColors
FlexX	GetFlexX
FlexY	GetFlexY
<u>FocusEnabled</u>	GetFocusEnabled
<u>FontFamily</u>	GetFontFamily
<u>FontSize</u>	GetFontSize
<u>FontStyle</u>	GetFontStyle
<u>FontWeight</u>	GetFontWeight
<u>Height</u>	GetHeight
<u>ld</u>	Getld
Label	GetLabel
MouseEnabled	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
NumChildren	GetNumChildren
<u>PercentHeight</u>	GetPercentHeight
PercentWidth	GetPercentWidth
ScaleX	GetScaleX
<u>ScaleY</u>	GetScaleY
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
TabIndex	GetTabIndex
ThemeColor	GetThemeColor
ToolTip	GetToolTip
UseHandCursor	GetUseHandCursor
Visible	GetVisible
Width	GetWidth
<u>X</u>	GetX
Y	GetY

Action Summary

Action	Description	
<u>DoChangeFocus</u>		
DoClick		
DoDragCancel		
DoDragDrop		
<u>DoDragStart</u>		
<u>DoMouseMove</u>		
DoMouseScroll		
DoScroll		

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

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BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

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FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

ld

Accessors: GetId

Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

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UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

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DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Type	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

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Name	Туре	Description
delta	Number	Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Name	Type	Description
position	Number	
direction	Number	FlexScrollDirectionValues flexScrollHorizontal flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack
		Optional, Default: null.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
<u>Class</u>	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
DoLButtonDown	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.

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DoLDClick	Performs a left double click at the center of an object or at the specified location.
DoMButtonDown	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

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Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly

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before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexDataGrid

Behavior Pattern: FlexDataGridBehavior

Property Summary

Property	Description	Getter S	Setter
AllowMultipleSelection		GetAllowMultipleSelection	
Alpha		GetAlpha	
AlternatingRowColors		GetAlternatingRowColors	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
BackgroundDisabledColor		GetBackgroundDisabledColor	
ClassName		GetClassName	
ColumnCount		GetColumnCount	
ColumnNames		GetColumnNames	
ColumnWidth		GetColumnWidth	
CurrentState		GetCurrentState	
<u>DataTipField</u>		GetDataTipField	
Editable		GetEditable	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusAlpha		GetFocusAlpha	
FocusEnabled		GetFocusEnabled	
HeaderColors		GetHeaderColors	
<u>HeaderStyle</u>		GetHeaderStyle	
Height		GetHeight	
IconField		GetIconField	
<u>ld</u>		Getld	
LabelField		GetLabelField	
LockedColumnCount		GetLockedColumnCount	
<u>LockedRowCount</u>		GetLockedRowCount	
MinColumnWidth		GetMinColumnWidth	
<u>MouseEnabled</u>		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
<u>PercentHeight</u>		GetPercentHeight	
PercentWidth		GetPercentWidth	
ResizableColumns		GetResizableColumns	
RollOverColor		GetRollOverColor	
RowCount		GetRowCount	
RowHeight		GetRowHeight	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
Selectable		GetSelectable	

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SelectedIndex	GetSelectedIndex
SelectedIndices	GetSelectedIndices
SelectedItem	GetSelectedItem
SelectedItems	GetSelectedItems
SelectionColor	GetSelectionColor
<u>SelectionDisabledColor</u>	GetSelectionDisabledColor
<u>ShowDataTips</u>	GetShowDataTips
<u>SortableColumns</u>	GetSortableColumns
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>TextRollOverColor</u>	GetTextRollOverColor
<u>TextSelectedColor</u>	GetTextSelectedColor
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>UseRollOver</u>	GetUseRollOver
<u>VariableRowHeight</u>	GetVariableRowHeight
<u>VerticalAlign</u>	GetVerticalAlign
<u>VGridLineColor</u>	GetVGridLineColor
VGridLines	GetVGridLines
Visible	GetVisible
Width	GetWidth
<u>WordWrap</u>	GetWordWrap
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoColumnStretch</u>	
<u>DoDeselect</u>	
<u>DoDoubleClick</u>	
<u>DoDragCancel</u>	
<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoEdit</u>	
<u>DoHeaderClick</u>	
<u>DoHeaderShift</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
<u>DoMultiSelect</u>	
DoScroll	
DoSelect	
<u>DoType</u>	

Property Detail

AllowMultipleSelection

Accessors: GetAllowMultipleSelection

Alpha

Accessors: GetAlpha

AlternatingRowColors

Accessors: GetAlternatingRowColors

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AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

ClassName

Accessors: GetClassName

ColumnCount

Accessors: GetColumnCount

ColumnNames

Accessors: GetColumnNames

ColumnWidth

Accessors: GetColumnWidth

CurrentState

Accessors: GetCurrentState

DataTipField

Accessors: GetDataTipField

Editable

Accessors: GetEditable

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusAlpha

Accessors: GetFocusAlpha

FocusEnabled

Accessors: GetFocusEnabled

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HeaderColors

Accessors: GetHeaderColors

HeaderStyle

Accessors: GetHeaderStyle

Height

Accessors: GetHeight

IconField

Accessors: GetIconField

ld

Accessors: GetId

LabelField

Accessors: GetLabelField

LockedColumnCount

Accessors: GetLockedColumnCount

LockedRowCount

Accessors: GetLockedRowCount

MinColumnWidth

Accessors: GetMinColumnWidth

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ResizableColumns

Accessors: GetResizableColumns

RollOverColor

Accessors: GetRollOverColor

RowCount

Accessors: GetRowCount

RowHeight

Accessors: GetRowHeight

ScaleX

Accessors: GetScaleX

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ScaleY

Accessors: GetScaleY

Selectable

Accessors: GetSelectable

SelectedIndex

Accessors: GetSelectedIndex

SelectedIndices

Accessors: GetSelectedIndices

SelectedItem

Accessors: GetSelectedItem

SelectedItems

Accessors: GetSelectedItems

SelectionColor

Accessors: GetSelectionColor

SelectionDisabledColor

Accessors: GetSelectionDisabledColor

ShowDataTips

Accessors: GetShowDataTips

SortableColumns

Accessors: GetSortableColumns

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextRollOverColor

Accessors: GetTextRollOverColor

TextSelectedColor

Accessors: GetTextSelectedColor

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

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UseRollOver

Accessors: GetUseRollOver

VariableRowHeight

Accessors: GetVariableRowHeight

VerticalAlign

Accessors: GetVerticalAlign

VGridLineColor

Accessors: GetVGridLineColor

VGridLines

Accessors: GetVGridLines

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

WordWrap

Accessors: GetWordWrap

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

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DoColumnStretch(columnIndex, localX)

Parameters:

Name	Туре	Description
columnIndex	Number	
localX	Number	

DoDeselect(itemRenderer, triggerEvent, keyModifier)

Parameters:

Name	Туре	Description
itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDoubleClick(itemRenderer)

Parameters:

Name	Туре	Description
itemRenderer	String	

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

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Name	Туре	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoEdit(itemRenderer, rowlndex, columnIndex)

Parameters:

Name	Туре	Description
itemRenderer	String	
rowIndex	Number	
columnIndex	Number	

DoHeaderClick(columnIndex)

Parameters:

Name	Туре	Description
columnIndex	Number	

DoHeaderShift(newIndex, oldIndex, triggerEvent)

Parameters:

Name	Туре	Description
newIndex	Number	
oldIndex	Number	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard

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	Optional, Default: 1.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	Optional, Default: 0.

DoMultiSelect(itemRenderer, triggerEvent, keyModifier)

Parameters:

Name	Туре	Description
itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard
		Optional, Default: 1.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	

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	1 2	FlexScrollDirectionValues flexScrollHorizontal flexScrollVertical
detail	Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14	1 flexPageRight 2 flexPageUp 3 flexThumbPosition

DoSelect(itemRenderer, triggerEvent, keyModifier)

Parameters:

Name	Туре	Description
itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

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Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
DoClick	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmar

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

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ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

Χ

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

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DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
У	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description

x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoR Button Down()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys('^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexDateChooser

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FlexDateChooser

Behavior Pattern: FlexDateChooserBehavior

Property Summary

Property	Description	Getter	Setter
AllowDisjointSelection		GetAllowDisjointSelection	
AllowMultipleSelection		GetAllowMultipleSelection	
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>ClassName</u>		GetClassName	
Color		GetColor	
<u>CurrentState</u>		GetCurrentState	
DisabledColor		GetDisabledColor	

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DisabledDays	GetDisabledDays
<u>DisabledRanges</u>	GetDisabledRanges
<u>DisplayedMonth</u>	GetDisplayedMonth
<u>DisplayedYear</u>	GetDisplayedYear
Enabled Enabled	GetEnabled
ErrorColor	GetErrorColor
ErrorString	GetErrorString
FillColors	GetFillColors
FirstDayOfWeek	GetFirstDayOfWeek
FlexX	GetFlexX
FlexY	GetFlexY
FocusEnabled	GetFocusEnabled
FontFamily FontFamily	GetFontFamily
FontSize FontSize	GetFontSize
FontStyle	GetFontStyle
FontWeight FontWeight	GetFontWeight
HeaderColors	GetHeaderColors
Height Height	GetHeight
<u>ld</u>	Getld
MaxYear	GetMaxYear
MinYear	GetMinYear
<u>MouseEnabled</u>	GetMouseEnabled
NumAutomationChildren	GetNumAutomationChildren
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
RollOverColor	GetRollOverColor
<u>ScaleX</u>	GetScaleX
<u>ScaleY</u>	GetScaleY
<u>SelectedDate</u>	GetSelectedDate
<u>SelectedRanges</u>	GetSelectedRanges
SelectionColor	GetSelectionColor
ShowToday	GetShowToday
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>TextAlign</u>	GetTextAlign
<u>TextDecoration</u>	GetTextDecoration
<u>TextIndent</u>	GetTextIndent
<u>ThemeColor</u>	GetThemeColor
<u>TodayColor</u>	GetTodayColor
ToolTip	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
<u>Width</u>	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY
<u>YearNavigationEnabled</u>	GetYearNavigationEnabled

Action Summary

Action	Description	
<u>DoChange</u>		
<u>DoChangeFocus</u>		
<u>DoClick</u>		
<u>DoMouseMove</u>		
DoScroll		
DoType		

Property Detail

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AllowDisjointSelection

Accessors: GetAllowDisjointSelection

AllowMultipleSelection

Accessors: GetAllowMultipleSelection

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

CurrentState

Accessors: GetCurrentState

DisabledColor

Accessors: GetDisabledColor

DisabledDays

Accessors: GetDisabledDays

DisabledRanges

Accessors: GetDisabledRanges

DisplayedMonth

Accessors: GetDisplayedMonth

DisplayedYear

Accessors: GetDisplayedYear

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillColors

Accessors: GetFillColors

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FirstDayOfWeek

Accessors: GetFirstDayOfWeek

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

HeaderColors

Accessors: GetHeaderColors

Height

Accessors: GetHeight

ld

Accessors: GetId

MaxYear

Accessors: GetMaxYear

MinYear

Accessors: GetMinYear

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

RollOverColor

Accessors: GetRollOverColor

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ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SelectedDate

Accessors: GetSelectedDate

SelectedRanges

Accessors: GetSelectedRanges

SelectionColor

Accessors: GetSelectionColor

ShowToday

Accessors: GetShowToday

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

TextDecoration

Accessors: GetTextDecoration

TextIndent

Accessors: GetTextIndent

ThemeColor

Accessors: GetThemeColor

TodayColor

Accessors: GetTodayColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

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X

Accessors: GetX

Υ

Accessors: GetY

YearNavigationEnabled

Accessors: GetYearNavigationEnabled

Action Detail

DoChange(newDate)

Parameters:

Name	Туре	Description
newDate	Date	

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt

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	7 flexControlShiftAlt
	Optional, Default: 0.

DoScroll(detail)

Parameters:

Name	Туре	Description
detail	Number	FlexDateChooserDetailValues 1 flexNextMonth 2 flexNextYear 3 flexPreviousMonth 4 flexPreviousYear

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
<u>Width</u>	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
DoLButtonDown	Performs left mouse button down.

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<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
DoMDClick	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

v

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

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DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUn(

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

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DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
У	number	Y-coordinate of location relative to object's top border	

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Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Description

Parameters:

Name

keys	string	A sequence of keystrokes.

FlexDateField Top Previous Next

FlexDateField

Behavior Pattern: FlexDateFieldBehavior

Туре

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
AutomationName		GetAutomationName	
<u>BackgroundAlpha</u>		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundImage		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
ClassName		GetClassName	
Color		GetColor	
CurrentState		GetCurrentState	
DisabledColor		GetDisabledColor	
<u>DisabledDays</u>		GetDisabledDays	
DisabledRanges		GetDisabledRanges	
<u>DisplayedMonth</u>		GetDisplayedMonth	
DisplayedYear		GetDisplayedYear	
DropShadowEnabled		GetDropShadowEnabled	
Editable		GetEditable	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FillAlphas		GetFillAlphas	
FillColors		GetFillColors	
<u>FirstDayOfWeek</u>		GetFirstDayOfWeek	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
FontFamily		GetFontFamily	
FontSize		GetFontSize	
FontStyle		GetFontStyle	
FontWeight		GetFontWeight	
HeaderColors		GetHeaderColors	
Height		GetHeight	
HighlightColor		GetHighlightColor	
HorizontalScrollPolicy		GetHorizontalScrollPolicy	
HorizontalScrollPosition		GetHorizontalScrollPosition	
ld		GetId	
 LiveScrolling		GetLiveScrolling	

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<u>MaxYear</u>	GetMaxYear
<u>MinYear</u>	GetMinYear
<u>MouseEnabled</u>	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>PercentHeight</u>	GetPercentHeight
PercentWidth PercentWidth	GetPercentWidth
Restrict	GetRestrict
RollOverColor	GetRollOverColor
<u>ScaleX</u>	GetScaleX
<u>ScaleY</u>	GetScaleY
<u>SelectedDate</u>	GetSelectedDate
SelectedIndex	GetSelectedIndex
ShowScrollTips	GetShowScrollTips
ShowToday	GetShowToday
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>Text</u>	GetText
<u>TextAlign</u>	GetTextAlign
<u>TextDecoration</u>	GetTextDecoration
<u>TextIndent</u>	GetTextIndent
ThemeColor	GetThemeColor
<u>TodayColor</u>	GetTodayColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>VerticalScrollPolicy</u>	GetVerticalScrollPolicy
<u>VerticalScrollPosition</u>	GetVerticalScrollPosition
<u>Visible</u>	GetVisible
Width	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY
<u>YearNavigationEnabled</u>	GetYearNavigationEnabled

Action Summary

Action	Description
<u>DoChange</u>	
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoClose</u>	
DoInput	
<u>DoMouseMove</u>	
<u>DoOpen</u>	
DoScroll	
<u>DoSelectText</u>	
<u>DoType</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

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AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

CurrentState

Accessors: GetCurrentState

DisabledColor

Accessors: GetDisabledColor

DisabledDays

Accessors: GetDisabledDays

DisabledRanges

Accessors: GetDisabledRanges

DisplayedMonth

Accessors: GetDisplayedMonth

DisplayedYear

Accessors: GetDisplayedYear

DropShadowEnabled

Accessors: GetDropShadowEnabled

Editable

Accessors: GetEditable

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

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FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FirstDayOfWeek

Accessors: GetFirstDayOfWeek

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

HeaderColors

Accessors: GetHeaderColors

Height

Accessors: GetHeight

HighlightColor

Accessors: GetHighlightColor

HorizontalScrollPolicy

Accessors: GetHorizontalScrollPolicy

HorizontalScrollPosition

Accessors: GetHorizontalScrollPosition

ld

Accessors: GetId

LiveScrolling

Accessors: GetLiveScrolling

MaxYear

Accessors: GetMaxYear

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MinYear

Accessors: GetMinYear

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

Restrict

Accessors: GetRestrict

RollOverColor

Accessors: GetRollOverColor

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SelectedDate

Accessors: GetSelectedDate

SelectedIndex

Accessors: GetSelectedIndex

ShowScrollTips

Accessors: GetShowScrollTips

ShowToday

Accessors: GetShowToday

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

Text

Accessors: GetText

TextAlign

Accessors: GetTextAlign

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TextDecoration

Accessors: GetTextDecoration

TextIndent

Accessors: GetTextIndent

ThemeColor

Accessors: GetThemeColor

TodayColor

Accessors: GetTodayColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

VerticalScrollPolicy

Accessors: GetVerticalScrollPolicy

VerticalScrollPosition

Accessors: GetVerticalScrollPosition

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

YearNavigationEnabled

Accessors: GetYearNavigationEnabled

Action Detail

DoChange(newDate)

Parameters:

Name	Туре	Description
newDate	Date	

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	

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DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoClose(triggerEvent)

Parameters:

Name	Туре	Description
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.

DoInput(text)

Parameters:

Name	Туре	Description
text	String	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoOpen(triggerEvent)

Parameters:

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Name	Туре	Description
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.

DoScroll(position, direction, detail)

Parameters:

Description
FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack

DoSelectText(beginIndex, endIndex)

Parameters:

Name	Туре	Description
beginIndex	Number	
endIndex	Number	

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

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Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
<u>Class</u>	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
Name_	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
Y	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
DoClick	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

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ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

Χ

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

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DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description

x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys('^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexDisplayObject

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FlexDisplayObject

Behavior Pattern: FlexDisplayObjectBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
FlexX		GetFlexX	
FlexY		GetFlexY	
Height		GetHeight	
MouseEnabled		GetMouseEnabled	
<u>TabChildren</u>		GetTabChildren	
TabEnabled		GetTabEnabled	
TabIndex		GetTabIndex	
<u>Visible</u>		GetVisible	
<u>Width</u>		GetWidth	

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<u>X</u>	GetX	
Y	GetY	

Action Summary

Action	Description
DoClick	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

Height

Accessors: GetHeight

MouseEnabled

Accessors: GetMouseEnabled

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl

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2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
ObjectType	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.

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<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
DoRButtonDown	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
DoSendKeys	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

|--|

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path	string	ath to analog recording (usually an .arf file).		
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.		
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.		

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
х	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name Type Description			
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name Type Description		
x	number	X-coordinate of location relative to object's left border
V	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

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Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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 ${\sf FlexDividedBox}$

Behavior Pattern: FlexDividedBoxBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
BackgroundColor_		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColor	-
BackgroundImage_		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
<u>ClassName</u>		GetClassName	
<u>CreationIndex</u>		GetCreationIndex	
<u>CreationPolicy</u>		GetCreationPolicy	
<u>CurrentState</u>		GetCurrentState	
<u>Direction</u>		GetDirection	
<u>Enabled</u>		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
FillAlphas		GetFillAlphas	
		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
ontFamily		GetFontFamily	
-ontSize		GetFontSize	
ontStyle		GetFontStyle	
		GetFontWeight	
Height		GetHeight	
HorizontalAlign		GetHorizontalAlign	
		Getld	
<u>abel</u>		GetLabel	
 //ouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
NumChildren		GetNumChildren	
PercentHeight		GetPercentHeight	
PercentWidth		GetPercentWidth	
ResizeToContent		GetResizeToContent	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
FabChildren		GetTabChildren	
FabEnabled		GetTabEnabled	
FabIndex		GetTabEnabled	
ThemeColor		GetThemeColor	
<u>FoolTip</u>		GetToolTip	

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<u>UseHandCursor</u>	GetUseHandCursor	
<u>VerticalAlign</u>	GetVerticalAlign	
<u>Visible</u>	GetVisible	
Width	GetWidth	
<u>X</u>	GetX	
<u>Y</u>	GetY	

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoDragCancel</u>	
<u>DoDragDrop</u>	
<u>DoDragged</u>	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
DoPressed	
<u>DoReleased</u>	
DoScroll	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

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CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Direction

Accessors: GetDirection

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

HorizontalAlign

Accessors: GetHorizontalAlign

ld

Accessors: GetId

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Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ResizeToContent

Accessors: GetResizeToContent

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

VerticalAlign

Accessors: GetVerticalAlign

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

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Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Туре	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues

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1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoDragged(dividerIndex, delta)

Parameters:

Name	Туре	Description
dividerIndex	Number	
delta	Number	

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoMouseScroll(delta)

Parameters:

Name	Туре	Description

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delta	Number	
		Optional, Default: 0.

DoPressed(dividerIndex, delta)

Parameters:

Name	Туре	Description
dividerIndex	Number	
delta	Number	

DoReleased(dividerIndex, delta)

Parameters:

Name	Type	Description
dividerIndex	Number	
delta	Number	

DoScroll(position, direction, detail)

Parameters:

umber umber	
umber	
1 2	
2 3 4 5 6 7 8 9 1 1 1 1	flexAtLeft flexAtRight flexAtTop flexLineDown flexLineLeft flexLineRight flexLineUp
u	1 2 3 4 5 6 7 8 9 1 1 1 1

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue

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Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

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Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

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Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
У	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border

y	number	Y-coordinate of location relative to object's top border
---	--------	--

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexForm

Behavior Pattern: FlexFormBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>BackgroundAlpha</u>		GetBackgroundAlpha	
<u>BackgroundColor</u>		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColor	
<u>BackgroundImage</u>		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
ClassName		GetClassName	
CreationIndex		GetCreationIndex	
CreationPolicy		GetCreationPolicy	
CurrentState		GetCurrentState	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
<u>ErrorString</u>		GetErrorString	
FillAlphas		GetFillAlphas	
FillColors		GetFillColors	
FlexX		GetFlexX	
<u>FlexY</u>		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>FontFamily</u>		GetFontFamily	
<u>FontSize</u>		GetFontSize	
FontStyle		GetFontStyle	
FontWeight		GetFontWeight	
<u>Height</u>		GetHeight	

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<u>ld</u>	Getld
Label	GetLabel
MouseEnabled	GetMouseEnabled
NumAutomationChildren	GetNumAutomationChildren
NumChildren	GetNumChildren
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
<u>ScaleX</u>	GetScaleX
ScaleY	GetScaleY
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
ToolTip	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
Visible	GetVisible
Width	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoDragCancel</u>	
DoDragDrop	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
DoScroll	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

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BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

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ld

Accessors: GetId

Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

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Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Туре	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt

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3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	
		Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues

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		1 flexScrollVertical 1 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack
		Optional, Default: null.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
DoClick	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

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Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

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Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

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DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name Type Description		Description	
x	number	X-coordinate of location relative to object's left border	
У	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name Type Description		Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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Behavior Pattern: FlexFormItemBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
AutomationName		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColor	
BackgroundImage		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
ClassName		GetClassName	
CreationIndex		GetCreationIndex	
CreationPolicy		GetCreationPolicy	
<u>CurrentState</u>		GetCurrentState	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FillAlphas		GetFillAlphas	
FillColors		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
FontFamily		GetFontFamily	
FontSize		GetFontSize	
FontStyle		GetFontStyle	
FontWeight		GetFontWeight	
Height		GetHeight	
HorizontalAlign		GetHorizontalAlign	
ld		Getld	
Label		GetLabel	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
NumChildren		GetNumChildren	
PercentHeight		GetPercentHeight	
PercentWidth		GetPercentWidth	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
<u>TabChildren</u>		GetTabChildren	
TabEnabled		GetTabEnabled	
TabIndex		GetTabIndex	
ThemeColor		GetThemeColor	
ToolTip		GetToolTip	
UseHandCursor		GetUseHandCursor	
<u>Visible</u>		GetVisible	
Width		GetWidth	
		GetX	
<u>X</u>		GetY	
<u>Y</u>		GELT	

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	

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<u>DoDragCancel</u>	
<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
DoScroll	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

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Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

HorizontalAlign

Accessors: GetHorizontalAlign

ld

Accessors: GetId

Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

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ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl

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2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Туре	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

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DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack
		Optional, Default: null.

Behavior Pattern: Win32Generic

Property Summary

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Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.

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Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x number X-coordinate of location relative to object's left border			
у	number	number Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

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DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Description

Parameters:

Name

keys	string	A sequence of keystrokes.

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FlexHLOCChart

Behavior Pattern: FlexHLOCChartBehavior

Type

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
ClassName		GetClassName	
ClipContent		GetClipContent	
ColumnWidthRatio		GetColumnWidthRatio	
CurrentState		GetCurrentState	
<u>DataTipLayerIndex</u>		GetDataTipLayerIndex	
<u>DataTipMode</u>		GetDataTipMode	
Description		GetDescription	
<u>Enabled</u>		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	

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<u>FocusEnabled</u>	GetFocusEnabled
<u>FontFamily</u>	GetFontFamily
<u>FontSize</u>	GetFontSize
<u>GutterBottom</u>	GetGutterBottom
<u>GutterLeft</u>	GetGutterLeft
<u>GutterRight</u>	GetGutterRight
<u>GutterTop</u>	GetGutterTop
<u>Height</u>	GetHeight
<u>HorizontalAxisRatio</u>	GetHorizontalAxisRatio
<u>ld</u>	Getld
<u>MaxColumnWidth</u>	GetMaxColumnWidth
<u>MaximumDataTipCount</u>	GetMaximumDataTipCount
MouseEnabled	GetMouseEnabled
<u>MouseSensitivity</u>	GetMouseSensitivity
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>PaddingBottom</u>	GetPaddingBottom
<u>PaddingLeft</u>	GetPaddingLeft
<u>PaddingRight</u>	GetPaddingRight
<u>PaddingTop</u>	GetPaddingTop
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
<u>ScaleX</u>	GetScaleX
<u>ScaleY</u>	GetScaleY
<u>ShowDataTips</u>	GetShowDataTips
<u>ShowDataTipTargets</u>	GetShowDataTipTargets
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
TabIndex	GetTabIndex
<u>TextAlign</u>	GetTextAlign
ThemeColor	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
<u>Width</u>	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description	
<u>DoChangeFocus</u>		
<u>DoClick</u>		
<u>DoMouseMove</u>		

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

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ClassName

Accessors: GetClassName

ClipContent

Accessors: GetClipContent

ColumnWidthRatio

Accessors: GetColumnWidthRatio

CurrentState

Accessors: GetCurrentState

DataTipLayerIndex

Accessors: GetDataTipLayerIndex

DataTipMode

Accessors: GetDataTipMode

Description

Accessors: GetDescription

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

GutterBottom

Accessors: GetGutterBottom

GutterLeft

Accessors: GetGutterLeft

GutterRight

Accessors: GetGutterRight

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GutterTop

Accessors: GetGutterTop

Height

Accessors: GetHeight

HorizontalAxisRatio

Accessors: GetHorizontalAxisRatio

ld

Accessors: GetId

MaxColumnWidth

Accessors: GetMaxColumnWidth

 ${\bf Maximum Data Tip Count}$

Accessors: GetMaximumDataTipCount

MouseEnabled

Accessors: GetMouseEnabled

MouseSensitivity

Accessors: GetMouseSensitivity

NumAutomationChildren

Accessors: GetNumAutomationChildren

PaddingBottom

Accessors: GetPaddingBottom

PaddingLeft

Accessors: GetPaddingLeft

PaddingRight

Accessors: GetPaddingRight

PaddingTop

Accessors: GetPaddingTop

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

ShowDataTips

Accessors: GetShowDataTips

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ShowDataTipTargets

Accessors: GetShowDataTipTargets

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift

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4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description		
<u>DoAction</u>	Performs default action for an object.		
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.		
DoClick	Performs left click at the center of an object.		
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.		
<u>DoLButtonDown</u>	Performs left mouse button down.		
<u>DoLButtonUp</u>	Performs left mouse button up.		
DoLClick	Performs a left click at the center of an object or at the specified location.		
DoLDClick	Performs a left double click at the center of an object or at the specified location.		
DoMButtonDown	Performs middle mouse button down.		
<u>DoMButtonUp</u>	Performs middle mouse button up.		
DoMClick	Performs a middle click at the center of an object or at the specified location.		

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<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
DoSendKeys	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).

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left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name Type Description		Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp(

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

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Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexImage

Behavior Pattern: FlexImageBehavior

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
ClassName		GetClassName	
<u>CurrentState</u>		GetCurrentState	
Enabled		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>Height</u>		GetHeight	
<u>ld</u>		GetId	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
<u>PercentHeight</u>		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
<u>ScaleX</u>		GetScaleX	
<u>ScaleY</u>		GetScaleY	
<u>Source</u>		GetSource	
<u>TabChildren</u>		GetTabChildren	
<u>TabEnabled</u>		GetTabEnabled	
<u>TabIndex</u>		GetTabIndex	
<u>ThemeColor</u>		GetThemeColor	
<u>ToolTip</u>		GetToolTip	
<u>UseHandCursor</u>		GetUseHandCursor	
<u>Visible</u>		GetVisible	
<u>Width</u>		GetWidth	
<u>X</u>		GetX	
<u>Y</u>		GetY	

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
DoMouseMove	

Property Detail

Alpha

Accessors: GetAlpha

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AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

ld

Accessors: GetId

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

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ScaleY

Accessors: GetScaleY

Source

Accessors: GetSource

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift

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4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Number	Optional, Default: 0.
	optional, polatili o
Number	Optional, Default: 0.
Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
DoMButtonDown	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.

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<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
DoSendKeys	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).

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left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

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Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexLabel

Behavior Pattern: FlexLabelBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
AutomationName		GetAutomationName	
ClassName		GetClassName	
Color		GetColor	
<u>CurrentState</u>		GetCurrentState	
DisabledColor		GetDisabledColor	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
FontFamily		GetFontFamily	
FontSize_		GetFontSize	
FontStyle_		GetFontStyle	
FontWeight		GetFontWeight	
Height		GetHeight	
HtmlText		GetHtmlText	
<u>Id</u>		Getld	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
<u>PercentHeight</u>		GetPercentHeight	
PercentWidth		GetPercentWidth	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
<u>TabChildren</u>		GetTabChildren	
TabEnabled		GetTabEnabled	
TabIndex		GetTabIndex	
Text		GetText	
TextAlign		GetTextAlign	
TextDecoration		GetTextDecoration	
TextIndent		GetTextIndent	
ThemeColor		GetThemeColor	
ToolTip		GetToolTip	
UseHandCursor		GetUseHandCursor	
Visible		GetVisible	
Width		GetWidth	
<u>X</u>		GetX	
<u>Y</u>		GetY	

Action Summary

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Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

CurrentState

Accessors: GetCurrentState

DisabledColor

Accessors: GetDisabledColor

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

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FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

HtmlText

Accessors: GetHtmlText

ld

Accessors: GetId

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

Text

Accessors: GetText

TextAlign

Accessors: GetTextAlign

TextDecoration

Accessors: GetTextDecoration

TextIndent

Accessors: GetTextIndent

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ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	

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FlexKeyModifierValues

- l flexControl
- 2 flexShift
- 4 flexAlt
- 3 flexControlShift
- 5 flexControlAlt
- 6 flexShiftAlt
- 7 flexControlShiftAlt

Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
Y	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
DoClick	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
DoMDClick	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

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Class of the object. Accessors: GetClass

Height

Height of the object.
Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

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'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
У	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexLineChart

Behavior Pattern: FlexLineChartBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
AutomationClassName		GetAutomationClassName	

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AutomationIndex	GetAutomationIndex
	GetAutomationName
	GetClassName
	GetClipContent
	GetCurrentState
	GetDataTipLayerIndex
	GetDataTipMode
	GetDescription GetEnabled
	GetErrorColor
	GetErrorString GetFlexX
	GetFlexY
	GetFocusEnabled
	GetFontFamily
	GetFontSize
	GetGutterBottom
	GetGutterLeft
	GetGutterRight
	GetGutterTop
	GetHeight
	GetHorizontalAxisRatio
_	GetId
	GetMaximumDataTipCount
	GetMouseEnabled
	GetMouseSensitivity
	GetNumAutomationChildren
	GetPaddingBottom
	GetPaddingLeft
	GetPaddingRight
	GetPaddingTop
	GetPercentHeight
	GetPercentWidth
	GetScaleX
	GetScaleY
	GetShowDataTips
	GetShowDataTipTargets
	GetTabChildren
	GetTabEnabled
	GetTabIndex
<u>TextAlign</u>	GetTextAlign
	GetThemeColor
	GetToolTip
	GetUseHandCursor
<u>Visible</u>	GetVisible
<u>Width</u>	GetWidth
	GetX
	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoMouseMove</u>	

Property Detail

Alpha

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Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

ClipContent

Accessors: GetClipContent

CurrentState

Accessors: GetCurrentState

DataTipLayerIndex

Accessors: GetDataTipLayerIndex

DataTipMode

Accessors: GetDataTipMode

Description

Accessors: GetDescription

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

GutterBottom

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Accessors: GetGutterBottom

GutterLeft

Accessors: GetGutterLeft

GutterRight

Accessors: GetGutterRight

GutterTop

Accessors: GetGutterTop

Height

Accessors: GetHeight

HorizontalAxisRatio

Accessors: GetHorizontalAxisRatio

ld

Accessors: GetId

MaximumDataTipCount

Accessors: GetMaximumDataTipCount

MouseEnabled

Accessors: GetMouseEnabled

MouseSensitivity

Accessors: GetMouseSensitivity

NumAutomationChildren

Accessors: GetNumAutomationChildren

PaddingBottom

Accessors: GetPaddingBottom

PaddingLeft

Accessors: GetPaddingLeft

PaddingRight

Accessors: GetPaddingRight

PaddingTop

Accessors: GetPaddingTop

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

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ShowDataTips

Accessors: GetShowDataTips

ShowDataTipTargets

Accessors: GetShowDataTipTargets

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Type	Description

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1 flexControl 2 flexShift 4 flexAlt
3 flexControlShift 5 flexControlAlt
6 flexShiftAlt
7 flexControlShiftAlt Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
<u>Class</u>	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.

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<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
DoMDClick	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

 ${\bf Accessors: GetWindowText, SetWindowText}\\$

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Y

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

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Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp(

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

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DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

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DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexLineSeries

Behavior Pattern: FlexLineSeriesBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>ClassName</u>		GetClassName	
<u>CurrentState</u>		GetCurrentState	
Enabled		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
<u>FocusEnabled</u>		GetFocusEnabled	
<u>Form</u>		GetForm	
<u>Height</u>		GetHeight	
<u>ld</u>		GetId	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
<u>PercentHeight</u>		GetPercentHeight	
PercentWidth		GetPercentWidth	
Radius		GetRadius	
ScaleX		GetScaleX	
<u>ScaleY</u>		GetScaleY	
SortOnXField		GetSortOnXField	
<u>TabChildren</u>		GetTabChildren	
<u>TabEnabled</u>		GetTabEnabled	
TabIndex		GetTabIndex	
<u>ThemeColor</u>		GetThemeColor	
<u>ToolTip</u>		GetToolTip	
<u>UseHandCursor</u>		GetUseHandCursor	
<u>Visible</u>		GetVisible	
<u>Width</u>		GetWidth	
<u>X</u>		GetX	
XField		GetXField	
<u>Y</u>		GetY	
YField		GetYField	

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoDoubleClick</u>	

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<u>DoltemRollOver</u>	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Form

Accessors: GetForm

Height

Accessors: GetHeight

Ы

Accessors: GetId

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

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PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

Radius

Accessors: GetRadius

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SortOnXField

Accessors: GetSortOnXField

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

XField

Accessors: GetXField

V

Accessors: GetY

YField

Accessors: GetYField

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Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDoubleClick(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoltemRollOver(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

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Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
State	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

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ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

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Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name Type		Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp(

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border

y number Y-coordinate of location relative to object's top border	
---	--

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number Y-coordinate of location relative to object's top border		

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name Type		Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Description

Parameters:

Name

keys	string	A sequence of keystrokes.

FlexLinkBar Top Previous Next

FlexLinkBar

Behavior Pattern: FlexLinkBarBehavior

Type

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColor	
BackgroundImage		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
<u>ClassName</u>		GetClassName	
CreationIndex		GetCreationIndex	

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CreationPolicy	GetCreationPolicy
<u>CurrentState</u>	GetCurrentState
<u>Direction</u>	GetDirection
<u>Enabled</u>	GetEnabled
<u>ErrorColor</u>	GetErrorColor
<u>ErrorString</u>	GetErrorString
FillAlphas	GetFillAlphas
<u>FillColors</u>	GetFillColors
FlexX	GetFlexX
FlexY	GetFlexY
<u>FocusEnabled</u>	GetFocusEnabled
<u>FontFamily</u>	GetFontFamily
<u>FontSize</u>	GetFontSize
<u>FontStyle</u>	GetFontStyle
<u>FontWeight</u>	GetFontWeight
<u>Height</u>	GetHeight
<u>HorizontalAlign</u>	GetHorizontalAlign
<u>Id</u>	Getld
<u>Label</u>	GetLabel
<u>MouseEnabled</u>	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>NumChildren</u>	GetNumChildren
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
<u>ScaleX</u>	GetScaleX
<u>ScaleY</u>	GetScaleY
SelectedIndex	GetSelectedIndex
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
TabIndex	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>VerticalAlign</u>	GetVerticalAlign
<u>Visible</u>	GetVisible
<u>Width</u>	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChange</u>	
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoDragCancel</u>	
DoDragDrop	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
DoScroll	
<u>DoType</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

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Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Direction

Accessors: GetDirection

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

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Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

HorizontalAlign

Accessors: GetHorizontalAlign

ld

Accessors: GetId

Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SelectedIndex

Accessors: GetSelectedIndex

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TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

VerticalAlign

Accessors: GetVerticalAlign

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChange(relatedObject)

Parameters:

Name	Туре	Description
relatedObject	String	

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Ontional Default: TAB

DoClick(keyModifier)

Parameters:

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Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Type	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt

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6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Туре	Description
Number	
Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack Optional, Default: null.
	Number Number

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DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter	
<u>Bitmap</u>	UI Image of the object.	GetBitmap		
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap		
<u>Class</u>	Class of the object.	GetClass		
<u>Height</u>	Height of the object.	GetHeight		
<u>Name</u>	Name of the object.	GetName		
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType		
<u>State</u>	State of the object.	GetState		
<u>Value</u>	Value of the object.	GetValue	SetValue	
Width	Width of the object.	GetWidth		
WindowText	Window text of the object.	GetWindowText	SetWindowText	
X	X-coordinate of the top left corner of the object.	GetX		
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY		

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
DoClick	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
DoMDClick	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

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Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description

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clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

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Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
У	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexList

Behavior Pattern: FlexListBehavior

Property Summary

Property	Description	Getter	Setter
AllowMultipleSelection		GetAllowMultipleSelection	
Alpha		GetAlpha	
AlternatingRowColors		GetAlternatingRowColors	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
AutomationName		GetAutomationName	
BackgroundDisabledColor		GetBackgroundDisabledColor	
ClassName		GetClassName	
ColumnCount		GetColumnCount	
ColumnWidth		GetColumnWidth	
CurrentState		GetCurrentState	
DataTipField		GetDataTipField	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusAlpha		GetFocusAlpha	
FocusEnabled		GetFocusEnabled	
Height		GetHeight	
IconField		GetlconField	
<u>Id</u>		Getld	
LabelField		GetLabelField	
LockedColumnCount		GetLockedColumnCount	
LockedRowCount		GetLockedRowCount	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
PercentHeight		GetPercentHeight	
PercentWidth		GetPercentWidth	
RollOverColor		GetRollOverColor	
RowCount		GetRowCount	
RowHeight		GetRowHeight	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
Selectable		GetSelectable	
SelectedIndex		GetSelectedIndex	
SelectedIndices		GetSelectedIndices	
SelectedItem		GetSelectedItem	
SelectedItems		GetSelectedItems	
SelectionColor		GetSelectionColor	
Selection Disabled Color		GetSelectionDisabledColor	
ShowDataTips		GetShowDataTips	
TabChildren		GetTabChildren	
TabEnabled		GetTabEnabled	
Tablindex		GetTabIndex	
TextRollOverColor		GetTextRollOverColor	
TextSelectedColor		GetTextSelectedColor	
ThemeColor		GetThemeColor	
ToolTip		GetToolTip	
		GetUseHandCursor	
UseHandCursor UsePallOver			
<u>UseRollOver</u>		GetUseRollOver	
VariableRowHeight		GetVariableRowHeight	
<u>VerticalAlign</u>		GetVerticalAlign	
<u>Visible</u>		GetVisible	

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<u>Width</u>	GetWidth	
WordWrap	GetWordWrap	
<u>X</u>	GetX	
<u>Y</u>	GetY	

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoDeselect</u>	
<u>DoDoubleClick</u>	
<u>DoDragCancel</u>	
<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoEdit</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
<u>DoMultiSelect</u>	
DoScroll	
<u>DoSelect</u>	
<u>DoType</u>	

Property Detail

AllowMultipleSelection

Accessors: GetAllowMultipleSelection

Alpha

Accessors: GetAlpha

AlternatingRowColors

Accessors: GetAlternatingRowColors

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

ClassName

Accessors: GetClassName

ColumnCount

Accessors: GetColumnCount

ColumnWidth

Accessors: GetColumnWidth

CurrentState

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Accessors: GetCurrentState

DataTipField

Accessors: GetDataTipField

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusAlpha

Accessors: GetFocusAlpha

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

IconField

Accessors: GetIconField

ld

Accessors: GetId

LabelField

Accessors: GetLabelField

LockedColumnCount

Accessors: GetLockedColumnCount

LockedRowCount

Accessors: GetLockedRowCount

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

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RollOverColor

Accessors: GetRollOverColor

RowCount

Accessors: GetRowCount

RowHeight

Accessors: GetRowHeight

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

Selectable

Accessors: GetSelectable

SelectedIndex

Accessors: GetSelectedIndex

SelectedIndices

Accessors: GetSelectedIndices

SelectedItem

Accessors: GetSelectedItem

SelectedItems

Accessors: GetSelectedItems

SelectionColor

Accessors: GetSelectionColor

SelectionDisabledColor

Accessors: GetSelectionDisabledColor

ShowDataTips

Accessors: GetShowDataTips

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextRollOverColor

Accessors: GetTextRollOverColor

TextSelectedColor

Accessors: GetTextSelectedColor

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ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

UseRollOver

Accessors: GetUseRollOver

VariableRowHeight

Accessors: GetVariableRowHeight

VerticalAlign

Accessors: GetVerticalAlign

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

WordWrap

Accessors: GetWordWrap

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt

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	7 flexControlShiftAlt
	Optional, Default: 0.

DoDeselect(itemRenderer, triggerEvent, keyModifier)

Parameters:

Name	Туре	Description
itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDoubleClick(itemRenderer)

Parameters:

Name	Туре	Description
itemRenderer	String	

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Туре	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	

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FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoEdit(itemRenderer, rowlndex, columnIndex)

Parameters:

Name	Туре	Description
itemRenderer	String	
rowIndex	Number	
columnIndex	Number	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

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Name	Туре	Description
delta	Number	Ontinnal Default 0
		Optional, Default: 0.

DoMultiSelect(itemRenderer, triggerEvent, keyModifier)

Parameters:

Name	Туре	Description
itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack

DoSelect(itemRenderer, triggerEvent, keyModifier)

Parameters:

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Description
FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.
FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.

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<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
DoMButtonDown	Performs middle mouse button down.
DoMButtonUp	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
DoMDClick	Performs a middle double click at the center of an object or at the specified location.
DoMouseMove	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

V

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

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DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns

'true' if operation is successful, 'false' otherwise

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DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name Type Description		,	
	Name	Туре	

х	(number	X-coordinate of location relative to object's left border
у	1	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexListBase

Behavior Pattern: FlexListBaseBehavior

Property Summary

Property	Description	Getter	Setter
AllowMultipleSelection		GetAllowMultipleSelection	
Alpha		GetAlpha	
AlternatingRowColors		GetAlternatingRowColors	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
BackgroundDisabledColor		GetBackgroundDisabledColor	
<u>ClassName</u>		GetClassName	
ColumnCount		GetColumnCount	
ColumnWidth		GetColumnWidth	
CurrentState		GetCurrentState	
DataTipField		GetDataTipField	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusAlpha		GetFocusAlpha	
FocusEnabled		GetFocusEnabled	
Height		GetHeight	
IconField		GetIconField	
<u>ld</u>		GetId	
LabelField		GetLabelField	
LockedColumnCount		GetLockedColumnCount	
LockedRowCount		GetLockedRowCount	
<u>MouseEnabled</u>		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
PercentHeight		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
RollOverColor		GetRollOverColor	
RowCount		GetRowCount	
RowHeight		GetRowHeight	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
Selectable		GetSelectable	
SelectedIndex		GetSelectedIndex	

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SelectedIndices	GetSelectedIndices
SelectedItem	GetSelectedItem
<u>SelectedItems</u>	GetSelectedItems
SelectionColor	GetSelectionColor
<u>SelectionDisabledColor</u>	GetSelectionDisabledColor
<u>ShowDataTips</u>	GetShowDataTips
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>TextRollOverColor</u>	GetTextRollOverColor
<u>TextSelectedColor</u>	GetTextSelectedColor
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>UseRollOver</u>	GetUseRollOver
<u>VariableRowHeight</u>	GetVariableRowHeight
<u>VerticalAlign</u>	GetVerticalAlign
Visible	GetVisible
Width	GetWidth
WordWrap	GetWordWrap
X	GetX
<u>Y</u>	GetY

Action Summary

Action	Description	
<u>DoChangeFocus</u>		
<u>DoClick</u>		
DoDeselect		
DoDoubleClick		
<u>DoDragCancel</u>		
DoDragDrop		
DoDragStart		
DoMouseMove		
<u>DoMouseScroll</u>		
<u>DoMultiSelect</u>		
DoScroll		
DoSelect		
DoType		

Property Detail

AllowMultipleSelection

Accessors: GetAllowMultipleSelection

Alpha

Accessors: GetAlpha

AlternatingRowColors

Accessors: GetAlternatingRowColors

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

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Accessors: GetAutomationName

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

ClassName

Accessors: GetClassName

ColumnCount

Accessors: GetColumnCount

ColumnWidth

Accessors: GetColumnWidth

CurrentState

Accessors: GetCurrentState

DataTipField

Accessors: GetDataTipField

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusAlpha

Accessors: GetFocusAlpha

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

IconField

Accessors: GetIconField

ld

Accessors: GetId

LabelField

Accessors: GetLabelField

LockedColumnCount

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Accessors: GetLockedColumnCount

LockedRowCount

Accessors: GetLockedRowCount

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

RollOverColor

Accessors: GetRollOverColor

RowCount

Accessors: GetRowCount

RowHeight

Accessors: GetRowHeight

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

Selectable

Accessors: GetSelectable

SelectedIndex

Accessors: GetSelectedIndex

SelectedIndices

Accessors: GetSelectedIndices

SelectedItem

Accessors: GetSelectedItem

SelectedItems

Accessors: GetSelectedItems

SelectionColor

Accessors: GetSelectionColor

SelectionDisabledColor

Accessors: GetSelectionDisabledColor

ShowDataTips

Accessors: GetShowDataTips

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TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextRollOverColor

Accessors: GetTextRollOverColor

TextSelectedColor

Accessors: GetTextSelectedColor

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

UseRollOver

Accessors: GetUseRollOver

VariableRowHeight

Accessors: GetVariableRowHeight

VerticalAlign

Accessors: GetVerticalAlign

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

WordWrap

Accessors: GetWordWrap

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

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Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoDeselect(itemRenderer, triggerEvent, keyModifier)

Parameters:

Name	Туре	Description
itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDoubleClick(itemRenderer)

Parameters:

Name	Туре	Description
itemRenderer	String	

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl

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2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Туре	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt

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6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	
		Optional, Default: 0.

DoMultiSelect(itemRenderer, triggerEvent, keyModifier)

Parameters:

Name	Туре	Description
itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Name	Type	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition

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1	14 flexThumbTrack
С	Optional, Default: null.

DoSelect(itemRenderer, triggerEvent, keyModifier)

Parameters:

Name	Туре	Description
itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText

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<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

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X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
У	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name Type Description			
x	number	X-coordinate of location relative to object's left border	
V	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

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Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexListLabel

Behavior Pattern: FlexListLabelBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>AutomationValue</u>		GetAutomationValue	
<u>ClassName</u>		GetClassName	
FlexX		GetFlexX	
FlexY		GetFlexY	
Height		GetHeight	
MouseEnabled		GetMouseEnabled	
<u>TabChildren</u>		GetTabChildren	
TabEnabled		GetTabEnabled	
TabIndex		GetTabIndex	
<u>Visible</u>		GetVisible	
Width		GetWidth	
X		GetX	
<u>Y</u>		GetY	

Action Summary

Action	Description
<u>DoClick</u>	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

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AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

AutomationValue

Accessors: GetAutomationValue

ClassName

Accessors: GetClassName

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

Height

Accessors: GetHeight

MouseEnabled

Accessors: GetMouseEnabled

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl

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2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
ObjectType	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.

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<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
DoRButtonDown	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
DoSendKeys	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

|--|

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path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
У	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name Type Description		Description	
x number X-coordinate of location relative to object's left border			
V	number	number Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

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Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexLoader

Behavior Pattern: FlexLoaderBehavior

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>ClassName</u>		GetClassName	
<u>CurrentState</u>		GetCurrentState	
Enabled		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
<u>FlexX</u>		GetFlexX	
<u>FlexY</u>		GetFlexY	
<u>FocusEnabled</u>		GetFocusEnabled	
<u>Height</u>		GetHeight	
<u>ld</u>		GetId	
<u>MouseEnabled</u>		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
PercentHeight		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
<u>ScaleX</u>		GetScaleX	
<u>ScaleY</u>		GetScaleY	
<u>Source</u>		GetSource	
<u>TabChildren</u>		GetTabChildren	
<u>TabEnabled</u>		GetTabEnabled	
<u>TabIndex</u>		GetTabIndex	
<u>ThemeColor</u>		GetThemeColor	
<u>ToolTip</u>		GetToolTip	
<u>UseHandCursor</u>		GetUseHandCursor	
<u>Visible</u>		GetVisible	
<u>Width</u>		GetWidth	
<u>X</u>		GetX	
<u>Y</u>		GetY	

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
DoMouseMove	

Property Detail

Alpha

Accessors: GetAlpha

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AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

ld

Accessors: GetId

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

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ScaleY

Accessors: GetScaleY

Source

Accessors: GetSource

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift

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4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Type	Description
Number	Optional, Default: 0.
Number	Optional, Default: 0.
Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.
	Number Number

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
State	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description		
<u>DoAction</u>	Performs default action for an object.		
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.		
DoClick	Performs left click at the center of an object.		
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.		
<u>DoLButtonDown</u>	Performs left mouse button down.		
<u>DoLButtonUp</u>	Performs left mouse button up.		
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.		
DoLDClick	Performs a left double click at the center of an object or at the specified location.		
DoMButtonDown	Performs middle mouse button down.		
<u>DoMButtonUp</u>	Performs middle mouse button up.		
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.		

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<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.	
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.	
<u>DoRButtonDown</u>	Performs right mouse button down.	
<u>DoRButtonUp</u>	Performs right mouse button up.	
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.	
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.	
DoSendKeys	Sends series of keystrokes to an object.	

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).

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left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp(

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

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Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexMenu

Behavior Pattern: FlexMenuBehavior

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
AlternatingRowColors		GetAlternatingRowColors	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>ClassName</u>		GetClassName	
CurrentState		GetCurrentState	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>Height</u>		GetHeight	
<u>ld</u>		Getld	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
PercentHeight		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
RollOverColor		GetRollOverColor	
RowCount		GetRowCount	
<u>ScaleX</u>		GetScaleX	
<u>ScaleY</u>		GetScaleY	
SelectedIndex		GetSelectedIndex	
SelectionColor		GetSelectionColor	
<u>TabChildren</u>		GetTabChildren	
<u>TabEnabled</u>		GetTabEnabled	
TabIndex		GetTabIndex	
<u>TextRollOverColor</u>		GetTextRollOverColor	
<u>TextSelectedColor</u>		GetTextSelectedColor	
<u>ThemeColor</u>		GetThemeColor	
<u>ToolTip</u>		GetToolTip	
<u>UseHandCursor</u>		GetUseHandCursor	
<u>Visible</u>		GetVisible	
<u>Width</u>		GetWidth	
<u>X</u>		GetX	
<u>Y</u>		GetY	

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoHide</u>	

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<u>DoMouseMove</u>	
<u>DoSelect</u>	
<u>DoShow</u>	
<u>DoType</u>	

Property Detail

Alpha

Accessors: GetAlpha

AlternatingRowColors

Accessors: GetAlternatingRowColors

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

ld

Accessors: GetId

MouseEnabled

Accessors: GetMouseEnabled

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NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

RollOverColor

Accessors: GetRollOverColor

RowCount

Accessors: GetRowCount

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SelectedIndex

Accessors: GetSelectedIndex

SelectionColor

Accessors: GetSelectionColor

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextRollOverColor

Accessors: GetTextRollOverColor

TextSelectedColor

Accessors: GetTextSelectedColor

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

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Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Type	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoHide()

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

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DoSelect(itemRenderer)

Parameters:

Name	Туре	Description
itemRenderer	String	

DoShow(itemRenderer)

Parameters:

Name	Туре	Description
itemRenderer	String	

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
State	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
DoLButtonUp	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.

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DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

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Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly

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before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexMenuBar Top Previous Next

FlexMenuBar

Behavior Pattern: FlexMenuBarBehavior

Property Summary

Description	Getter	Setter
	GetAlpha	
	GetAutomationClassName	
	GetAutomationIndex	
	GetAutomationName	
	GetBackgroundColor	
	GetClassName	
	GetColor	
	GetCurrentState	
	GetDisabledColor	
	GetEnabled	
	GetErrorColor	
	GetErrorString	
	GetFillColors	
	GetFlexX	
	GetFlexY	
	GetFocusEnabled	
	GetFontFamily	
	GetFontStyle	
	-	
	Getld	
	GetMouseEnabled	
	GetNumAutomationChildren	
	GetNumChildren	
	GetPercentWidth	
	GetRollOverColor	
	GetScaleX	
	GetScaleY	
	GetSelectedIndex	
	GetSelectionColor	
	GetTabChildren	
	GetTabEnabled	
	GetTabIndex	
	GetTextIndent	
	GetThemeColor	
	GetUseHandCursor	
	Description	GetAutomationClassName GetAutomationIndex GetAutomationIndex GetPackgroundColor GetClassName GetBackgroundColor GetClassName GetColor GetColor GetColor GetEmbled GetEmorColor GetEmbled GetEmorColor GetEmorString GetFillColors GetFillColors GetFillColors GetFillColors GetFousEnabled GetFousEnabled GetFontString GetFousEnabled GetFontStrip GetFousEnabled GetFontStrip GetFontStrip GetFontStrip GetFontStrip GetFontWeight GetFontWeight GetHeight GetHeight GetHeight GetHeight GetHousEnabled GetNumAutomationChildren GetNumChildren GetNumChildren GetPercentHeight GetPercentHeight GetFontStrip GetFontStrip GetFontStrip GetFontStrip GetFontStrip GetFontStrip GetTontStrip

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<u>Visible</u>	GetVisible	
Width	GetWidth	
<u>X</u>	GetX	
<u>Y</u>	GetY	

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoHide</u>	
<u>DoMouseMove</u>	
DoShow	
<u>DoType</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundColor

Accessors: GetBackgroundColor

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

CurrentState

Accessors: GetCurrentState

DisabledColor

Accessors: GetDisabledColor

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillColors

Accessors: GetFillColors

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FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

ld

Accessors: GetId

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

RollOverColor

Accessors: GetRollOverColor

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SelectedIndex

Accessors: GetSelectedIndex

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SelectionColor

Accessors: GetSelectionColor

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

TextDecoration

Accessors: GetTextDecoration

TextIndent

Accessors: GetTextIndent

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

v

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

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Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoHide()

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoShow(itemRenderer)

Parameters:

Name	Туре	Description
itemRenderer	String	

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

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Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
<u>Width</u>	Width of the object.	GetWidth	
<u>WindowText</u>	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
DoMDClick	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

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SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

Х

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before

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calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexNavigationBar

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FlexNavigationBar

Behavior Pattern: FlexNavigationBarBehavior

Property Summary

Property	Description	Getter Setter
<u>Alpha</u>		GetAlpha
<u>AutomationClassName</u>		GetAutomationClassName
AutomationIndex		GetAutomationIndex
<u>AutomationName</u>		GetAutomationName
BackgroundAlpha		GetBackgroundAlpha
BackgroundColor		GetBackgroundColor
BackgroundDisabledColor		GetBackgroundDisabledColor
BackgroundImage		GetBackgroundImage
BackgroundSize		GetBackgroundSize
<u>ClassName</u>		GetClassName
CreationIndex		GetCreationIndex
CreationPolicy		GetCreationPolicy

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<u>CurrentState</u>	GetCurrentState
<u>Direction</u>	GetDirection
<u>Enabled</u>	GetEnabled
<u>ErrorColor</u>	GetErrorColor
<u>ErrorString</u>	GetErrorString
<u>FillAlphas</u>	GetFillAlphas
<u>FillColors</u>	GetFillColors
FlexX	GetFlexX
FlexY	GetFlexY
<u>FocusEnabled</u>	GetFocusEnabled
<u>FontFamily</u>	GetFontFamily
<u>FontSize</u>	GetFontSize
<u>FontStyle</u>	GetFontStyle
<u>FontWeight</u>	GetFontWeight
<u>Height</u>	GetHeight
<u>HorizontalAlign</u>	GetHorizontalAlign
<u>ld</u>	Getld
<u>Label</u>	GetLabel
<u>MouseEnabled</u>	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>NumChildren</u>	GetNumChildren
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
<u>ScaleX</u>	GetScaleX
<u>ScaleY</u>	GetScaleY
SelectedIndex	GetSelectedIndex
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
ToolTip	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>VerticalAlign</u>	GetVerticalAlign
<u>Visible</u>	GetVisible
<u>Width</u>	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChange</u>	
<u>DoChangeFocus</u>	
<u>DoClick</u>	
DoDragCancel	
<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
DoScroll	
<u>DoType</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

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Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Direction

Accessors: GetDirection

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

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FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

HorizontalAlign

Accessors: GetHorizontalAlign

ld

Accessors: GetId

Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SelectedIndex

Accessors: GetSelectedIndex

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TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

VerticalAlign

Accessors: GetVerticalAlign

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChange(relatedObject)

Parameters:

Name	Туре	Description
relatedObject	String	

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description

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keyModifier	Number	FlexKeyModifierValues
		1 flexControl
		2 flexShift
		4 flexAlt
		3 flexControlShift
		5 flexControlAlt
		6 flexShiftAlt
		7 flexControlShiftAlt
		Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Type	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt

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	7 flexControlShiftAlt
	Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Туре	Description
Number	
Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack Optional, Default: null.
	Number Number

DoType(keyCode, keyModifier)

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Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object.

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Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click

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		Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
х	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexNumericStepper

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FlexNumericStepper

Behavior Pattern: FlexNumericStepperBehavior

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Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
AutomationName		GetAutomationName	
ClassName		GetClassName	
Color		GetColor	
CurrentState		GetCurrentState	
DisabledColor		GetDisabledColor	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FillColors		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
FontFamily		GetFontFamily	
FontSize		GetFontSize	
FontStyle		GetFontStyle	
FontWeight		GetFontWeight	
Height		GetHeight	
<u>Id</u>		Getld	
Maximum		GetMaximum	
Minimum		GetMinimum	
MouseEnabled		GetMouseEnabled	
NextValue		GetNextValue	
NumAutomationChildren		GetNumAutomationChildre	n
PercentHeight		GetPercentHeight	11
PercentWidth		GetPercentWidth	
Previous Value		GetPreviousValue	
		GetScaleX	
<u>ScaleX</u>		GetScaleY	
ScaleY StanSina			
StepSize Tab Children		GetStepSize	
<u>TabChildren</u>		GetTabChildren GetTabEnabled	
<u>TabEnabled</u>			
Tablndex		GetTablidex	
<u>TextAlign</u>		GetTextAlign	
<u>TextDecoration</u>		GetTextDecoration	
TextIndent Therma Calar		GetTextIndent	
<u>ThemeColor</u>		GetThemeColor	
ToolTip		GetToolTip	
<u>UseHandCursor</u>		GetUseHandCursor	
<u>Value</u>		GetValue	
Visible		GetVisible	
Width		GetWidth	
<u>X</u>		GetX	
<u>Y</u>		GetY	

Action Summary

Action	Description
<u>DoChange</u>	
<u>DoChangeFocus</u>	
DoClick	
DoInput	
<u>DoMouseMove</u>	
<u>DoSelectText</u>	

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Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

CurrentState

Accessors: GetCurrentState

DisabledColor

Accessors: GetDisabledColor

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

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FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

ld

Accessors: GetId

Maximum

Accessors: GetMaximum

Minimum

Accessors: GetMinimum

MouseEnabled

Accessors: GetMouseEnabled

NextValue

Accessors: GetNextValue

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

PreviousValue

Accessors: GetPreviousValue

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

StepSize

Accessors: GetStepSize

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

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TextAlign

Accessors: GetTextAlign

TextDecoration

Accessors: GetTextDecoration

TextIndent

Accessors: GetTextIndent

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Value

Accessors: GetValue

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChange(value)

Parameters:

Name	Туре	Description
value	Number	

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description

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keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoInput(text)

Parameters:

Name	Туре	Description
text	String	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoSelectText(beginIndex, endIndex)

Parameters:

Name	Туре	Description
beginIndex	Number	
endIndex	Number	

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

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Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object.

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Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

Χ

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

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DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Description

Parameters:

Name

keys	string	A sequence of keystrokes.	

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FlexObject

Behavior Pattern: FlexObjectBehavior

Type

Property Summary

Property	Description	Getter Setter
<u>Alpha</u>		GetAlpha
<u>AutomationClassName</u>		GetAutomationClassName
<u>AutomationIndex</u>		GetAutomationIndex
<u>AutomationName</u>		GetAutomationName
<u>ClassName</u>		GetClassName
<u>CurrentState</u>		GetCurrentState
<u>Enabled</u>		GetEnabled
ErrorColor		GetErrorColor
ErrorString		GetErrorString

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FlexX	GetFlexX
FlexY	GetFlexY
<u>FocusEnabled</u>	GetFocusEnabled
<u>Height</u>	GetHeight
<u>ld</u>	Getld
MouseEnabled	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>PercentHeight</u>	GetPercentHeight
PercentWidth	GetPercentWidth
ScaleX	GetScaleX
ScaleY	GetScaleY
<u>TabChildren</u>	GetTabChildren
TabEnabled	GetTabEnabled
TabIndex	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
Width	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

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FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

ld

Accessors: GetId

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

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Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

Behavior Pattern: Win32Generic

Property Summary

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Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

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State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

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Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexPanel

Behavior Pattern: FlexPanelBehavior

Property Summary

Property	Description	Getter Setter	r
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
<u>BackgroundColor</u>		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColor	
<u>BackgroundImage</u>		GetBackgroundImage	
<u>BackgroundSize</u>		GetBackgroundSize	
<u>ClassName</u>		GetClassName	
CreationIndex		GetCreationIndex	
CreationPolicy		GetCreationPolicy	
<u>CurrentState</u>		GetCurrentState	
<u>DropShadowEnabled</u>		GetDropShadowEnabled	
<u>Enabled</u>		GetEnabled	
ErrorColor		GetErrorColor	

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ErrorString	GetErrorString
<u>FillAlphas</u>	GetFillAlphas
<u>FillColors</u>	GetFillColors
<u>FlexX</u>	GetFlexX
<u>FlexY</u>	GetFlexY
<u>FocusEnabled</u>	GetFocusEnabled
<u>FontFamily</u>	GetFontFamily
<u>FontSize</u>	GetFontSize
<u>FontStyle</u>	GetFontStyle
<u>FontWeight</u>	GetFontWeight
<u>FooterColors</u>	GetFooterColors
<u>HeaderColors</u>	GetHeaderColors
<u>HeaderHeight</u>	GetHeaderHeight
<u>Height</u>	GetHeight
<u>ld</u>	Getld
<u>Label</u>	GetLabel
<u>MouseEnabled</u>	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>NumChildren</u>	GetNumChildren
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
<u>ScaleX</u>	GetScaleX
<u>ScaleY</u>	GetScaleY
<u>Status</u>	GetStatus
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
Tablndex	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>Title</u>	GetTitle
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
<u>Width</u>	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
DoDragCancel	
<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
DoScroll	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

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AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

DropShadowEnabled

Accessors: GetDropShadowEnabled

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

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FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

FooterColors

Accessors: GetFooterColors

HeaderColors

Accessors: GetHeaderColors

HeaderHeight

Accessors: GetHeaderHeight

Height

Accessors: GetHeight

ld

Accessors: GetId

Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

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Status

Accessors: GetStatus

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

Title

Accessors: GetTitle

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift

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4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Туре	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

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DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Name	Type	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter

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Bitmap	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
<u>Class</u>	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

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Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

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Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
У	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
V	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

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DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Description

Parameters:

Name

key	S	string	A sequence of keystrokes.

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FlexPieChart

Behavior Pattern: FlexPieChartBehavior

Type

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
ClassName		GetClassName	
ClipContent		GetClipContent	
CurrentState		GetCurrentState	
<u>DataTipLayerIndex</u>		GetDataTipLayerIndex	
<u>DataTipMode</u>		GetDataTipMode	
Description		GetDescription	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	

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<u>FontFamily</u>	GetFontFamily
<u>FontSize</u>	GetFontSize
<u>Height</u>	GetHeight
<u>ld</u>	Getld
<u>InnerRadius</u>	GetInnerRadius
<u>MaximumDataTipCount</u>	GetMaximumDataTipCount
<u>MouseEnabled</u>	GetMouseEnabled
<u>MouseSensitivity</u>	GetMouseSensitivity
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>PaddingBottom</u>	GetPaddingBottom
<u>PaddingLeft</u>	GetPaddingLeft
<u>PaddingRight</u>	GetPaddingRight
<u>PaddingTop</u>	GetPaddingTop
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
ScaleX	GetScaleX
<u>ScaleY</u>	GetScaleY
<u>ShowDataTips</u>	GetShowDataTips
<u>ShowDataTipTargets</u>	GetShowDataTipTargets
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>TextAlign</u>	GetTextAlign
<u>ThemeColor</u>	GetThemeColor
ToolTip	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
Width	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

ClipContent

Accessors: GetClipContent

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CurrentState

Accessors: GetCurrentState

DataTipLayerIndex

Accessors: GetDataTipLayerIndex

DataTipMode

Accessors: GetDataTipMode

Description

Accessors: GetDescription

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

Height

Accessors: GetHeight

ld

Accessors: GetId

InnerRadius

Accessors: GetInnerRadius

 ${\bf Maximum Data Tip Count}$

Accessors: GetMaximumDataTipCount

MouseEnabled

Accessors: GetMouseEnabled

MouseSensitivity

Accessors: GetMouseSensitivity

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NumAutomationChildren

Accessors: GetNumAutomationChildren

PaddingBottom

Accessors: GetPaddingBottom

PaddingLeft

Accessors: GetPaddingLeft

PaddingRight

Accessors: GetPaddingRight

PaddingTop

Accessors: GetPaddingTop

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

ShowDataTips

Accessors: GetShowDataTips

ShowDataTipTargets

Accessors: GetShowDataTipTargets

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

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Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Type	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

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Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
<u>Width</u>	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

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SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before

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calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Description

Parameters:

Name

keys	string	A sequence of keystrokes.

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FlexPieSeries

Behavior Pattern: FlexPieSeriesBehavior

Type

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
CalloutGap		GetCalloutGap	
ClassName		GetClassName	
CurrentState		GetCurrentState	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
ExplodeRadius		GetExplodeRadius	
Field		GetField	

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FlexX	GetFlexX
FlexY	GetFlexY
<u>FocusEnabled</u>	GetFocusEnabled
<u>FontSize</u>	GetFontSize
<u>Height</u>	GetHeight
<u>ld</u>	GetId
<u>InnerRadius</u>	GetInnerRadius
<u>InsideLabelSizeLimit</u>	GetInsideLabelSizeLimit
<u>LabelPosition</u>	GetLabelPosition
<u>MaxLabelRadius</u>	GetMaxLabelRadius
<u>MouseEnabled</u>	GetMouseEnabled
<u>NameField</u>	GetNameField
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>OuterRadius</u>	GetOuterRadius
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
<u>ScaleX</u>	GetScaleX
<u>ScaleY</u>	GetScaleY
<u>StartAngle</u>	GetStartAngle
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
Tablndex	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
<u>Width</u>	GetWidth
<u>X</u> <u>Y</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoDoubleClick</u>	
DoltemRollOver	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

CalloutGap

Accessors: GetCalloutGap

ClassName

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Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

ExplodeRadius

Accessors: GetExplodeRadius

Field

Accessors: GetField

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontSize

Accessors: GetFontSize

Height

Accessors: GetHeight

ld

Accessors: GetId

InnerRadius

Accessors: GetInnerRadius

InsideLabelSizeLimit

Accessors: GetInsideLabelSizeLimit

LabelPosition

Accessors: GetLabelPosition

MaxLabelRadius

Accessors: GetMaxLabelRadius

MouseEnabled

Accessors: GetMouseEnabled

NameField

Accessors: GetNameField

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NumAutomationChildren

Accessors: GetNumAutomationChildren

OuterRadius

Accessors: GetOuterRadius

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

StartAngle

Accessors: GetStartAngle

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

Χ

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

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Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues flexControl flexShift flexAlt flexControlShift flexControlAlt flexShiftAlt flexControlShiftAlt
		Optional, Default: 0.

DoDoubleClick(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoltemRollOver(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

Behavior Pattern: Win32Generic

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Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
DoMDClick	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

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State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Type	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

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Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
У	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexPlotSeries

Behavior Pattern: FlexPlotSeriesBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
ClassName		GetClassName	
<u>CurrentState</u>		GetCurrentState	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
Height		GetHeight	
<u>ld</u>		Getld	

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MouseEnabled	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
Radius	GetRadius
ScaleX	GetScaleX
<u>ScaleY</u>	GetScaleY
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
Width	GetWidth
X	GetX
XField	GetXField
<u>Y</u>	GetY
YField	GetYField

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoDoubleClick</u>	
<u>DoltemRollOver</u>	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

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FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

ld

Accessors: GetId

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

Radius

Accessors: GetRadius

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

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Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

XField

Accessors: GetXField

Υ

Accessors: GetY

YField

Accessors: GetYField

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDoubleClick(hitSet)

Parameters:

Name	Туре	Description
hitSet	Number	

DoltemRollOver(hitSet)

Parameters:

Name	Туре	Description

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DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
State	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
DoClick	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
DoMButtonDown	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
DoRButtonDown	Performs right mouse button down.
DoRButtonUp	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.

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Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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Behavior Pattern: FlexPopUpButtonBehavior

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
AutomationName		GetAutomationName	
ClassName		GetClassName	
Color		GetColor	
CurrentState		GetCurrentState	
DisabledColor		GetDisabledColor	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
<u>ErrorString</u>		GetErrorString	
FillAlphas		GetFillAlphas	
FillColors		GetFillColors	
		GetFlexX	
FlexY FlexY		GetFlexY	
FocusAlpha		GetFocusAlpha	
FocusEnabled		GetFocusEnabled	
FontFamily		GetFontFamily	
<u>FontSize</u>		GetFontSize	
<u>FontStyle</u>		GetFontStyle	
<u>FontWeight</u>		GetFontWeight	
<u>Height</u>		GetHeight	
<u>Id</u>		Getld	
Label		GetLabel	
<u>LabelPlacement</u>		GetLabelPlacement	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	ו
<u>PercentHeight</u>		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
ScaleX		GetScaleX	
<u>ScaleY</u>		GetScaleY	
Selected		GetSelected	
<u>TabChildren</u>		GetTabChildren	
TabEnabled		GetTabEnabled	
Tablndex		GetTabIndex	
TextAlign		GetTextAlign	
<u>TextDecoration</u>		GetTextDecoration	
TextIndent		GetTextIndent	
TextRollOverColor		GetTextRollOverColor	
TextSelectedColor		GetTextSelectedColor	
ThemeColor		GetThemeColor	
Toggle		GetToggle	
ToolTip		GetToolTip	
<u>UseHandCursor</u>		GetUseHandCursor	
<u>Visible</u>		GetVisible	
Width		GetWidth	
		GetX	
<u>X</u>			
<u>Y</u>		GetY	

Action Summary

Action	Description	
ACHOH	Describiton	

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<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoClose</u>	
<u>DoMouseMove</u>	
<u>DoOpen</u>	
DoType	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

CurrentState

Accessors: GetCurrentState

DisabledColor

Accessors: GetDisabledColor

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusAlpha

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Accessors: GetFocusAlpha

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

ld

Accessors: GetId

Label

Accessors: GetLabel

LabelPlacement

Accessors: GetLabelPlacement

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

Selected

Accessors: GetSelected

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

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TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

TextDecoration

Accessors: GetTextDecoration

TextIndent

Accessors: GetTextIndent

TextRollOverColor

Accessors: GetTextRollOverColor

TextSelectedColor

Accessors: GetTextSelectedColor

ThemeColor

Accessors: GetThemeColor

Toggle

Accessors: GetToggle

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

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Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoClose(triggerEvent)

Parameters:

Name	Туре	Description
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoOpen(triggerEvent)

Parameters:

Name	Туре	Description
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.

DoType(keyCode, keyModifier)

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Parameters:

Name	Туре	Description
keyCode	String	Optional, Default: SPACE.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

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BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

Χ

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
		Optional, Default: L.

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xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

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Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexProgressBar

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FlexProgressBar

Behavior Pattern: FlexProgressBarBehavior

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Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
AutomationName		GetAutomationName	
BarColor		GetBarColor	
BorderColor		GetBorderColor	
ClassName		GetClassName	
Color		GetColor	
Conversion		GetConversion	
CurrentState		GetCurrentState	
Direction		GetDirection	
DisabledColor		GetDisabledColor	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FillColors		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
FontFamily		GetFontFamily	
FontSize		GetFontSize	
		GetFontStyle	
FontStyle FontWeight		·	
<u>FontWeight</u>		GetFontWeight	
<u>Height</u>		GetHeight	
<u>Id</u>		Getld	
<u>Indeterminate</u>		GetIndeterminate	
Label		GetLabel	
<u>LabelPlacement</u>		GetLabelPlacement	
<u>LabelWidth</u>		GetLabelWidth	
<u>Maximum</u>		GetMaximum	
<u>Minimum</u>		GetMinimum	
<u>MouseEnabled</u>		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
<u>PercentComplete</u>		GetPercentComplete	
<u>PercentHeight</u>		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
<u>ScaleX</u>		GetScaleX	
<u>ScaleY</u>		GetScaleY	
<u>TabChildren</u>		GetTabChildren	
<u>TabEnabled</u>		GetTabEnabled	
TabIndex		GetTabIndex	
TextAlign		GetTextAlign	
TextDecoration		GetTextDecoration	
<u>TextIndent</u>		GetTextIndent	
ThemeColor		GetThemeColor	
ToolTip		GetToolTip	
<u>UseHandCursor</u>		GetUseHandCursor	
<u>Value</u>		GetValue	
<u>Visible</u>		GetVisible	
Width		GetWidth	
<u>X</u>		GetX	
<u>Y</u>		GetY	

Action Summary

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<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BarColor

Accessors: GetBarColor

BorderColor

Accessors: GetBorderColor

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

Conversion

Accessors: GetConversion

CurrentState

Accessors: GetCurrentState

Direction

Accessors: GetDirection

DisabledColor

Accessors: GetDisabledColor

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillColors

Accessors: GetFillColors

FlexX

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Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

ld

Accessors: GetId

Indeterminate

Accessors: GetIndeterminate

Label

Accessors: GetLabel

LabelPlacement

Accessors: GetLabelPlacement

LabelWidth

Accessors: GetLabelWidth

Maximum

Accessors: GetMaximum

Minimum

Accessors: GetMinimum

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentComplete

Accessors: GetPercentComplete

PercentHeight

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Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

TextDecoration

Accessors: GetTextDecoration

TextIndent

Accessors: GetTextIndent

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Value

Accessors: GetValue

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

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DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Optional, Default: 0. Optional, Default: 0.
Optional, Default: 0.
FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
State	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText

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<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

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X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
V	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

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Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexRadioButton Top Previous Next

FlexRadioButton

Behavior Pattern: FlexRadioButtonBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
<u>AutomationIndex</u>		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>ClassName</u>		GetClassName	
<u>Color</u>		GetColor	
<u>CurrentState</u>		GetCurrentState	
<u>DisabledColor</u>		GetDisabledColor	
<u>Enabled</u>		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
FillAlphas		GetFillAlphas	
-illColors		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusAlpha		GetFocusAlpha	
FocusEnabled		GetFocusEnabled	
<u>FontFamily</u>		GetFontFamily	
FontSize		GetFontSize	
FontStyle		GetFontStyle	
FontWeight		GetFontWeight	
<u>GroupName</u>		GetGroupName	
<u>Height</u>		GetHeight	
<u>d</u>		GetId	
Label		GetLabel	
<u>LabelPlacement</u>		GetLabelPlacement	
MouseEnabled_		GetMouseEnabled	

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<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
<u>ScaleX</u>	GetScaleX
ScaleY	GetScaleY
Selected	GetSelected
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>TextAlign</u>	GetTextAlign
<u>TextDecoration</u>	GetTextDecoration
<u>TextIndent</u>	GetTextIndent
<u>TextRollOverColor</u>	GetTextRollOverColor
<u>TextSelectedColor</u>	GetTextSelectedColor
<u>ThemeColor</u>	GetThemeColor
Toggle	GetToggle
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
Visible	GetVisible
Width	GetWidth
X	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoMouseMove</u>	
<u>DoType</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

CurrentState

Accessors: GetCurrentState

DisabledColor

Accessors: GetDisabledColor

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Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusAlpha

Accessors: GetFocusAlpha

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

GroupName

Accessors: GetGroupName

Height

Accessors: GetHeight

ld

Accessors: GetId

Label

Accessors: GetLabel

LabelPlacement

Accessors: GetLabelPlacement

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MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

Selected

Accessors: GetSelected

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

TextAlign

Accessors: GetTextAlign

TextDecoration

Accessors: GetTextDecoration

TextIndent

Accessors: GetTextIndent

TextRollOverColor

Accessors: GetTextRollOverColor

TextSelectedColor

Accessors: GetTextSelectedColor

ThemeColor

Accessors: GetThemeColor

Toggle

Accessors: GetToggle

ToolTip

Accessors: GetToolTip

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UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt

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7 flexControlShiftAlt	
Optional, Default: 0.	

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	Optional, Default: SPACE.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
<u>Width</u>	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description	
DoAction	Performs default action for an object.	
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.	
<u>DoClick</u>	Performs left click at the center of an object.	
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.	
<u>DoLButtonDown</u>	Performs left mouse button down.	
<u>DoLButtonUp</u>	Performs left mouse button up.	
DoLClick	Performs a left click at the center of an object or at the specified location.	
DoLDClick	Performs a left double click at the center of an object or at the specified location.	
<u>DoMButtonDown</u>	Performs middle mouse button down.	
<u>DoMButtonUp</u>	Performs middle mouse button up.	
DoMClick	Performs a middle click at the center of an object or at the specified location.	
DoMDClick	Performs a middle double click at the center of an object or at the specified location.	
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.	
DoRButtonDown	Performs right mouse button down.	
<u>DoRButtonUp</u>	Performs right mouse button up.	
DoRClick	Performs a right click at the center of an object or at the specified location.	

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DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

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Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
х	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys('^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexRepeater

Behavior Pattern: FlexRepeaterBehavior

Property Summary

Property	Description	Getter	Setter
<u>AutomationIndex</u>		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
ClassName		GetClassName	
Count		GetCount	
<u>ld</u>		GetId	

Property Detail

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

Count

Accessors: GetCount

ld

Accessors: GetId

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
State	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description	
<u>DoAction</u>	Performs default action for an object.	
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.	
<u>DoClick</u>	Performs left click at the center of an object.	
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.	
DoLButtonDown	Performs left mouse button down.	

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<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
DoMDClick	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

v

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

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DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp(

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

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DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
V	number	Y-coordinate of location relative to object's top border	

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Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexRule

Behavior Pattern: FlexRuleBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>ClassName</u>		GetClassName	
Color		GetColor	
<u>CurrentState</u>		GetCurrentState	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
<u>FocusEnabled</u>		GetFocusEnabled	
<u>Height</u>		GetHeight	
<u>Id</u>		GetId	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
<u>PercentHeight</u>		GetPercentHeight	
PercentWidth		GetPercentWidth	
ScaleX		GetScaleX	
<u>ScaleY</u>		GetScaleY	
StrokeWidth		GetStrokeWidth	
<u>TabChildren</u>		GetTabChildren	
<u>TabEnabled</u>		GetTabEnabled	
TabIndex		GetTabIndex	
<u>ThemeColor</u>		GetThemeColor	
<u>ToolTip</u>		GetToolTip	
<u>UseHandCursor</u>		GetUseHandCursor	
<u>Visible</u>		GetVisible	
<u>Width</u>		GetWidth	
X		GetX	
<u>Y</u>		GetY	

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoMouseMove</u>	

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Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

ld

Accessors: GetId

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

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Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

StrokeWidth

Accessors: GetStrokeWidth

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

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DoClick(keyModifier)

Parameters:

Name	Type	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.
		Optional, Delault. 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
<u>Width</u>	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.

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DoEnsureVisible	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
DoMButtonDown	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
DoMDClick	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
DoRButtonDown	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

v

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

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DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Type	Description
	. , , , ,	

X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

ľ	Name	туре	Description
ŀ	keys	string	A sequence of keystrokes.

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FlexScrollBar

Behavior Pattern: FlexScrollBarBehavior

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
ClassName		GetClassName	
<u>CurrentState</u>		GetCurrentState	
Enabled		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
FillColors		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>Height</u>		GetHeight	
<u>Id</u>		Getld	
LineScrollSize		GetLineScrollSize	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
PageScrollSize		GetPageScrollSize	
PercentHeight		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
ScrollPosition		GetScrollPosition	
<u>TabChildren</u>		GetTabChildren	
<u>TabEnabled</u>		GetTabEnabled	
TabIndex		GetTabIndex	
ThemeColor		GetThemeColor	
ToolTip		GetToolTip	
TrackColors		GetTrackColors	
<u>UseHandCursor</u>		GetUseHandCursor	
Visible		GetVisible	
Width		GetWidth	
X		GetX	
<u>Y</u>		GetY	

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Action Summary

Action	Description
DoChangeFocus	
DoClick	
<u>DoMouseMove</u>	
DoScroll	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

ld

Accessors: GetId

LineScrollSize

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Accessors: GetLineScrollSize

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PageScrollSize

Accessors: GetPageScrollSize

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

ScrollPosition

Accessors: GetScrollPosition

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

TrackColors

Accessors: GetTrackColors

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

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Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues

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		1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineDeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack
		Optional, Default: null.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

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Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

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Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
У	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("AF") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
kevs	string	A sequence of keystrokes.

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Behavior Pattern: FlexScrollBaseBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
<u>AutomationIndex</u>		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>ClassName</u>		GetClassName	
<u>CurrentState</u>		GetCurrentState	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>Height</u>		GetHeight	
<u>ld</u>		GetId	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
<u>PercentHeight</u>		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
<u>TabChildren</u>		GetTabChildren	
TabEnabled		GetTabEnabled	
TabIndex		GetTabIndex	
<u>ThemeColor</u>		GetThemeColor	
ToolTip		GetToolTip	
<u>UseHandCursor</u>		GetUseHandCursor	
<u>Visible</u>		GetVisible	
Width		GetWidth	
X		GetX	
<u>Y</u>		GetY	

Action Summary

Action	Description
DoChangeFocus	
DoClick	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

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Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

ld

Accessors: GetId

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

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TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description

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localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
<u>Width</u>	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
DoLButtonDown	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
DoRButtonDown	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.

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<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object.
Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

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Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
X	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexSlider

Behavior Pattern: FlexSliderBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
ClassName		GetClassName	
<u>CurrentState</u>		GetCurrentState	
<u>DataTipPrecision</u>		GetDataTipPrecision	
<u>Direction</u>		GetDirection	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
<u>FillColors</u>		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>Height</u>		GetHeight	
<u>ld</u>		GetId	
<u>Labels</u>		GetLabels	
<u>LabelStyleName</u>		GetLabelStyleName	
LiveDragging		GetLiveDragging	
<u>Maximum</u>		GetMaximum	
Minimum		GetMinimum	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
PercentHeight		GetPercentHeight	
PercentWidth		GetPercentWidth	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
SnapInterval		GetSnapInterval	
TabChildren		GetTabChildren	
TabEnabled		GetTabEnabled	
TabIndex		GetTabIndex	
ThemeColor		GetThemeColor	
ThumbCount		GetThumbCount	
TickColor		GetTickColor	
TickLength		GetTickLength	
<u>TickThickness</u>		GetTickThickness	
ToolTip		GetToolTip	
ToolTipShow		GetToolTipShow	
TrackColors		GetTrackColors	
UseHandCursor		GetUseHandCursor	
<u>Value</u>		GetValue	
Values		GetValues	
Visible		GetVisible	
Width		GetWidth	
<u>X</u>		GetX	
<u>Y</u>		GetY	
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Action Summary

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Action	Description
<u>DoChange</u>	
<u>DoChangeFocus</u>	
DoClick	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

DataTipPrecision

Accessors: GetDataTipPrecision

Direction

Accessors: GetDirection

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

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ld

Accessors: GetId

Labels

Accessors: GetLabels

LabelStyleName

Accessors: GetLabelStyleName

LiveDragging

Accessors: GetLiveDragging

Maximum

Accessors: GetMaximum

Minimum

Accessors: GetMinimum

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

Snaplnterval

Accessors: GetSnapInterval

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ThumbCount

Accessors: GetThumbCount

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TickColor

Accessors: GetTickColor

TickLength

Accessors: GetTickLength

TickThickness

Accessors: GetTickThickness

ToolTip

Accessors: GetToolTip

ToolTipShow

Accessors: GetToolTipShow

TrackColors

Accessors: GetTrackColors

UseHandCursor

Accessors: GetUseHandCursor

Value

Accessors: GetValue

Values

Accessors: GetValues

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChange(value, thumbIndex, clickTarget, triggerEvent, keyCode)

Parameters:

Name	Type	Description
value	Number	
thumbIndex	Number	Optional, Default: 0.
clickTarget	String	Optional, Default: thumb.
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard
		Optional, Default: 1.

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keyCode	String	
		Optional.

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
State	State of the object.	GetState	

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<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

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WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

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DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description

x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexTabNavigator

Top Previous Next

FlexTabNavigator

Behavior Pattern: FlexTabNavigatorBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColor	
BackgroundImage		GetBackgroundImage	
<u>BackgroundSize</u>		GetBackgroundSize	
<u>ClassName</u>		GetClassName	
CreationIndex		GetCreationIndex	
<u>CreationPolicy</u>		GetCreationPolicy	
<u>CurrentState</u>		GetCurrentState	
<u>Enabled</u>		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
FillAlphas		GetFillAlphas	
FillColors		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>FontFamily</u>		GetFontFamily	
FontSize		GetFontSize	
FontStyle		GetFontStyle	
<u>FontWeight</u>		GetFontWeight	

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<u>Height</u>	GetHeight
<u>HorizontalAlign</u>	GetHorizontalAlign
<u>HorizontalGap</u>	GetHorizontalGap
<u>ld</u>	Getld
Label	GetLabel
<u>MouseEnabled</u>	GetMouseEnabled
NumAutomationChildren	GetNumAutomationChildren
NumChildren	GetNumChildren
PercentHeight	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
ScaleX	GetScaleX
ScaleY	GetScaleY
SelectedChild	GetSelectedChild
SelectedIndex	GetSelectedIndex
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
TabHeight	GetTabHeight
TabIndex	GetTabIndex
<u>TabWidth</u>	GetTabWidth
ThemeColor	GetThemeColor
ToolTip	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
Visible	GetVisible
Width	GetWidth
X	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChange</u>	
<u>DoChangeFocus</u>	
<u>DoClick</u>	
DoDragCancel	
DoDragDrop	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
DoScroll	
DoType	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

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BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

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FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

HorizontalAlign

Accessors: GetHorizontalAlign

HorizontalGap

Accessors: GetHorizontalGap

ld

Accessors: GetId

Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SelectedChild

Accessors: GetSelectedChild

SelectedIndex

Accessors: GetSelectedIndex

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

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TabHeight

Accessors: GetTabHeight

TabIndex

Accessors: GetTabIndex

TabWidth

Accessors: GetTabWidth

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChange(relatedObject)

Parameters:

Name	Туре	Description
relatedObject	String	

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift

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4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Type	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

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DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	Optional, Default: 0.
		Optional, Delault. 0.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description

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keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

BitmapUI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white). Accessors: GetBWBitmap

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Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

Χ

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

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Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
У	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border

ocation relative to object's top border	number	y
---	--------	---

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexTextArea

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FlexTextArea

Behavior Pattern: FlexTextAreaBehavior

Property Summary

Property	Description	Getter	Setter

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AutomationIclaseName	Alpha	GetAlpha
Automationstates Automationstates Automationstates GelAutomationstanes GelColor GelColor GelColor GelColor GelColor GelColor GelColor GelColor GelColor GelDisabledColor DisplayAsPassword GelDisabledColor GelDisabledColor GelDisabledColor GelDisabledColor GelDisabledColor GelDisabledColor GelDisabledColor GelEmotColor GelTenotColor GelTenotColor GelTenotColor GelTenotColor GelFontStyle GelFont		
AutomationName Class Name Close Name Color GetClore GetColor CurrentState GetColor GetColor CurrentState GetColor GetDisabledColor DisplayAsPassword GetDisplayAsPassword GetEnabled GetEntabled GetEnabled GetFloxY		
Cacida		GetAutomationName
Color		
Disable/Color Disable/Color GelDisable/Color GelDisable Ge		GetColor
DisabledColor		
DisplayAsPassword		
Editable		
GelEnabled GelFlexX GelFlexX GelFlexX GelFlexX GelFlexX GelFlexX GelFlexX GelFlexX GelFloxShabled GelFootsEnabled GelFootsEnabled GelFootsTamily GelFontFamily GelFontFamily GelFontSize GelHeight GelHeight GelHeight GelHorzontalScrollPolicy GelHeight GelHorzontalScrollPolicy GelTontScrollPolicy GelTontScro		
ErrorColor GelErrorColor		GetEnabled
ErrorString		
Flex		
FlexY		
FocusEnabled GetFocusEnabled GetFocusEnabled GetFortSamily GetFortSamily GetFortSize GetHight HorizontalScrollPolicy HimText GetHeight GetFortZontalScrollPolicy HimText GetHimText GetHimText GetId		
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Length GetLength MaxChars GetMaxChars MouseEnabled GetMouseEnabled NumAutomationChildren GetNumAutomationChildren PercentHeight GetPercentHeight PercentWidth GetPercentWidth Restrict GetRestrict ScaleX GetScaleX ScaleY GetScaleY Selection GetScaleY Selection GetSelection TabChildren GetTabChildren TabEnabled GetTabChildren TabInabled GetTabIndex Text GetTabIndex Text GetText ThemeColor GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWordWrap X GetX		
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PercentWidth GetPercentWidth Restrict GetRestrict ScaleX GetScaleX ScaleY GetScaleY Selection GetSelection TabChildren GetTabChildren TabEnabled GetTabEnabled TabIndex GetTabIndex Text GetText ThemeColor GetTnemeColor ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth WordWrap GetWordWrap X GetX		
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ScaleX GetScaleX ScaleY GetScaleY Selection GetSelection TabChildren GetTabChildren TabEnabled GetTabEnabled TabIndex GetTabEnabled Text GetText ThemeColor GetThemeColor ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth WordWrap GetWordWrap X GetX		
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Selection GetSelection TabChildren GetTabChildren TabEnabled GetTabEnabled TabIndex GetTabIndex Text GetText ThemeColor GetThemeColor ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth WordWrap GetWordWrap X GetX		
TabChildren GetTabChildren TabEnabled GetTabEnabled TabIndex GetTabIndex Text GetText ThemeColor GetThemeColor ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth WordWrap GetWordWrap X GetX		GetSelection
TabEnabled GetTabEnabled TabIndex GetTabIndex Text GetText ThemeColor GetThemeColor ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth WordWrap GetWordWrap X GetX		
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Text GetText ThemeColor GetThemeColor ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth WordWrap GetWordWrap X GetX		GetTabIndex
ThemeColor GetThemeColor ToolTip GetToolTip UseHandCursor GetUseHandCursor Visible GetVisible Width GetWidth WordWrap GetWordWrap X GetX		
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Width GetWidth WordWrap GetWordWrap X GetX		
WordWrap GetWordWrap X GetX		
<u>X</u> GetX		
	-	
	<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
DoInput	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
DoScroll	
DoSelectText	
DoType	

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Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

Color

Accessors: GetColor

CurrentState

Accessors: GetCurrentState

DisabledColor

Accessors: GetDisabledColor

DisplayAsPassword

Accessors: GetDisplayAsPassword

Editable

Accessors: GetEditable

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

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Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

HorizontalScrollPolicy

Accessors: GetHorizontalScrollPolicy

HtmlText

Accessors: GetHtmlText

ld

Accessors: GetId

Length

Accessors: GetLength

MaxChars

Accessors: GetMaxChars

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

Restrict

Accessors: GetRestrict

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

Selection

Accessors: GetSelection

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

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TabIndex

Accessors: GetTabIndex

Text

Accessors: GetText

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

WordWrap

Accessors: GetWordWrap

Χ

Accessors: GetX

Y

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

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DoInput(text)

Parameters:

Name	Туре	Description
text	String	

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	
		Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition

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	14 flexThumbTrack
	Optional, Default: null.

DoSelectText(beginIndex, endIndex)

Parameters:

Name	Туре	Description
beginIndex	Number	
endIndex	Number	

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
State	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.

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<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

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Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp(

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

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Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexTitleWindow Top Previous Next

FlexTitleWindow

Behavior Pattern: FlexTitleWindowBehavior

Property Summary

Property	Description	Getter Setter	
<u>Alpha</u>		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColor	
BackgroundImage		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
ClassName		GetClassName	
CreationIndex		GetCreationIndex	
CreationPolicy		GetCreationPolicy	
CurrentState		GetCurrentState	
<u>DropShadowEnabled</u>		GetDropShadowEnabled	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FillAlphas		GetFillAlphas	
FillColors		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>FontFamily</u>		GetFontFamily	
FontSize		GetFontSize	
FontStyle		GetFontStyle	
FontWeight		GetFontWeight	
FooterColors		GetFooterColors	
<u>HeaderColors</u>		GetHeaderColors	
HeaderHeight		GetHeaderHeight	
Height		GetHeight	
<u>Id</u>		GetId	
<u>Label</u>		GetLabel	
<u>MouseEnabled</u>		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
NumChildren		GetNumChildren	
PercentHeight		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
<u>ShowCloseButton</u>		GetShowCloseButton	
Status		GetStatus	
<u>TabChildren</u>		GetTabChildren	

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TabEnabled	GetTabEnabled
TabIndex	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>Title</u>	GetTitle
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
Visible	GetVisible
Width	GetWidth
<u>×</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
DoDragCancel	
<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
DoScroll	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

 ${\bf Background Disabled Color}$

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

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Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

DropShadowEnabled

Accessors: GetDropShadowEnabled

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

FooterColors

Accessors: GetFooterColors

HeaderColors

Accessors: GetHeaderColors

HeaderHeight

Accessors: GetHeaderHeight

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Height

Accessors: GetHeight

ld

Accessors: GetId

Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

ShowCloseButton

Accessors: GetShowCloseButton

Status

Accessors: GetStatus

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

Title

Accessors: GetTitle

ToolTip

Accessors: GetToolTip

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UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues flexControl flexShift flexAlt flexControlShift flexControlAlt flexShiftAlt flexControlShiftAlt
		Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

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DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Type	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

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Name	Туре	Description
delta	Number	
		Optional, Default: 0.

DoScroll(position, direction, detail)

Parameters:

Number	
Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack Optional, Default: null.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
State	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.

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DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

 $SeSM at cher Rule\ type\ for\ this\ object.$

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

Χ

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

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Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly

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before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

${\bf FlexToggle Button Bar}$

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 ${\sf FlexToggleButtonBar}$

Behavior Pattern: FlexToggleButtonBarBehavior

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
AutomationClassName		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
AutomationName		GetAutomationName	
BackgroundAlpha		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColor	
BackgroundImage		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
ClassName		GetClassName	
CreationIndex		GetCreationIndex	
CreationPolicy		GetCreationPolicy	
CurrentState		GetCurrentState	
Direction		GetDirection	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FillAlphas		GetFillAlphas	
FillColors		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>FontFamily</u>		GetFontFamily	
FontSize		GetFontSize	
<u>FontStyle</u>		GetFontStyle	
<u>FontWeight</u>		GetFontWeight	
<u>Height</u>		GetHeight	
<u>HorizontalAlign</u>		GetHorizontalAlign	
<u>ld</u>		Getld	
Label		GetLabel	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
NumChildren		GetNumChildren	
PercentHeight		GetPercentHeight	
<u>PercentWidth</u>		GetPercentWidth	
<u>ScaleX</u>		GetScaleX	
ScaleY		GetScaleY	
SelectedIndex		GetSelectedIndex	
<u>TabChildren</u>		GetTabChildren	
<u>TabEnabled</u>		GetTabEnabled	
TabIndex		GetTabIndex	

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ThemeColor	GetThemeColor
ToolTip	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>VerticalAlign</u>	GetVerticalAlign
<u>Visible</u>	GetVisible
Width	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChange</u>	
<u>DoChangeFocus</u>	
DoClick	
DoDragCancel	
<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
<u>DoScroll</u>	
<u>DoType</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

 ${\bf Background Disabled Color}$

Accessors: GetBackgroundDisabledColor

BackgroundImage

Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

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Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Direction

Accessors: GetDirection

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

Accessors: GetHeight

HorizontalAlign

Accessors: GetHorizontalAlign

ld

Accessors: GetId

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Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SelectedIndex

Accessors: GetSelectedIndex

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

VerticalAlign

Accessors: GetVerticalAlign

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

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X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChange(relatedObject)

Parameters:

Name	Туре	Description
relatedObject	String	

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

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Parameters:

Name	Туре	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	Optional, Default: 0.

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DoScroll(position, direction, detail)

Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues flexScrollHorizontal flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack
		Optional, Default: null.

DoType(keyCode, keyModifier)

Parameters:

Name	Type	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
<u>BWBitmap</u>	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	

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WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
Y	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

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X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
v	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
У	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

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Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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FlexTree

Behavior Pattern: FlexTreeBehavior

Property Summary

Property	Description	Getter	Setter
AllowMultipleSelection		GetAllowMultipleSelection	
Alpha		GetAlpha	
AlternatingRowColors		GetAlternatingRowColors	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
BackgroundDisabledColor		GetBackgroundDisabledColor	
ClassName		GetClassName	
ColumnCount		GetColumnCount	
ColumnWidth		GetColumnWidth	
CurrentState		GetCurrentState	
DataTipField		GetDataTipField	
<u>DepthColors</u>		GetDepthColors	
<u>Editable</u>		GetEditable	
Enabled		GetEnabled	
ErrorColor		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
<u>FocusAlpha</u>		GetFocusAlpha	
FocusEnabled		GetFocusEnabled	
<u>Height</u>		GetHeight	
IconField		GetIconField	
<u>Id</u>		Getld	
Indentation		GetIndentation	
LabelField		GetLabelField	
<u>LockedColumnCount</u>		GetLockedColumnCount	

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<u>LockedRowCount</u>	GetLockedRowCount
<u>MouseEnabled</u>	GetMouseEnabled
NumAutomationChildren	GetNumAutomationChildren
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
RollOverColor	GetRollOverColor
RowCount	GetRowCount
RowHeight	GetRowHeight
<u>ScaleX</u>	GetScaleX
<u>ScaleY</u>	GetScaleY
<u>Selectable</u>	GetSelectable
SelectedIndex	GetSelectedIndex
SelectedIndices	GetSelectedIndices
SelectedItem	GetSelectedItem
SelectedItems	GetSelectedItems
SelectionColor	GetSelectionColor
SelectionDisabledColor	GetSelectionDisabledColor
<u>ShowDataTips</u>	GetShowDataTips
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
<u>TabIndex</u>	GetTabIndex
<u>TextDisabledColor</u>	GetTextDisabledColor
<u>TextRollOverColor</u>	GetTextRollOverColor
<u>TextSelectedColor</u>	GetTextSelectedColor
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>UseRollOver</u>	GetUseRollOver
<u>VariableRowHeight</u>	GetVariableRowHeight
<u>VerticalAlign</u>	GetVerticalAlign
<u>Visible</u>	GetVisible
<u>Width</u>	GetWidth
<u>WordWrap</u>	GetWordWrap
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoClose</u>	
<u>DoDeselect</u>	
<u>DoDoubleClick</u>	
<u>DoDragCancel</u>	
<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
<u>DoMultiSelect</u>	
<u>DoOpen</u>	
DoScroll	
<u>DoSelect</u>	
<u>DoType</u>	

Property Detail

AllowMultipleSelection

Accessors: GetAllowMultipleSelection

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Alpha

Accessors: GetAlpha

AlternatingRowColors

Accessors: GetAlternatingRowColors

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

ClassName

Accessors: GetClassName

ColumnCount

Accessors: GetColumnCount

ColumnWidth

Accessors: GetColumnWidth

CurrentState

Accessors: GetCurrentState

DataTipField

Accessors: GetDataTipField

DepthColors

Accessors: GetDepthColors

Editable

Accessors: GetEditable

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

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FocusAlpha

Accessors: GetFocusAlpha

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

IconField

Accessors: GetIconField

ld

Accessors: GetId

Indentation

Accessors: GetIndentation

LabelField

Accessors: GetLabelField

LockedColumnCount

Accessors: GetLockedColumnCount

LockedRowCount

Accessors: GetLockedRowCount

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

RollOverColor

Accessors: GetRollOverColor

RowCount

Accessors: GetRowCount

RowHeight

Accessors: GetRowHeight

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

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Selectable

Accessors: GetSelectable

SelectedIndex

Accessors: GetSelectedIndex

SelectedIndices

Accessors: GetSelectedIndices

SelectedItem

Accessors: GetSelectedItem

SelectedItems

Accessors: GetSelectedItems

SelectionColor

Accessors: GetSelectionColor

SelectionDisabledColor

Accessors: GetSelectionDisabledColor

ShowDataTips

Accessors: GetShowDataTips

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

Tablndex

Accessors: GetTabIndex

TextDisabledColor

Accessors: GetTextDisabledColor

TextRollOverColor

Accessors: GetTextRollOverColor

TextSelectedColor

Accessors: GetTextSelectedColor

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

UseRollOver

Accessors: GetUseRollOver

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VariableRowHeight

Accessors: GetVariableRowHeight

VerticalAlign

Accessors: GetVerticalAlign

Visible

Accessors: GetVisible

Width

Accessors: GetWidth

WordWrap

Accessors: GetWordWrap

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoClose(itemRenderer, triggerEvent)

Parameters:

Name	Туре	Description
itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse

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	2 flexKeyboard
	Optional, Default: 1.

DoDeselect(itemRenderer, triggerEvent, keyModifier)

Parameters:

Name	Туре	Description
itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDoubleClick(itemRenderer)

Parameters:

Name	Туре	Description
itemRenderer	String	

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Туре	Description
action	String	
draggedItem	String	Optional.
keyModifier	Number	

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FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
Optional, Default: 0.

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Туре	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	Optional, Default: 0.

DoMultiSelect(itemRenderer, triggerEvent, keyModifier)

Parameters:

Name	Туре	Description	

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itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt

DoOpen(itemRenderer, triggerEvent)

Parameters:

Name	Туре	Description
itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.

DoScroll(position, direction, detail)

Parameters:

Туре	Description
Number	
Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack
	Number Number

DoSelect(itemRenderer, triggerEvent, keyModifier)

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Parameters:

Name	Туре	Description
itemRenderer	String	
triggerEvent	Number	FlexTriggerEventValues 1 flexMouse 2 flexKeyboard Optional, Default: 1.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoType(keyCode, keyModifier)

Parameters:

Name	Type	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
<u>Bitmap</u>	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
<u>State</u>	State of the object.	GetState	
<u>Value</u>	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description

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<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
DoClick	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
DoMButtonUp Performs middle mouse button up.	
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u> Performs a middle double click at the center of an object or at the spe	
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
DoRDClick	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object. Accessors: GetObjectType

State

State of the object. Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

Y

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

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Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	Offset number X offset to click within object. Default is a center. Optional.	
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

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'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

FlexVideoDisplay

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FlexVideoDisplay

Behavior Pattern: FlexVideoDisplayBehavior

Property Summary

Property	Description	Getter	Setter
<u>Alpha</u>		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
ClassName		GetClassName	
<u>CurrentState</u>		GetCurrentState	
Enabled		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
Height		GetHeight	
<u>Id</u>		Getld	
MouseEnabled		GetMouseEnabled	
NumAutomationChildren		GetNumAutomationChildren	
<u>PercentHeight</u>		GetPercentHeight	
PercentWidth		GetPercentWidth	
ScaleX		GetScaleX	
ScaleY		GetScaleY	
Source		GetSource	
<u>TabChildren</u>		GetTabChildren	
<u>TabEnabled</u>		GetTabEnabled	
TabIndex		GetTabIndex	
ThemeColor		GetThemeColor	
ToolTip		GetToolTip	
<u>TotalTime</u>		GetTotalTime	
<u>UseHandCursor</u>		GetUseHandCursor	
Visible		GetVisible	
Volume		GetVolume	
Width		GetWidth	
X		GetX	
Y		GetY	

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Action Summary

Action	Description
<u>DoChangeFocus</u>	
DoClick	
<u>DoMouseMove</u>	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

ClassName

Accessors: GetClassName

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

Height

Accessors: GetHeight

ld

Accessors: GetId

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

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Accessors: GetNumAutomationChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

Source

Accessors: GetSource

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

TotalTime

Accessors: GetTotalTime

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

Volume

Accessors: GetVolume

Width

Accessors: GetWidth

X

Accessors: GetX

v

Accessors: GetY

Action Detail

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DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Number Number	Optional, Default: 0.
Number	
	Optional, Default: 0.
Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.
•	

Behavior Pattern: Win32Generic

Property Summary

Bitmap UI Image of the object. BWBitmap UI Image of the object in 1-bit format (black&white). Class Class of the object. Height Height of the object. Name Name Name of the object. ObjectType SeSMatcherRule type for this object. State GetBWBitmap GetClass GetClass GetHeight GetName GetName GetObjectType SeSMatcherRule type for this object. GetObjectType State	Property	Description	Getter	Setter
Class Class of the object. GetClass Height Height of the object. GetHeight Name Name of the object. GetName ObjectType SeSMatcherRule type for this object. GetObjectType	<u>Bitmap</u>	UI Image of the object.	GetBitmap	
Height Height of the object. GetHeight Name Name of the object. GetName ObjectType SeSMatcherRule type for this object. GetObjectType	BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Name Name of the object. GetName ObjectType SeSMatcherRule type for this object. GetObjectType	Class	Class of the object.	GetClass	
ObjectType SeSMatcherRule type for this object. GetObjectType	<u>Height</u>	Height of the object.	GetHeight	
	Name	Name of the object.	GetName	
State State of the object. GetState	<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
	<u>State</u>	State of the object.	GetState	
Value Value of the object. GetValue SetValue	<u>Value</u>	Value of the object.	GetValue	SetValue
Width of the object. GetWidth	Width	Width of the object.	GetWidth	

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WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
<u>DoLClick</u>	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

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X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
V	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
٧	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
У	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

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Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F") - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

keys string A sequence of keystrokes.	Name	туре	Description
	keys	string	A sequence of keystrokes.

FlexViewStack Top Previous Next

FlexViewStack

Behavior Pattern: FlexViewStackBehavior

Property Summary

Property	Description	Getter	Setter
Alpha		GetAlpha	
<u>AutomationClassName</u>		GetAutomationClassName	
AutomationIndex		GetAutomationIndex	
<u>AutomationName</u>		GetAutomationName	
<u>BackgroundAlpha</u>		GetBackgroundAlpha	
BackgroundColor		GetBackgroundColor	
BackgroundDisabledColor		GetBackgroundDisabledColor	
BackgroundImage		GetBackgroundImage	
BackgroundSize		GetBackgroundSize	
ClassName		GetClassName	
CreationIndex		GetCreationIndex	
CreationPolicy		GetCreationPolicy	
CurrentState		GetCurrentState	
Enabled		GetEnabled	
<u>ErrorColor</u>		GetErrorColor	
ErrorString		GetErrorString	
FillAlphas		GetFillAlphas	
<u>FillColors</u>		GetFillColors	
FlexX		GetFlexX	
FlexY		GetFlexY	
FocusEnabled		GetFocusEnabled	
<u>FontFamily</u>		GetFontFamily	
<u>FontSize</u>		GetFontSize	
<u>FontStyle</u>		GetFontStyle	
<u>FontWeight</u>		GetFontWeight	
<u>Height</u>		GetHeight	
<u>Id</u>		Getld	

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<u>Label</u>	GetLabel
<u>MouseEnabled</u>	GetMouseEnabled
<u>NumAutomationChildren</u>	GetNumAutomationChildren
<u>NumChildren</u>	GetNumChildren
<u>PercentHeight</u>	GetPercentHeight
<u>PercentWidth</u>	GetPercentWidth
<u>ScaleX</u>	GetScaleX
<u>ScaleY</u>	GetScaleY
SelectedChild	GetSelectedChild
SelectedIndex	GetSelectedIndex
<u>TabChildren</u>	GetTabChildren
<u>TabEnabled</u>	GetTabEnabled
Tablndex	GetTabIndex
<u>ThemeColor</u>	GetThemeColor
<u>ToolTip</u>	GetToolTip
<u>UseHandCursor</u>	GetUseHandCursor
<u>Visible</u>	GetVisible
<u>Width</u>	GetWidth
<u>X</u>	GetX
<u>Y</u>	GetY

Action Summary

Action	Description
<u>DoChangeFocus</u>	
<u>DoClick</u>	
<u>DoDragCancel</u>	
<u>DoDragDrop</u>	
<u>DoDragStart</u>	
<u>DoMouseMove</u>	
<u>DoMouseScroll</u>	
<u>DoScroll</u>	
DoType	

Property Detail

Alpha

Accessors: GetAlpha

AutomationClassName

Accessors: GetAutomationClassName

AutomationIndex

Accessors: GetAutomationIndex

AutomationName

Accessors: GetAutomationName

BackgroundAlpha

Accessors: GetBackgroundAlpha

BackgroundColor

Accessors: GetBackgroundColor

BackgroundDisabledColor

Accessors: GetBackgroundDisabledColor

BackgroundImage

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Accessors: GetBackgroundImage

BackgroundSize

Accessors: GetBackgroundSize

ClassName

Accessors: GetClassName

CreationIndex

Accessors: GetCreationIndex

CreationPolicy

Accessors: GetCreationPolicy

CurrentState

Accessors: GetCurrentState

Enabled

Accessors: GetEnabled

ErrorColor

Accessors: GetErrorColor

ErrorString

Accessors: GetErrorString

FillAlphas

Accessors: GetFillAlphas

FillColors

Accessors: GetFillColors

FlexX

Accessors: GetFlexX

FlexY

Accessors: GetFlexY

FocusEnabled

Accessors: GetFocusEnabled

FontFamily

Accessors: GetFontFamily

FontSize

Accessors: GetFontSize

FontStyle

Accessors: GetFontStyle

FontWeight

Accessors: GetFontWeight

Height

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Accessors: GetHeight

ld

Accessors: GetId

Label

Accessors: GetLabel

MouseEnabled

Accessors: GetMouseEnabled

NumAutomationChildren

Accessors: GetNumAutomationChildren

NumChildren

Accessors: GetNumChildren

PercentHeight

Accessors: GetPercentHeight

PercentWidth

Accessors: GetPercentWidth

ScaleX

Accessors: GetScaleX

ScaleY

Accessors: GetScaleY

SelectedChild

Accessors: GetSelectedChild

SelectedIndex

Accessors: GetSelectedIndex

TabChildren

Accessors: GetTabChildren

TabEnabled

Accessors: GetTabEnabled

TabIndex

Accessors: GetTabIndex

ThemeColor

Accessors: GetThemeColor

ToolTip

Accessors: GetToolTip

UseHandCursor

Accessors: GetUseHandCursor

Visible

Accessors: GetVisible

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Width

Accessors: GetWidth

X

Accessors: GetX

Υ

Accessors: GetY

Action Detail

DoChangeFocus(shiftKey, keyCode)

Parameters:

Name	Туре	Description
shiftKey	Boolean	Optional, Default: false.
keyCode	String	Optional, Default: TAB.

DoClick(keyModifier)

Parameters:

Name	Type	Description
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoDragCancel(keyModifier)

Parameters:

Name	Туре	Description
keyModifier	Number	FlexKeyModifierValues flexControl flexShift flexAlt flexControlShift flexControlAlt flexControlShiftAlt
		Optional, Default: 0.

DoDragDrop(action, draggedItem, keyModifier)

Parameters:

Name	Туре	Description

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action	String	
draggedItem	String	Optional.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoDragStart(draggedItem, keyModifier)

Parameters:

Name	Туре	Description
draggedItem	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

DoMouseMove(localX, localY, keyModifier)

Parameters:

Name	Type	Description
localX	Number	Optional, Default: 0.
localY	Number	Optional, Default: 0.
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt Optional, Default: 0.

DoMouseScroll(delta)

Parameters:

Name	Туре	Description
delta	Number	
		Optional, Default: 0.

DoScroll(position, direction, detail)

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Parameters:

Name	Туре	Description
position	Number	
direction	Number	FlexScrollDirectionValues 1 flexScrollHorizontal 2 flexScrollVertical
detail	Number	FlexScrollDetailValues 1 flexAtBottom 2 flexAtLeft 3 flexAtRight 4 flexAtTop 5 flexLineDown 6 flexLineLeft 7 flexLineRight 8 flexLineUp 9 flexPageDown 10 flexPageLeft 11 flexPageRight 12 flexPageUp 13 flexThumbPosition 14 flexThumbTrack
		Optional, Default: null.

DoType(keyCode, keyModifier)

Parameters:

Name	Туре	Description
keyCode	String	
keyModifier	Number	FlexKeyModifierValues 1 flexControl 2 flexShift 4 flexAlt 3 flexControlShift 5 flexControlAlt 6 flexShiftAlt 7 flexControlShiftAlt
		Optional, Default: 0.

Behavior Pattern: Win32Generic

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
Height	Height of the object.	GetHeight	
<u>Name</u>	Name of the object.	GetName	
<u>ObjectType</u>	SeSMatcherRule type for this object.	GetObjectType	
State	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	

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GetY

Action Summary

Action	Description
DoAction	Performs default action for an object.
<u>DoAnalogPlay</u>	Plays analog recording using coordinates relative to this object.
<u>DoClick</u>	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
<u>DoLButtonDown</u>	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
DoLDClick	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
DoMClick	Performs a middle click at the center of an object or at the specified location.
<u>DoMDClick</u>	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
<u>DoRButtonDown</u>	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
DoRClick	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

 ${\tt Accessors: GetWindowText, SetWindowText}$

X

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X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner. Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

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'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
y	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys("^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

DXButtonEdit Top Previous Next

DevXpress ButtonEdit. Extends ManagedObject.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

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DevXpress CalcEdit. Extends ManagedObject.

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Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DXCheckButton Top Previous Next

 ${\sf DevXpress\ CheckButton.\ Extends\ \underline{ManagedObject}}.$

Behavior Pattern: DXCheckButtonBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Action Summary

Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise. Accessors: GetChecked, SetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

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Returns:

'true' if success, 'false' otherwise.

DXCheckedComboBoxEdit

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 ${\tt DevXpress\ CheckedComboBoxEdit.\ Extends\ \underline{ManagedObject}}.$

Behavior Pattern: DXCheckedComboBoxEditBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DXCheckEdit Top Previous Next

DevXpress CheckEdit. Extends ManagedObject.

Behavior Pattern: DXCheckButtonBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Action Summary

Action	Description
DoSetCheck	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise. Accessors: GetChecked, SetChecked

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Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

DXCheckedListBoxControl

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 $DevXpress\ CheckedListBoxControl.\ Extends\ \underline{ManagedObject}.$

Behavior Pattern: DXCheckedListBoxControlBehavior

Property Summary

Property	Description	Getter	Setter
CheckedCount	Returns number of checked items in ListView.	GetCheckedCount	
CheckedIndices	Array of indices of checked elements.	GetCheckedIndices	
CheckedItems	Array of item names of checked elements.	GetCheckedItems	
<u>ItemCount</u>	Number of items.	GetItemCount	
<u>ItemIndexByName</u>	Returns item index by its name.	GetItemIndexByName	
<u>ItemNameByIndex</u>	Returns item name by its index.	GetItemNameByIndex	
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
<u>SelectedIndices</u>	Returns string of indexes delimited by separator or array of indexes of selected elements.	GetSelectedIndices	
SelectedItems	Text of all the selected items in a single string.	GetSelectedItems	
SelectedText	Text of the selected item in a single string.	GetSelectedText	
<u>SelectionCount</u>	Number of selected items.	GetSelectionCount	

Action Summary

Action	Description
<u>DoAddSelection</u>	Extends selection.
DoCheckItem	Checks items of this object.
<u>DoClearSelection</u>	Clears selection.
<u>DoRemoveSelection</u>	Removes selection from specified items.
<u>DoSelectItem</u>	Selects items of this object.
<u>DoSetCheck</u>	Sets 'checked' state of the specified node.

Property Detail

CheckedCount

Returns number of checked items in ListView.

Accessors: GetCheckedCount

CheckedIndices

Array of indices of checked elements. Accessors: GetCheckedIndices

CheckedItems

Array of item names of checked elements.

Accessors: GetCheckedItems

ItemCount

Number of items.

Accessors: GetItemCount

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ItemIndexByName

Returns item index by its name. 'false' if name is not found.

Accessors: GetItemIndexByName

ItemNameByIndex

Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

SelectedIndices

Returns string of indexes delimited by separator or array of indexes of selected elements.

Accessors: GetSelectedIndices

SelectedItems

Text of all the selected items in a single string. Items are divided by ';' separator.

Accessors: GetSelectedItems

SelectedText

Text of the selected item in a single string.

Accessors: GetSelectedText

SelectionCount

Number of selected items. Accessors: GetSelectionCount

Action Detail

DoAddSelection(items, separator, itemsType)

Extends selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoCheckItem(items, separator, itemsType)

Checks items of this object.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

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'true' if success, 'false' otherwise.

DoClearSelection()

Clears selection.

Returns:

'true' if success, 'false' otherwise.

DoRemoveSelection(items, separator, itemsType)

Removes selection from specified items.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoSelectItem(items, separator, itemsType)

Selects items of this object. First it clears existing selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoSetCheck(bcheck, items, separator, itemsType)

Sets 'checked' state of the specified node.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined.

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Optional.

Returns:

'true' if success, 'false' otherwise.

DXColorEdit Top Previous Next

DevXpress ColorEdit. Extends ManagedObject.

Behavior Pattern: DXColorEditBehavior

Property Summary

Property	Description	Getter	Setter
SelectedColor	Selected color of the object	GetSelectedColor	SetSelectedColor
SelectedText	Text of the selected item in a single string.	GetSelectedText	SetSelectedText
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSelectColor</u>	Selects a color.
<u>DoSetText</u>	Sets text value of this object.

Property Detail

SelectedColor

Selected color of the object

Accessors: GetSelectedColor, SetSelectedColor

SelectedText

Text of the selected item in a single string. Accessors: GetSelectedText, SetSelectedText

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSelectColor(val)

Selects a color.

Parameters:

Name	Туре	Description
val	struct	structure with three fields '{R, G, B}'.

Returns:

'true' if successfule, 'false' otherwise

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

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DXComboBoxEdit Top Previous Next

DevXpress ComboBoxEdit. Extends ManagedObject.

Behavior Pattern: DXComboBoxEditBehavior

Property Summary

Property	Description	Getter	Setter
<u>ItemNameByIndex</u>	Returns item name by its index. GetItemNameByInde		
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
<u>SelectedText</u>	Text of the selected item in a single string.	GetSelectedText	SetSelectedText
<u>Text</u>	Text of the selected item in a single string.	GetText	SetText

Action Summary

Action	Description
<u>DoSelectItem</u>	Selects an item of this object.
DoSetText	Sets text value of this object.

Property Detail

ItemNameByIndex

Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndex

Index of the selected element of the object.

Accessors: GetSelectedIndex, SetSelectedIndex

SelectedText

Text of the selected item in a single string. Accessors: GetSelectedText, SetSelectedText

Text

Text of the selected item in a single string.

Accessors: GetText, SetText

Action Detail

DoSelectItem(item)

Selects an item of this object.

Parameters:

Name	Туре	Description
item	string number	Item index or text value to select.

Returns:

'true' if success, 'false' otherwise.

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

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DevXpress DateEdit. Extends ManagedObject.

Behavior Pattern: DXDateEditBehavior

Property Summary

Property	Description	Getter	Setter
Month	Current month displayed by the date picker.	GetMonth	

Action Summary

Action	Description
<u>DoNextMonth</u>	Clicks on 'Next Month' selector.
<u>DoPrevMonth</u>	Clicks on 'Previous Month' selector.
<u>DoSelectDate</u>	Selects specific date in the date picker.

Property Detail

Month

Current month displayed by the date picker.

Accessors: GetMonth

Action Detail

DoNextMonth()

Clicks on 'Next Month' selector.

Returns:

'true' if success, 'false' otherwise

DoPrevMonth()

Clicks on 'Previous Month' selector.

Returns:

'true' if success, 'false' otherwise

DoSelectDate(day, month, year)

Selects specific date in the date picker.

Parameters:

Name	Туре	Description
day	number	Day to set
month	number	Month to set
year	number	Year to set

Returns:

'true' if success, 'false' otherwise

DXDockedBarControl

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DevXpress Docked Bar. Extends ManagedObject.

Behavior Pattern: DXBarControlBehavior

Property Summary

Property Description		Getter	Setter
<u>Item</u>	Caption of the item specified by index	GetItem	
ItemCount	Number of items	GetItemCount	

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Action Summary

Action	Description
<u>DoClickItem</u>	Performs Click on the navigation item

Property Detail

ltem

Caption of the item specified by index

Accessors: GetItem

ItemCount

Number of items.

Accessors: GetItemCount

Action Detail

DoClickItem(nameCaptionIndex, xOffset, yOffset)

Performs Click on the navigation item

Parameters:

Name	Туре	Description
nameCaptionIndex	string number	index, name or caption of the item to be selected.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if successful, 'false' otherwise.

DXDropDownButton

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 $DevXpress\ DropDownButton.\ Extends\ \underline{ManagedObject}.$

Behavior Pattern: DXDropDownButtonBehavior

Action Summary

Action	Description
<u>DoShowPopup</u>	Show popup

Action Detail

DoShowPopup()

Show popup

DXFontEdit Top Previous Next

DevXpress FontEdit. Extends ManagedObject.

Behavior Pattern: DXFontEditBehavior

Property Summary

Property	Description	Getter	Setter
SelectedText	Text of the selected item in a single string.	GetSelectedText	SetSelectedText
<u>Text</u>	Text of the selected item in a single string.	GetText	SetText

Action Summary

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Action	Description
<u>DoSelectItem</u>	Selects an item of this object.

Property Detail

SelectedText

Text of the selected item in a single string.

Accessors: GetSelectedText, SetSelectedText

Text

Text of the selected item in a single string.

Accessors: GetText, SetText

Action Detail

DoSelectItem(item)

Selects an item of this object.

Parameters:

Name	Туре	Description
item	string number	Item index or text value to select.

Returns:

'true' if success, 'false' otherwise.

DXGridControl Top Previous Next

DevXpress GridControl. Extends ManagedObject.

Behavior Pattern: DXGridControlBehavior

Property Summary

Property	Description	Getter Setter	
Cell	Text of the specified cell.	GetCell	
ColumnCount	Number of columns in the table.	GetColumnCount	
ColumnName	Caption of a column.	GetColumnName	
RowCount	Number of rows in the table.	GetRowCount	
<u>Text</u>	Text of the currently focused cell.	GetText	

Action Summary

Action	Description
<u>DoClickCell</u>	Clicks the specified cell
<u>DoFullText</u>	Full text of the table (may be very long!).

Property Detail

Cell

Text of the specified cell. Accessors: GetCell

ColumnCount

Number of columns in the table. Accessors: GetColumnCount

ColumnName

Caption of a column. Accessors: GetColumnName

RowCount

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Number of rows in the table. Accessors: GetRowCount

Text

Text of the currently focused cell.

Accessors: GetText

Action Detail

DoClickCell(row, col, clickType, xOffset, yOffset)

Clicks the specified cell

Parameters:

Name	Туре	Description
row	number	Zero-based index if the row.
col	number	Zero-based index of the column.
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within node. Default is a center. Optional.
yOffset	number	Y offset to click within node. Default is a center. Optional.

Returns:

'true' if successful, 'false' otherwise

DoFullText()

Full text of the table (may be very long!).

Returns:

Table's full text

DXHyperLinkEdit

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 $DevXpress\ HyperLinkEdit.\ Extends\ \underline{ManagedObject}.$

Behavior Pattern: ManagedObjectGenericBehavior

Property Summary

Property	Description	Getter Sette	er
ControlType	Type of the object.	GetControlType	
<u>Height</u>	Height of the object.	GetHeight	
Width	Width of the object.	GetWidth	
<u>X</u>	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoDumpWidget</u>	Dumps Spy data for the object.
<u>DoGetWidgetProperty</u>	Returns the value of a property with a given name.

Property Detail

ControlType

Type of the object.

Accessors: GetControlType

Height

Height of the object. Accessors: GetHeight

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Width

Width of the object. Accessors: GetWidth

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoDumpWidget(dumpProperties, maxDepth, trimValue, indent, filePath, append, ignoreProps)

Dumps Spy data for the object.

Parameters:

Name	Туре	Description
dumpProperties	boolean	If 'true' then includes properties to the result. Optional, Default: false.
maxDepth	number	Determines max recursion depth. If '0' then dumps current object only, if '1' - dumps direct children as well, etc. If '-1' then dumps the whole subtree of objects. Optional, Default: 0.
trimValue	number	Determines maximum length of a proprty value. Excess characters are truncated. Optional, Default: 256.
indent	string	Indentation string for child objects and properties. Optional, Default: \.
filePath	string	If 'filePath' is set then outputs result to corresponding file. Optional.
append	boolean	If 'true' then file should be overwritten, if 'false' then data should be appended. Optional, Default: false.
ignoreProps	Array	Contains the names of the properties which must be ignored when writing into a file. Optional, Default: undefined.

Returns:

Object data if 'filePath' is not set, 'true' if file write succeeded, 'false' - otherwise.

DoGetWidgetProperty(name)

Returns the value of a property with a given name. Names of available properties can be seen in Spy.

Parameters:

Name	Туре	Description
name	string	Property name.

Returns:

Property value if successful, an empty string if the property can not be found.

DXImageComboBoxEdit

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DevXpress ImageComboBoxEdit. Extends ManagedObject.

Behavior Pattern: DXComboBoxEditBehavior

Property Summary

	,		
Property	Description	Getter	Setter
<u>ItemNameByIndex</u>	Returns item name by its index.	GetItemNameByIndex	
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedText	Text of the selected item in a single string.	GetSelectedText	SetSelectedText
Text	Text of the selected item in a single string.	GetText	SetText

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Action Summary

Action	Description
<u>DoSelectItem</u>	Selects an item of this object.
<u>DoSetText</u>	Sets text value of this object.

Property Detail

ItemNameByIndex

Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

SelectedText

Text of the selected item in a single string. Accessors: GetSelectedText, SetSelectedText

Text

Text of the selected item in a single string.

Accessors: GetText, SetText

Action Detail

DoSelectItem(item)

Selects an item of this object.

Parameters:

Name	Туре	Description
item	string number	Item index or text value to select.

Returns:

'true' if success, 'false' otherwise.

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DXImageEdit Top Previous Next

DevXpress ImageEdit. Extends ManagedObject.

Behavior Pattern: DXImageEditBehavior

Property Summary

Property	Description	Getter	Setter
<u>Image</u>	'true' if there is image loaded into the editor, 'false' otherwise.	GetImage	

Action Summary

Action	Description
DoSetText	Sets text value of this object.

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Property Detail

Image

'true' if there is image loaded into the editor, 'false' otherwise.

Accessors: GetImage

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DXImageListBoxControl

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 $DevXpress\ ImageListBoxControl.\ Extends\ \underline{ManagedObject}.$

Behavior Pattern: DXListBoxControlBehavior

Property Summary

Property	Description	Getter	Setter
<u>ItemCount</u>	Number of items.	GetItemCount	
<u>ItemIndexByName</u>	Returns item index by its name.	GetItemIndexByName	
ItemNameByIndex	Returns item name by its index.	GetItemNameByIndex	
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedIndices	Returns string of indexes delimited by separator or array of indexes of selected elements.	GetSelectedIndices	
SelectedItems	Text of all the selected items in a single string.	GetSelectedItems	
SelectedText	Text of the selected item in a single string.	GetSelectedText	
SelectionCount	Number of selected items.	GetSelectionCount	

Action Summary

Action	Description
<u>DoAddSelection</u>	Extends selection.
<u>DoClearSelection</u>	Clears selection.
<u>DoRemoveSelection</u>	Removes selection from specified items.
DoSelectItem	Selects items of this object.

Property Detail

ItemCount

Number of items.

Accessors: GetItemCount

ItemIndexByName

Returns item index by its name. 'false' if name is not found.

Accessors: GetItemIndexByName

ItemNameByIndex

Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndex

Index of the selected element of the object.

Accessors: GetSelectedIndex, SetSelectedIndex

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SelectedIndices

Returns string of indexes delimited by separator or array of indexes of selected elements.

Accessors: GetSelectedIndices

SelectedItems

Text of all the selected items in a single string. Items are divided by ';' separator.

Accessors: GetSelectedItems

SelectedText

Text of the selected item in a single string.

Accessors: GetSelectedText

SelectionCount

Number of selected items. Accessors: GetSelectionCount

Action Detail

DoAddSelection(items, separator, itemsType)

Extends selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoClearSelection()

Clears selection.

Returns:

'true' if success, 'false' otherwise.

DoRemoveSelection(items, separator, itemsType)

Removes selection from specified items.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is 'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoSelectItem(items, separator, itemsType)

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Selects items of this object. First it clears existing selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DXListBoxControl Top Previous Next

 $DevXpress\ ListBoxControl.\ Extends\ \underline{ManagedObject}.$

Behavior Pattern: DXListBoxControlBehavior

Property Summary

Property	Description	Getter	Setter
<u>ItemCount</u>	Number of items.	GetItemCount	
<u>ItemIndexByName</u>	Returns item index by its name.	GetItemIndexByName	
<u>ItemNameByIndex</u>	Returns item name by its index.	GetItemNameByIndex	
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedIndices	Returns string of indexes delimited by separator or array of indexes of selected elements.	GetSelectedIndices	
SelectedItems	Text of all the selected items in a single string.	GetSelectedItems	
SelectedText	Text of the selected item in a single string.	GetSelectedText	
SelectionCount	Number of selected items.	GetSelectionCount	

Action Summary

Action	Description
<u>DoAddSelection</u>	Extends selection.
<u>DoClearSelection</u>	Clears selection.
<u>DoRemoveSelection</u>	Removes selection from specified items.
<u>DoSelectItem</u>	Selects items of this object.

Property Detail

ItemCount

Number of items. Accessors: GetItemCount

ItemIndexByName

Returns item index by its name. 'false' if name is not found.

Accessors: GetItemIndexByName

ItemNameByIndex

Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

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SelectedIndices

Returns string of indexes delimited by separator or array of indexes of selected elements.

Accessors: GetSelectedIndices

SelectedItems

Text of all the selected items in a single string. Items are divided by ';' separator.

Accessors: GetSelectedItems

SelectedText

Text of the selected item in a single string.

Accessors: GetSelectedText

SelectionCount

Number of selected items. Accessors: GetSelectionCount

Action Detail

DoAddSelection(items, separator, itemsType)

Extends selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is 'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoClearSelection()

Clears selection.

Returns:

'true' if success, 'false' otherwise.

DoRemoveSelection(items, separator, itemsType)

Removes selection from specified items.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is 'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DoSelectItem(items, separator, itemsType)

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Selects items of this object. First it clears existing selection.

Parameters:

Name	Туре	Description
items	array string	Can be one of the following: 1. Number, index of an item. 2. String, item names delimited with separator. 3. String, item indexes delimited with separator. 4. Array of item names. 5. Array of item indexes.
separator	string	Separator Optional, Default: ;.
itemsType	string	If it is 'name' and 'items' parameter is of Stringtype then 'items' parameter is treated as separated item names. If it is'index' and 'items' parameter is of String type then'items' parameter istreated as separated item indexes. If any other value is passed as 'itemsType'the behavior is undefined. Optional.

Returns:

'true' if success, 'false' otherwise.

DXLookUpEdit Top Previous Next

 $DevXpress\ LookUpEdit.\ Extends\ \underline{ManagedObject}.$

Behavior Pattern: DXLookUpEditBehavior

Property Summary

Property	Description	Getter	Setter
<u>ItemIndex</u>	Index of the selected element of the object.	GetItemIndex	SetItemIndex
<u>ItemName</u>	Name of the selected element of the object.	GetItemName	
properties.SelectedText		Getproperties.SelectedText	Setproperties.SelectedText
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
DoSelectItem	Selects an item of this object.
DoSetText	Sets text value of this object.

Property Detail

ItemIndex

Index of the selected element of the object. Accessors: GetItemIndex, SetItemIndex

ItemName

Name of the selected element of the object.

Accessors: GetItemName

properties.SelectedText

Accessors: Getproperties.SelectedText, Setproperties.SelectedText

SelectedIndex

Index of the selected element of the object.

Accessors: GetSelectedIndex, SetSelectedIndex

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

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DoSelectItem(val)

Selects an item of this object.

Parameters:

Name	Туре	Description
val	number	index of value to select

Returns:

'true' if success, 'false' otherwise.

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DXMarqueeProgressBarControl

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 $DevXpress\ Marquee Progress BarControl.\ Extends\ \underline{ManagedObject}.$

Behavior Pattern: DXMarqueeProgressBarControlBehavior

Property Summary

Property	Description	Getter	Setter
Working	Gets or sets a value indicating whether the control can respond to user	GetWorking	
	interaction		

Property Detail

Working

Gets or sets a value indicating whether the control can respond to user interaction

Accessors: GetWorking

DXMaskBox Top Previous Next

DevXpress MaskBox. Extends ManagedObject.

Behavior Pattern: DXObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

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Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DXMemoEdit Top Previous Next

DevXpress MemoEdit. Extends ManagedObject.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DXMemoExEdit Top Previous Next

 ${\tt DevXpress\ MemoExEdit.\ Extends\ \underline{ManagedObject}}.$

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

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Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DXMRUEdit Top Previous Next

DevXpress MRUEdit. Extends ManagedObject.

Behavior Pattern: DXComboBoxEditBehavior

Property Summary

Property	Description	Getter	Setter
<u>ItemNameByIndex</u>	Returns item name by its index.	GetItemNameByIndex	
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
SelectedText	Text of the selected item in a single string.	GetSelectedText	SetSelectedText
Text	Text of the selected item in a single string.	GetText	SetText

Action Summary

Action	Description
<u>DoSelectItem</u>	Selects an item of this object.
<u>DoSetText</u>	Sets text value of this object.

Property Detail

ItemNameByIndex

Returns item name by its index.'false' if name is not found.

Accessors: GetItemNameByIndex

SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

SelectedText

Text of the selected item in a single string. Accessors: GetSelectedText, SetSelectedText

Text

Text of the selected item in a single string.

Accessors: GetText, SetText

Action Detail

DoSelectItem(item)

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Selects an item of this object.

Parameters:

Name	Туре	Description
item	string number	Item index or text value to select.

Returns:

'true' if success, 'false' otherwise.

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DXNavBarControl Top Previous Next

DevXpress NavBar. Extends ManagedObject.

Behavior Pattern: DXNavBarControlBehavior

Property Summary

Property	Description	Getter	Setter
<u>Item</u>	Caption of the item specified by index	GetItem	
<u>ItemCount</u>	Number of items.	GetItemCount	

Action Summary

Action	Description
<u>DoClickItem</u>	Performs Click on the navigation item
DoExpandGroup	Expand (or make active) the navigation group

Property Detail

Item

Caption of the item specified by index

Accessors: GetItem

ItemCount

Number of items.

Accessors: GetItemCount

Action Detail

DoClickItem(nameCaptionIndex)

Performs Click on the navigation item

Parameters:

Name	Туре	Description
nameCaptionIndex	string number	index, name or caption of the item to be selected.

Returns:

'true' if successful, 'false' otherwise.

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DoExpandGroup(nameCaptionIndex)

Expand (or make active) the navigation group

Parameters:

Name	Туре	Description
nameCaptionIndex	string number	index, name or caption of the item to be selected.

Returns:

'true' if successful, 'false' otherwise.

DXPopupBarControl

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DevXpress DXPopupBarControl. Extends ManagedObject.

Behavior Pattern: DXPopupBarControlBehavior

Property Summary

Property	Description	Getter	Setter
<u>Item</u>	Caption of the item specified by index	GetItem	
<u>ItemCount</u>	Number of items.	GetItemCount	

Action Summary

Action	Description
<u>DoClickItem</u>	Performs Click on the navigation item

Property Detail

Item

Caption of the item specified by index

Accessors: GetItem

ItemCount

Number of items.

Accessors: GetItemCount

Action Detail

DoClickItem(nameCaptionIndex, xOffset, yOffset)

Performs Click on the navigation item

Parameters:

Name	Туре	Description
nameCaptionIndex	string number	index, name or caption of the item to be selected.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if successful, 'false' otherwise.

DXPopupContainerEdit

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DevXpress PopupContainerEdit. Extends ManagedObject.

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Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DXPopupLookUpEditForm

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 $DevXpress\ PopupLookUpEditForm.\ Extends\ \underline{ManagedObject}.$

Behavior Pattern: DXPopupLookUpEditFormBehavior

DXProgressBarControl

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DevXpress ProgressBarControl. Extends ManagedObject.

Behavior Pattern: DXProgressBarControlBehavior

Property Summary

Property	Description	Getter	Setter
<u>Value</u>	Value of the object.	GetValue	SetValue

Property Detail

Value

Value of the object.

Accessors: GetValue, SetValue

DXRadioGroup

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DevXpress RadioGroup. Extends ManagedObject.

Behavior Pattern: DXRadioGroupBehavior

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Property Summary

Property	Description	Getter	Setter
SelectedIndex	Index of the selected element of the object.	GetSelectedIndex	SetSelectedIndex
Text	Text of the label of the object	GetText	

Action Summary

Action	Description
<u>DoSelectItem</u>	Selects Item

Property Detail

SelectedIndex

Index of the selected element of the object.
Accessors: GetSelectedIndex, SetSelectedIndex

Text

Text of the label of the object Accessors: GetText

Action Detail

DoSelectItem(index)

Selects Item

Parameters:

Name	Туре	Description
index	number	Index of the element to check

Returns:

'true' if successful, 'false' otherwise

DXRangeTrackBarControl

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DevXpress RangeTrackBarControl. Extends ManagedObject.

Behavior Pattern: DXRangeTrackBarControlBehavior

Property Summary

Property	Description	Getter	Setter
<u>MaxValue</u>	Maximum value of the object or 'false' if value can't be read.	GetMaxValue	SetMaxValue
<u>MinValue</u>	Minimum value of the object or 'false' if value can't be read.	GetMinValue	SetMinValue

Property Detail

MaxValue

Maximum value of the object or 'false' if value can't be read. Accessors: GetMaxValue, SetMaxValue

MinValue

Minimum value of the object or 'false' if value can't be read.

Accessors: GetMinValue, SetMinValue

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DevXpress SimpleButton. Extends ManagedObject.

Behavior Pattern: ManagedObjectButtonBehavior

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DXSpinEdit Top Previous Next

DevXpress SpinEdit. Extends ManagedObject.

Behavior Pattern: DXSpinEditBehavior

Property Summary

Property	Description	Getter	Setter
<u>Increment</u>	The value of increment for spin.	GetIncrement	SetIncrement
<u>MaxValue</u>	Maximum value of the object or 'false' if value can't be read.	GetMaxValue	SetMaxValue
<u>MinValue</u>	Minimum value of the object or 'false' if value can't be read.	GetMinValue	SetMinValue
Text	Text of the object, 'false' if text can not be read.	GetText	SetText
Value	Value of the object.	GetValue	SetValue

Action Summary

Action	Description
<u>DoDown</u>	Decrements the Value of an object.
<u>DoSetText</u>	Sets text value of this object.
DoUp	Increments the Value of an object.

Property Detail

Increment

The value of increment for spin. Accessors: GetIncrement, SetIncrement

MaxValue

Maximum value of the object or 'false' if value can't be read.

Accessors: GetMaxValue, SetMaxValue

MinValue

Minimum value of the object or 'false' if value can't be read.

 ${\bf Accessors: GetMinValue, SetMinValue}$

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Value

Value of the object.

Accessors: GetValue, SetValue

Action Detail

DoDown()

Decrements the Value of an object.

Returns:

'true' if success, 'false' otherwise.

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

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DoUp()

Increments the Value of an object.

Returns:

'true' if success, 'false' otherwise.

DXTextEdit Top Previous Next

DevXpress TextEdit. Extends ManagedObject.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DXTextEditMasked

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DevXpress Masked TextEdit. Extends ManagedObject.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
Text	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
DoSetText	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read.

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Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DXTimeEdit Top Previous Next

DevXpress TimeEdit. Extends ManagedObject.

Behavior Pattern: ManagedObjectTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
DoSetText	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

DXTrackBarControl

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 $DevXpress\ TrackBarControl.\ Extends\ \underline{ManagedObject}.$

Behavior Pattern: DXTrackBarControlBehavior

Property Summary

Property	Description	Getter	Setter
<u>Value</u>	Value of the object.	GetValue	SetValue

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Property Detail

Value

Value of the object. Accessors: GetValue, SetValue

DXTreeList Top Previous Next

DevXpress TreeList. Extends ManagedObject.

Behavior Pattern: DXTreeListBehavior

Property Summary

Property	Description	Getter	Setter
CellText	Cell text for the cell specified by rowPath and col GetCellText		
Checked	Checked state of the selected node or a node specified by the input parameters. GetChecked		
ChildrenCount	Number of children of the selected node or a node specified by the input parameters. GetChildrenCount		
ColumnCount	Number of columns in current grid.	GetColumnCount	
ColumnName	Caption of a column.	GetColumnName	
Expanded	Expanded state of the selected node or a node specified by the input parameters.		
IndexPath	Index path of the specified or selected tree node i.e.	GetIndexPath	
NodeText	Text of the selected node or a node specified by the input parameters.	GetNodeText	
RowCount	Number of rows in current grid. GetRowCount		
Selected	Selected state of the selected node or a node specified by the input parameters GetSelected		
Text	;-combined text of all selected nodes. GetText		

Action Summary

Action	Description
<u>DoClickCell</u>	Click the cell specified by row name or index and column name or index
<u>DoClickNode</u>	Clicks specific node in the tree.
<u>DoCollapse</u>	Collapses specific node in the tree.
DoExpand	Expands specific node in the tree.
DoSetCheck	Set 'checked' state of the specified node

Property Detail

CellText

Cell text for the cell specified by rowPath and col

Accessors: GetCellText

Checked

Checked state of the selected node or a node specified by the input parameters.

Accessors: GetChecked

ChildrenCount

Number of children of the selected node or a node specified by the input parameters.

Accessors: GetChildrenCount

ColumnCount

Number of columns in current grid. Accessors: GetColumnCount

ColumnName

Caption of a column.

Accessors: GetColumnName

Expanded

Expanded state of the selected node or a node specified by the input parameters.

Accessors: GetExpanded

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IndexPath

Index path of the specified or selected tree node i.e. string in form '0;5;2;1;6', 'false' if fails

Accessors: GetIndexPath

NodeText

Text of the selected node or a node specified by the input parameters.

Accessors: GetNodeText

RowCount

Number of rows in current grid. Accessors: GetRowCount

Selected

Selected state of the selected node or a node specified by the input parameters

Accessors: GetSelected

Text

;-combined text of all selected nodes.

Accessors: GetText

Action Detail

DoClickCell(rowPath, col, xOffset, yOffset)

Click the cell specified by row name or index and column name or index

Parameters:

Name	Туре	Description
rowPath	string number	Path of the top level node to select. If integer number is passed then the top level node is searched by index.
col	number string	Column index or column name
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if success, 'false' otherwise.

DoClickNode(path, separator, pathType, column, xOffset, yOffset)

Clicks specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.
column	number string	Column index or column name. Default is 0 Optional.
xOffset	number	X offset to click within node. Default is a center. Optional.
yOffset	number	Y offset to click within node. Default is a center. Optional.

Returns:

'true' if success, 'false' otherwise.

DoCollapse(path, separator, pathType)

Collapses specific node in the tree.

Parameters:

Name	Туре	Description

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path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoExpand(path, separator, pathType)

Expands specific node in the tree.

Parameters:

Name	Туре	Description
path	string	Path of the node
separator	string	Separator Optional, Default: ;.
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.

Returns:

'true' if success, 'false' otherwise.

DoSetCheck(bcheck, path, separator, pathType)

Set 'checked' state of the specified node

Parameters:

Name	Туре	Description	
bcheck	boolean	Check state to set	
path	string	Path of the node	
separator	string	Separator Optional, Default: ;.	
pathType	string	Path type. Can be one of 'name', 'id' or 'index'. Optional, Default: name.	

Returns:

'true' if success, 'false' otherwise.

DXZoomTrackBarControl

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DevXpress ZoomTrackBarControl. Extends ManagedObject.

Behavior Pattern: DXZoomTrackBarControlBehavior

Property Summary

Property	Description	Getter	Setter
Value	Value of the object.	GetValue	SetValue

Property Detail

Value

Value of the object.
Accessors: GetValue, SetValue

WpfComboBox Top Previous Next

WPF combobox with fixed choices.

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Behavior Pattern: Win32ItemSelectable

Action Summary

Action	Description
<u>DoSelectItem</u>	Selects item of this object.

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

Returns:

'true' if operation is successful, 'false' otherwise

Behavior Pattern: Win32ItemCombo

Action Summary

Action	Description
DoSelectItem	Selects item of this object.

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string	This is a name of item to select.

Returns:

'true' if operation is successful, 'false' otherwise

WpfComboBoxEditable

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WPF combobox with editable value.

Behavior Pattern: Win32TextEditable

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description
<u>DoSetText</u>	Sets text value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

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Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

Behavior Pattern: Win32ItemSelectable

Action Summary

Action	Description	
DoSelectItem	Selects item of this object.	

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

Returns:

'true' if operation is successful, 'false' otherwise

Behavior Pattern: Win32ItemCombo

Action Summary

Action	Description
<u>DoSelectItem</u>	Selects item of this object.

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string	This is a name of item to select.

Returns:

'true' if operation is successful, 'false' otherwise

WpfTree Top Previous Next

WPF tree control. Use DoSelectItem to select a node in the tree and DoExpand to expand/collapse a node.

Behavior Pattern: WpfTreeSelectable

Action Summary

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Action	Description
<u>DoSelectItem</u>	This function selects an item of this object.

Action Detail

DoSelectItem(path, sep)

This function selects an item of this object.

Parameters:

Name	Туре	Description
path	string	This is the path of an item.
sep	string	Separator Optional, Default: ;.

Returns:

'true' if successful, 'false' otherwise'

Behavior Pattern: WpfTreeExpandable

Action Summary

Action	Description
<u>DoExpand</u>	This function expands an item of this object.

Action Detail

DoExpand(path, bexpand, sep)

This function expands an item of this object.

Parameters:

Name	Туре	Description
path	string	This is the path of an item.
bexpand	string	This is the path of an item.
sep	string	Separator Optional, Default: ;.

Returns:

'true' if successful, 'false' otherwise'

QWidget Top Previous Next

Generic Qt Widget

Behavior Pattern: [None]

QPopup Top Previous Next

Generic Qt Popup control

Behavior Pattern: [None]

QCheckBox Top Previous Next

Qt CheckBox. Extends QWidget.

Behavior Pattern: QtCheckableBehavior

Property Summary

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Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Action Summary

Action	Description
<u>DoSetCheck</u>	Sets check state of the object.

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise. Accessors: GetChecked, SetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

QRadioButton Top Previous Next

Qt Radio Button. Extends QWidget.

Behavior Pattern: QtCheckableBehavior

Property Summary

Property	Description	Getter	Setter
Checked	Check state of the button.	GetChecked	SetChecked

Action Summary

Action	Description	
<u>DoSetCheck</u>	Sets check state of the object.	

Property Detail

Checked

Check state of the button. 'true' if the button is checked, 'false' otherwise. Accessors: GetChecked, SetChecked

Action Detail

DoSetCheck(bcheck)

Sets check state of the object.

Parameters:

Name	Туре	Description
bcheck	boolean	Desired check state for the button.

Returns:

'true' if success, 'false' otherwise.

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QPushButton Top Previous Next

This matches a Qt push button. Use DoAction to press it. Extends QWidget.

Behavior Pattern: Win32Pressable

Action Summary

Action	Description
<u>DoAction</u>	Presses the button.

Action Detail

DoAction()

Presses the button.

QToolButton Top Previous Next

This matches a Qt push button. Use DoAction to press it. Extends QWidget.

Behavior Pattern: Win32Pressable

Action Summary

Action	Description
<u>DoAction</u>	Presses the button.

Action Detail

DoAction()

Presses the button.

QLabel Top Previous Next

This is Qt read-only text label. Use GetText to read the current value of the label text. Extends QWidget.

Behavior Pattern: QtTextBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText

Returns:

'true' if success, 'false' otherwise.

QLineEdit Top Previous Next

This is Qt single-line text edit box. Use DoSetText to set the value of the edit box and GetText to read current value. Extends QWidget.

Behavior Pattern: QtTextEditableBehavior

Property Summary

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Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description	
<u>DoSetText</u>	Sets text value of this object.	

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText, SetText

Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

QTextEdit Top Previous Next

This is Qt multi-line text edit box. Use DoSetText to set the value of the edit box and GetText to read current value. Extends QWidget.

Behavior Pattern: QtTextEditableBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	SetText

Action Summary

Action	Description	
<u>DoSetText</u>	Sets text value of this object.	

Property Detail

Text

Text of the object, 'false' if text can not be read. Accessors: GetText, SetText

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Action Detail

DoSetText(val)

Sets text value of this object.

Parameters:

Name	Туре	Description
val	string	Text value.

Returns:

'true' if success, 'false' otherwise.

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QComboBox Top Previous Next

This is the Qt combo box. Use DoSelectItem to select a particular item. Extends **QWidget**.

Behavior Pattern: QtltemComboBehavior

Property Summary

Property	Description	Getter	Setter
Value	Get the value of the currently selected item	GetValue	

Action Summary

Action	Description
<u>DoSelectItem</u>	Selects item of this object.

Property Detail

Value

Gets the value of the selected item. This is usually equivalent to the name of the item being selected. Accessors: GetValue

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

Returns:

'true' if operation is successful, 'false' otherwise

QFontComboBox

This is the Qt font combo box. Use DoSelectItem to select a particular font. Extends QWidget.

Behavior Pattern: QtltemComboBehavior

Property Summary

Property	Description	Getter	Setter
Value	Get the value of the currently selected item	GetValue	

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Action Summary

Action	Description
<u>DoSelectItem</u>	Selects item of this object.

Property Detail

Value

Gets the value of the selected item. This is usually equivalent to the name of the item being selected. Accessors: GetValue

Action Detail

DoSelectItem(itemName)

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Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

Returns:

'true' if operation is successful, 'false' otherwise

QListBox Top Previous Next

This is the Qt list box. Use DoSelectItem to select a particular item. Extends QWidget.

Behavior Pattern: QtListBoxBehavior

Property Summary

Property	Description	Getter	Setter
Value	Get the value of the currently selected item	GetValue	

Action Summary

Action	Description
DoSelectItem	Selects item of this object.

Property Detail

Value

Gets the value of the selected item. This is usually equivalent to the name of the item being selected.

Accessors: GetValue

Action Detail

DoSelectItem(itemName)

Selects item of this object.

Parameters:

Name	Туре	Description
itemName	string array	This is a name of item to select. Or an array of item names in the case of multi-select.

Returns:

'true' if operation is successful, 'false' otherwise

QTimeEdit Top Previous Next

This is Qt masked date edit box. Use DoSetTime to set the time value of the edit box and GetText to read current value. Extends QWidget.

Behavior Pattern: QtDateTimeBehavior

Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	

Action Summary

Action	Description

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Sets the time value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText

Action Detail

DoSetTime(val)

Sets the time value of this object.

Parameters:

Name	Туре	Description
val	string	Time value.

Returns:

'true' if success, 'false' otherwise.

QDateEdit Top Previous Next

This is Qt masked date edit box. Use DoSetDate to set the date value of the edit box and GetText to read current value. Extends QWidget.

Behavior Pattern: QtDateTimeBehavior

Property Summary

Property	Description	Getter	Setter
Text	Text of the object, 'false' if text can not be read.	GetText	

Action Summary

Action	Description
<u>DoSetDate</u>	Sets the date value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText

Action Detail

DoSetDate(val)

Sets the date value of this object.

Parameters:

Name	Туре	Description
val	string	Date value.

Returns:

'true' if success, 'false' otherwise.

QDateTimeEdit Top Previous Next

This is Qt masked date edit box. Use DoSetDateTime to set the date value of the edit box and GetText to read current value. Extends QWidget.

Behavior Pattern: QtDateTimeBehavior

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Property Summary

Property	Description	Getter	Setter
<u>Text</u>	Text of the object, 'false' if text can not be read.	GetText	

Action Summary

Action	Description
<u>DoSetDateTime</u>	Sets the date/time value of this object.

Property Detail

Text

Text of the object, 'false' if text can not be read.

Accessors: GetText

Action Detail

DoSetDateTime(val)

Sets the date/time value of this object.

Parameters:

Name	Туре	Description
val	string	Date/time value.

Returns:

'true' if success, 'false' otherwise.

QMenuBar Top Previous Next

This is for testing the main Qt menu bar (e.g. main menu of the application). Use DoClickItem to click a particular item from the menu. Extends QWidget.

Behavior Pattern: QtltemClickable

Action Summary

Action	Description
<u>DoClickItem</u>	Performs click on an item of this object.

Action Detail

DoClickItem(itemName)

Performs click on an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to click

Returns:

'true' if operation was successful, 'false' otherwise

QPopupMenu Top Previous Next

This is generic Qt popup menu. Use DoClickItem to click a particular item from the menu. Extends QPopup.

Behavior Pattern: QtltemClickable

Action Summary

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Action	Description
<u>DoClickItem</u>	Performs click on an item of this object.

Action Detail

DoClickItem(itemName)

Performs click on an item of this object.

Parameters:

Name	Туре	Description
itemName	string	Name of the item to click

Returns:

'true' if operation was successful, 'false' otherwise

QSimulated Top Previous

This is a rule for Qt simulated objects.

Behavior Pattern: Win32Simulated

Property Summary

Property	Description	Getter	Setter
Bitmap	UI Image of the object.	GetBitmap	
BWBitmap	UI Image of the object in 1-bit format (black&white).	GetBWBitmap	
Class	Class of the object.	GetClass	
<u>Height</u>	Height of the object.	GetHeight	
Name	Name of the object.	GetName	
ObjectType	SeSMatcherRule type for this object.	GetObjectType	
State	State of the object.	GetState	
Value	Value of the object.	GetValue	SetValue
Width	Width of the object.	GetWidth	
WindowText	Window text of the object.	GetWindowText	SetWindowText
X	X-coordinate of the top left corner of the object.	GetX	
<u>Y</u>	Y-coordinate of the top left corner of the object.	GetY	

Action Summary

Action	Description
<u>DoAction</u>	Performs default action for an object.
DoAnalogPlay	Plays analog recording using coordinates relative to this object.
DoClick	Performs left click at the center of an object.
<u>DoEnsureVisible</u>	Makes sure specified element is visible on the screen.
DoLButtonDown	Performs left mouse button down.
<u>DoLButtonUp</u>	Performs left mouse button up.
DoLClick	Performs a left click at the center of an object or at the specified location.
<u>DoLDClick</u>	Performs a left double click at the center of an object or at the specified location.
<u>DoMButtonDown</u>	Performs middle mouse button down.
<u>DoMButtonUp</u>	Performs middle mouse button up.
<u>DoMClick</u>	Performs a middle click at the center of an object or at the specified location.
DoMDClick	Performs a middle double click at the center of an object or at the specified location.
<u>DoMouseMove</u>	Moves mouse cursor to a location relative to this object position.
DoRButtonDown	Performs right mouse button down.
<u>DoRButtonUp</u>	Performs right mouse button up.
<u>DoRClick</u>	Performs a right click at the center of an object or at the specified location.
<u>DoRDClick</u>	Performs a right double click at the center of an object or at the specified location.
<u>DoSendKeys</u>	Sends series of keystrokes to an object.

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Property Detail

Bitmap

UI Image of the object. Accessors: GetBitmap

BWBitmap

UI Image of the object in 1-bit format (black&white).

Accessors: GetBWBitmap

Class

Class of the object. Accessors: GetClass

Height

Height of the object. Accessors: GetHeight

Name

Name of the object. Accessors: GetName

ObjectType

SeSMatcherRule type for this object.

Accessors: GetObjectType

State

State of the object.
Accessors: GetState

Value

Value of the object.

Accessors: GetValue, SetValue

Width

Width of the object. Accessors: GetWidth

WindowText

Window text of the object.

Accessors: GetWindowText, SetWindowText

X

X-coordinate of the top left corner of the object.

Accessors: GetX

Υ

Y-coordinate of the top left corner of the object.

Accessors: GetY

Action Detail

DoAction()

Performs default action for an object. If the object doesn't have default action then 'LClick' is performed.

DoAnalogPlay(path, left, top)

Plays analog recording using coordinates relative to this object.

Parameters:

Name	Туре	Description
path	string	Path to analog recording (usually an .arf file).
left	number	X-coordinate of top-left corner of the analog area, relative to object top-left corner Optional.
top	number	Y-coordinate of the top-left corner of the analog area, relative to object top-left corner Optional.

DoClick(clickType, xOffset, yOffset)

Performs left click at the center of an object. It is a customizable variant of LClick action.

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Parameters:

Name	Туре	Description
clickType	string	Type of click, can be one of "L" - left click, "LD" - double left click, "R" - right click, "RD" - double right click, "M" - middle click, "MD" - double middle click, "N" - don't click Optional, Default: L.
xOffset	number	X offset to click within object. Default is a center. Optional.
yOffset	number	X offset to click within object. Default is a center. Optional.

Returns:

'true' if operation is successful, 'false' otherwise

DoEnsureVisible()

Makes sure specified element is visible on the screen.

DoLButtonDown()

Performs left mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoLButtonUp', otherwise it may lock mouse cursor.

DoLButtonUp()

Performs left mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoLButtonDown', otherwise it will have no effect.

DoLClick(x, y)

Performs a left click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoLDClick(x, y)

Performs a left double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
X	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoMButtonDown()

Performs middle mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoMButtonUp', otherwise it may lock mouse cursor.

DoMButtonUp()

Performs middle mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoMButtonDown', otherwise it will have no effect.

DoMClick(x, y)

Performs a middle click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
х	number	X-coordinate of location relative to object's left border
у	number	Y-coordinate of location relative to object's top border

Returns:

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'true' if operation is successful, 'false' otherwise

DoMDClick(x, y)

Performs a middle double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description	
x	number	X-coordinate of location relative to object's left border	
у	number	Y-coordinate of location relative to object's top border	

Returns:

'true' if operation is successful, 'false' otherwise

DoMouseMove(x, y)

Moves mouse cursor to a location relative to this object position.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

DoRButtonDown()

Performs right mouse button down. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: This action must be followed by 'DoRButtonUp', otherwise it may lock mouse cursor.

DoRButtonUp()

Performs right mouse button up. This method does not change cursor coordinates. Make sure that you use 'DoMouseMove' to position mouse cursor properly before calling this method. Note: Use this action after 'DoRButtonDown', otherwise it will have no effect.

DoRClick(x, y)

Performs a right click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoRDClick(x, y)

Performs a right double click at the center of an object or at the specified location.

Parameters:

Name	Туре	Description
x	number	X-coordinate of location relative to object's left border
y	number	Y-coordinate of location relative to object's top border

Returns:

'true' if operation is successful, 'false' otherwise

DoSendKeys(keys)

Sends series of keystrokes to an object. For example: DoSendKeys('^F') - sends {CTRL} + {F}. See MSDN Article for SendKeys

Parameters:

Name	Туре	Description
keys	string	A sequence of keystrokes.

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