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FlexTest User Guide

Audience: FlexTest Users / Tester

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1. DevComponents

1. DotNetBar.Bar

■ ChildClick

Performs a click on a sub item

Parameters

path

The path to the sub item

Example

```
'Click the item with the name "buttonItem42" which is sub item of "buttonItem38" which is sub item of
"buttonItem14"
SwfWindow("Form1").SwfToolbar("bar1").ChildClick "\buttonItem14\buttonItem38\buttonItem42"
```

ChildClick performs a click on a sub item of the main control. The main control is the control which is recognized as object repository item in QTP. In this case the main control is the Bar control from DevComponents. The Bar control can have different UI child elements in a variable, hierarchical tree structure. To make it easy to test this control, each item of it is identified by a path. This path is the value which has to be passed to the ChildClick method. Usually the path has the format: "[item1][item11][item112]".

■ ChildSelectByName

Selects an item of a sub item

Parameters

path

The path to the sub item

itemName

The item to select

Example

```
SwfWindow("Form1").SwfToolbar("bar1").ChildSelectByName "\comboBoxItem4","comboBox17"
```

■ ChildSet

Sets the value of a sub item

Parameters

path

The path to the sub item

value

The value to set

Example

```
SwfWindow("Form1").SwfToolbar("bar1").ChildSet "\checkBoxItem5","ON"
SwfWindow("Form1").SwfToolbar("bar1").ChildSet "\checkBoxItem5","OFF"
```

■ Press

Performs a click on a sub item

Parameters

path

The path to the sub item

Example

```
'Click the item with the name "buttonItem42" which is sub item of "buttonItem38" which is sub item of "buttonItem14"
SwfWindow("Form1").SwfToolbar("bar1").Press "\buttonItem14\buttonItem38\buttonItem42"
```

The Press method exists for compatibility reasons and just calls the ChildClick method.

■ Select

Selects an item of a sub item

Parameters

path

The path to the sub item

itemName

The item to select

Example

```
SwfWindow("Form1").SwfToolbar("bar1").Select "\comboBoxItem4", "comboBox17"
```

The Select method exists for compatibility reasons and just calls the ChildSelectByName or ChildSelectByIndex methods depending on the type of the argument.

■ Set

Sets the value of a sub item

Parameters

path

The path to the sub item

value

The value to set

Example

```
SwfWindow("Form1").SwfToolbar("bar1").Set "\checkboxItem5", "ON"
```

2. DotNetBar.ButtonX

■ Click

Performs a click on the button

Example

```
SwfWindow("Form1").SwfButton("buttonX1").Click
```

■ ClickDropDown

Performs a click on the drop down button

Example

```
SwfWindow("Form1").SwfButton("buttonX1").ClickDropDown
```

3. DotNetBar.CheckBoxX

- **GetCheckState**

Gets the check state (Possible values: "ON", "OFF", "DIMMED")

Example

```
Print SwfWindow("Form1").SwfCheckBox("checkBoxX1").GetCheckState
```

- **Set**

Sets the check state

Parameters

value

The check state to set (Possible values: "ON", "OFF", "DIMMED")

Example

```
SwfWindow("Form1").SwfCheckBox("checkBoxX1").Set "ON"  
SwfWindow("Form1").SwfCheckBox("checkBoxX1").Set "DIMMED"  
SwfWindow("Form1").SwfCheckBox("checkBoxX1").Set "OFF"
```

4. DotNetBar.ColorPickerButton

- **Click**

Performs a click on the button

Example

```
SwfWindow("Form1").SwfButton("colorPickerButton1").Click
```

5. DotNetBar.Controls.ComboBoxEx

- **Count**

Get number of items

Example

```
Print SwfWindow("Form1").SwfComboBox("comboBoxEx1").Count
```

- **GetItemIndex**

Gets the index of an item

Parameters

index

The index of the item

Example

```
Print SwfWindow("Form1").SwfComboBox("comboBoxEx1").GetItemIndex("comboBox2")
```

- **GetItemName**

Gets the name of an item

Parameters

index

The index of the item

Example

```
Print SwfWindow("Form1").SwfComboBox("comboBoxEx1").GetItemName(2)
```

ItemNames

Get a string array with the captions of all items. Access single item with object.Item(index).

Example

```
Dim i
For i=0 to SwfWindow("Form1").SwfComboBox("comboBoxEx1").ItemNames.Count-1
Print SwfWindow("Form1").SwfComboBox("comboBoxEx1").ItemNames.Item(i)
Next
```

Select

Select an item of the list box

Parameters

value

Name of Index of the item to select

Example

```
SwfWindow("Form1").SwfComboBox("comboBoxEx1").Select 3
SwfWindow("Form1").SwfComboBox("comboBoxEx1").SelectByName "comboBox2"
```

SelectByIndex

Select an item of the list box

Parameters

value

zero-based index of the item to select

Example

```
SwfWindow("Form1").SwfComboBox("comboBoxEx1").SelectByIndex 1
```

SelectByName

Select an item of the list box

Parameters

value

caption of the item to select

Example

```
SwfWindow("Form1").SwfComboBox("comboBoxEx1").SelectByName "comboBox1"
SwfWindow("Form1").SwfComboBox("comboBoxEx1").SelectByName "comboBox2"
```

6. DotNetBar.Controls.GroupPanel

SetScrollPosition

Sets the position of the scroll bar thumb.

Parameters

position

The position to set

Example

```
SwfWindow("Form1").SwfObject("groupPanel1").SetScrollPosition 5,"VerticalScroll"
```



```
SwfWindow("Form1").SwfObject("groupPanel1").SetScrollPosition 5,"HorizontalScroll"
```

7. DotNetBar.Controls.ListViewEx

■ Count

Get number of items

Example

```
Print SwfWindow("Form1").SwfListView("listViewEx1").Count
```

■ GetItemIndex

Gets the index of an item

Parameters

index

The index of the item

Example

```
Print SwfWindow("Form1").SwfListView("listViewEx1").GetItemIndex
```

■ GetItemName

Gets the name of an item

Parameters

index

The index of the item

Example

```
Print SwfWindow("Form1").SwfListView("listViewEx1").GetItemName
```

■ ItemNames

Get a string array with the captions of all items. Access single item with object.Item(index).

Example

```
Print SwfWindow("Form1").SwfListView("listViewEx1").ItemNames
```

■ SelectByIndex

Select an item of the list box

Parameters

value

zero-based index of the item to select

Example

```
Print SwfWindow("Form1").SwfListView("listViewEx1").SelectByIndex
```

■ SelectByName

Select an item of the list box

Parameters

value

caption of the item to select

Example

```
Print SwfWindow("Form1").SwfListView("listViewEx1").SelectByName
```

8. DotNetBar.Controls.ProgressBarX

■ Get

Example

```
Print SwfWindow("Form1").SwfObject("progressBarX1").Get
```

■ GetValue

Example

```
Print SwfWindow("Form1").SwfObject("progressBarX1").GetValue
```

■ Maximum

Gets the maximum value

Example

```
Print SwfWindow("Form1").SwfObject("progressBarX1").Maximum
```

■ Minimum

Gets the minimum value

Example

```
Print SwfWindow("Form1").SwfObject("progressBarX1").Minimum
```

■ Value

Gets the current value

Example

```
Print SwfWindow("Form1").SwfObject("progressBarX1").Value
```

9. DotNetBar.Controls.ReflectionImage

■ Click

Performs a click

10. DotNetBar.Controls.Slider

■ Decrease

Decreases the position of the slider by the default decrease value of the control

Example

```
SwfWindow("Form1").SwfObject("slider1").Decrease
```

■ GetValue

Gets the value for the slider position

Example

```
Print SwfWindow("Form1").SwfObject("slider1").GetValue
```

■ Increase

Increases the position of the slider by the default increase value of the control

Example

```
SwfWindow("Form1").SwfObject("slider1").Increase
```

■ Maximum

Gets the maximum value

Example

```
Print SwfWindow("Form1").SwfObject("slider1").Maximum
```

■ Minimum

Gets the minimum value

Example

```
Print SwfWindow("Form1").SwfObject("slider1").Minimum
```

■ SetValue

Sets the position of the slider

Parameters

value

The value to set

Example

```
SwfWindow("Form1").SwfObject("slider1").SetValue 57
```

11. DotNetBar.Controls.TextBoxX

■ Get

Gets the current value

Example

```
Print SwfWindow("Form1").SwfEdit("textBoxX2").Get
```

■ Set

Sets the current text

Parameters

text

The text to set

Example

```
SwfWindow("Form1").SwfEdit("textBoxX2").Set "abc123"
```

12. DotNetBar.Controls.WarningBox

13. DotNetBar.ExpandablePanel

■ ClickExpandButton

Performs a click on the ExpandButton

Example

```
SwfWindow("Form1").SwfObject("expandablePanel2").ClickExpandButton
```

- **Collapse**
Collapses the panel

Example

```
SwfWindow("Form1").SwfObject("expandablePanel1").Collapse
```

- **Expand**
Expands the panel

Example

```
SwfWindow("Form1").SwfObject("expandablePanel1").Expand
```

- **GetExpand**
Gets if the panel is expanded

Example

```
Print SwfWindow("Form1").SwfObject("expandablePanel1").GetExpand
```

- **GetIsCollapsed**
Gets if the panel is collapsed

Example

```
Print SwfWindow("Form1").SwfObject("expandablePanel1").GetIsCollapsed
```

- **GetIsExpand**
Example

```
Print SwfWindow("Form1").SwfObject("expandablePanel1").GetIsExpanded
```

- **SetExpand**
Sets the expanded state

Parameters

index

The value to set. If true, the panels expanded state is set to expanded. Otherwise the expanded state is set to collapsed.

Example

```
SwfWindow("Form1").SwfObject("expandablePanel1").SetExpand False  
SwfWindow("Form1").SwfObject("expandablePanel1").SetExpand True
```

14. DotNetBar.ExpandableSplitter

- **Click**
Performs a click

Example

```
SwfWindow("Form1").SwfObject("expandableSplitter1").Click
```

- **Collapse**
Collapses the panel

Example

```
SwfWindow("Form1").SwfObject("expandableSplitter1").Collapse
```

- **Expand**
Expands the panel

Example

```
SwfWindow("Form1").SwfObject("expandableSplitter1").Expand
```

- **GetIsCollapsed**
Get if control is collapsed

Example

```
Print SwfWindow("Form1").SwfObject("expandableSplitter1").GetIsCollapsed
```

- **GetIsExpanded**
Get if control is expanded

Example

```
Print SwfWindow("Form1").SwfObject("expandableSplitter1").GetIsExpanded
```

- **GetPosition**
Gets the position of the splitter

Example

```
Print SwfWindow("Form1").SwfObject("expandableSplitter1").GetPosition
```

- **SetExpand**
Sets the expand value

Parameters

isExpanded

true, panel is set to expanded; otherwise panel is set to collapsed

Example

```
SwfWindow("Form1").SwfObject("expandableSplitter1").SetExpand False  
SwfWindow("Form1").SwfObject("expandableSplitter1").SetExpand True
```

- **SetPosition**
Sets the position of the splitter

Parameters

pos

The position to set

Example

```
SwfWindow("Form1").SwfObject("expandableSplitter1").SetPosition 71
```

15. DotNetBar.ItemPanel

- **ChildClick**
Performs a click on a sub item

Parameters

path

The path to the sub item

Example

```
SwfWindow("Form1").SwfObject("itemPanel1").ChildClick "\buttonItem6"
```

■ ChildSelectByName

Selects an item of a sub item. For example "Item" can be a control of type ComboBox or ListBox and "Sub Item" is an item in the list of the ComboBox or ListBox

Parameters

path

The path to the sub item

itemName

The item to select

Example

```
SwfWindow("Form1").SwfObject("itemPanel1").ChildSelectByName "\comboBoxItem3", "comboItem11"
```

■ ChildSet

Sets the value of a sub item. For example, "Item" can be a control of type CheckBox or TextBox.

Parameters

path

The path to the sub item

value

The value to set

Example

```
SwfWindow("Form1").SwfObject("itemPanel1").ChildSet "\textBoxItem3", "abc1234"
```

■ Press

Performs a click on a sub item

Parameters

path

The path to the sub item

Example

```
SwfWindow("Form1").SwfObject("itemPanel1").Press "\buttonItem6"
```

■ Select

Selects an item of a sub item. For example "Item" can be a control of type ComboBox or ListBox and "Sub Item" is an item in the list of the ComboBox or ListBox

Parameters

path

The path to the sub item

itemName

The item to select

Example

```
SwfWindow("Form1").SwfObject("itemPanel1").Select "\comboBoxItem3", "comboItem11"
```

16. DotNetBar.LabelX

17. DotNetBar.PanelEx

- **Click**
Performs a click

Example

```
SwfWindow("Form1").SwfObject("panelEx1").Click
```

18. DotNetBar.RibbonControl

- **CheckCanSelectPage**
Checks if a page is selectable

Parameters

name

The name or text of the page.

Example

```
If SwfWindow("Form1").SwfObject("ribbonControl1").CheckCanSelectPage("New Group; ribbonTabItem2") Then
SwfWindow("Form1").SwfObject("ribbonControl1").SelectPage "New Group; ribbonTabItem2"
End If
```

The name or text of the ribbon tab page depends on its assignment to a tab page group. If the tab page belongs to a tab group then the value has to match the following format: "[TabPageGroupTitle]; [TabPageName]" otherwise the value has to contain only of the name of the page: "[TabPageName]"

- **CheckIsTabGroupVisible**
Checks if a tab page group is visible

Parameters

title

Title of the tab page group.

Example

```
Print SwfWindow("Form1").SwfObject("ribbonControl1").CheckIsTabGroupVisible("New Group")
```

Tab page groups are identified by their title (the visible text).

- **ChildClick**
Performs a click on a sub item

Parameters

path

The path to the sub item

Example

```
SwfWindow("Form1").SwfObject("ribbonControl1").ChildClick "\ribbonBar1\buttonItem58\buttonItem60\buttonItem62"
```

ChildClick performs a click on a sub item of the main control. The main control is the control which is recognized as object repository item in QTP. In this case the main control is the Ribbon control

from DevComponents. The Ribbon control can have different UI child elements in a variable, hierarchical tree structure. To make it easy to test this control, each item of it is identified by a path. This path is the value which has to be passed to the ChildClick method. Usually the path has the format: "[pageName]\[item1]\[item11]\[item112]".

■ ChildSelectByName

Selects an item of a sub item. For example "Item" can be a control of type ComboBox or ListBox and "Sub Item" is an item in the list of the ComboBox or ListBox

Parameters

path

The path to the sub item

itemName

The item to select

Example

```
SwfWindow("Form1").SwfObject("ribbonControl1").ChildSelectByName "\ribbonBar2\comboBoxItem8", "comboBox22"
```

■ ChildSet

Sets the value of a sub item. For example, "Item" can be a control of type CheckBox or TextBox.

Parameters

path

The path to the sub item

value

The value to set

Example

```
SwfWindow("Form1").SwfObject("ribbonControl1").ChildSet "\ribbonBar1\checkboxItem6", "ON"
```

■ GetPageIndexByName

Gets the index of a page by its name.

Parameters

name

The name of the page.

Example

```
Print SwfWindow("Form1").SwfObject("ribbonControl1").GetPageIndexByName("New Group2; ribbonTabItem4")
```

■ GetPageNameByIndex

Gets the name of a page by its index.

Parameters

index

The index of the page.

Example

```
Print SwfWindow("Form1").SwfObject("ribbonControl1").GetPageNameByIndex(2)
```

■ GetSelectedPageName

Gets the name of the selected page.

Example

```
Print SwfWindow("Form1").SwfObject("ribbonControl1").GetSelectedPageName
```

The name or text of the ribbon tab page depends on its assignment to a tab page group. If the tab page belongs to a tab group then the value has to match the following format: "[TabPageGroupName]; [TabPageName]" otherwise the value has to contain only of the name of the page: "[TabPageName]"

■ SelectPage

Selects a page

Parameters

page

The name, text or index of the page.

Example

```
Dim ribCtl
Set ribCtl = SwfWindow("Form1").SwfObject("ribbonControl1")
'Change selected page to "ribbonTabItem2" in tab page group "New Group"
ribCtl.SelectPage "New Group; ribbonTabItem2"

'Change selected page to "ribbonTabItem1"
ribCtl.SelectPage "ribbonTabItem1"

'Change selected page to page with index 1
ribCtl.SelectPage 1
```

The name or text of the ribbon tab page depends on its assignment to a tab page group. If the tab page belongs to a tab group then the value has to match the following format: "[TabPageGroupName]; [TabPageName]" otherwise the value has to contain only of the name of the page: "[TabPageName]"

■ SelectPageByIndex

Selects a page

Parameters

index

The index of the page.

Example

```
Dim ribCtl
Set ribCtl = SwfWindow("Form1").SwfObject("ribbonControl1")

'Change selected page to page with index 1
ribCtl.SelectPageByIndex 1
```

■ SelectPageByName

Selects a page

Parameters

name

The name or text of the page.

Example

```
Dim ribCtl
Set ribCtl = SwfWindow("Form1").SwfObject("ribbonControl1")

'Change selected page to "ribbonTabItem2" in tab page group "New Group"
ribCtl.SelectPageByName "New Group; ribbonTabItem2"
```

```
'Change selected page to "ribbonTabItem5"
ribCtl.SelectPageByName "ribbonTabItem5"
```

The name or text of the ribbon tab page depends on its assignment to a tab page group. If the tab page belongs to a tab group then the value has to match the following format: "[TabPageGroupTitle]; [TabPageName]" otherwise the value has to contain only of the name of the page: "[TabPageName]"

19. DotNetBar.SideBar

- **ChildClick**
Performs a click on a sub item

Parameters

path
The path to the sub item

itemName
The sub items name

Example

```
SwfWindow("Form1").SwfObject("sideBar1").ChildClick "\sideBarPanelItem1\buttonItem8"
SwfWindow("Form1").SwfObject("sideBar1").ChildClick
"\sideBarPanelItem1\buttonItem7\buttonItem19\buttonItem30\buttonItem33"
```

- **ChildSelectByName**
Selects an item of a sub item

Parameters

path
The path to the sub item

itemName
The item to select

Example

```
SwfWindow("Form1").SwfObject("itemPanel1").Select "\comboBoxItem3", "comboItem14"
```

- **ChildSet**
Sets the value of a sub item

Parameters

path
The path to the sub item

value
The value to set

Example

```
SwfWindow("Form1").SwfObject("sideBar1").ChildSet "\sideBarPanelItem1\checkBoxItem2", "ON"
SwfWindow("Form1").SwfObject("sideBar1").ChildSet "\sideBarPanelItem1\checkBoxItem2", "OFF"
```

- **ClickPanel**
Selects a panel

Parameters

path
panel name

Example

```
SwfWindow("Form1").SwfObject("sideBar1").ClickPanel "sideBarPanelItem3"
```

20. DotNetBar.TabControl

■ CloseByIndex

Closes a tab page

Parameters

index
The index of the tab page to close

Example

```
SwfWindow("Form1").SwfObject("tabControl1").CloseByIndex 0
```

■ CloseByName

Closes a tab page

Parameters

value
The name of the tab page to close

Example

```
SwfWindow("Form1").SwfObject("tabControl1").CloseByName "tabItem4"
```

■ CloseSelectedTab

Closes the selected tab page

Example

```
SwfWindow("Form1").SwfObject("tabControl1").CloseSelectedTab
```

■ Count

Gets the count of tab pages

Example

```
Print SwfWindow("Form1").SwfObject("tabControl1").Count
```

■ GetIndexByName

Gets the index of a tab page

Parameters

name
The name of the tab page

Example

```
Print SwfWindow("Form1").SwfObject("tabControl1").GetIndexByName("tabItem4")
```

■ GetNameByIndex

Gets the name of a tab page

Parameters

index

The index of the tab page

Example

```
Print SwfWindow("Form1").SwfObject("tabControl1").GetNameByIndex ("1")
```

■ GetSelectedIndex

Gets the index of the selected tab page

Example

```
Print SwfWindow("Form1").SwfObject("tabControl1").GetSelectedIndex
```

■ GetSelectedName

Gets the name of the selected tab page

Example

```
Print SwfWindow("Form1").SwfObject("tabControl1").GetSelectedName
```

■ ItemNames

Gets a list of tab page names

Example

```
Dim itemName
For Each itemName in SwfWindow("Form1").SwfObject("tabControl1").ItemNames
Print itemName
Next

Dim i
For i = 0 To SwfWindow("Form1").SwfObject("tabControl1").Count - 1
Print SwfWindow("Form1").SwfObject("tabControl1").ItemNames.Item(i)
Next
```

■ NavigateBack

Performs the NavigateBack action

Example

```
SwfWindow("Form1").SwfObject("tabControl1").NavigateBack
```

■ NavigateForward

Performs the NavigateForward action

Example

```
SwfWindow("Form1").SwfObject("tabControl1").NavigateForward
```

■ PageExist

Example

```
If SwfWindow("Form1").SwfObject("tabControl1").PageExists("tabItem4") Then
SwfWindow("Form1").SwfObject("tabControl1").SelectByName "tabItem4"
End If
```

■ Select

Selects a tab page

Parameters

name

The name of the tab page

Example

```
SwfWindow("Form1").SwfObject("tabControl1").Select "tabItem3"
```

■ SelectByIndex

Selects a tab page

Parameters

index

The index of the tab page

Example

```
SwfWindow("Form1").SwfObject("tabControl1").SelectByIndex 0
```

■ SelectByName

Selects a tab page

Parameters

name

The name of the tab page

Example

```
SwfWindow("Form1").SwfObject("tabControl1").SelectByName "tabItem4"
```

21. Editors.IntegerInput

■ ClearValue

Clears the current value

Example

```
SwfWindow("Form1").SwfObject("integerInput1").ClearValue
```

■ ClickClear

Performs a click on the ClearButton

Example

```
SwfWindow("Form1").SwfObject("integerInput1").ClickClear
```

■ ClickCustom

Performs a click on the CustomButton

Example

```
SwfWindow("Form1").SwfObject("integerInput1").ClickCustom
```

■ ClickCustom2

Performs a click on the CustomButton2

Example

```
SwfWindow("Form1").SwfObject("integerInput1").ClickCustom2
```

■ ClickDropDown

Performs a click on the DropDownButton

Example

```
SwfWindow("Form1").SwfObject("integerInput1").ClickDropDown
```

- **ClickFreeText**
Performs a click on the FreeTextButton

Example

```
SwfWindow("Form1").SwfObject("integerInput1").ClickFreeText
```

- **Decrease**
Decreases the current value

Example

```
SwfWindow("Form1").SwfObject("integerInput1").Decrease
```

- **Increase**
Increases the current value

Example

```
SwfWindow("Form1").SwfObject("integerInput1").Increase
```

- **SetValue**
Sets the value

Parameters

value
The value to set

Example

```
SwfWindow("Form1").SwfObject("integerInput1").SetValue 3
```

2. DevExpress

22. XtraBars.Controls.DockedBarControl

- **Click**
Clicks the item on toolbar with reference to the caption.

Parameters

linkCaption
Caption name of the item.

Example

```
'Perform a click on the item "button1"  
SwfWindow("DevExpress.XtraEditors").SwfEdit("buttonEdit1").Click "button1"
```

- **GetCheckItemVal**

Example

```
'Set the value of the buttonEdit1 control to "543"  
SwfWindow("DevExpress.XtraEditors").SwfEdit("buttonEdit1").Set "543"
```

The Set method sets the current value of the ButtonEdit control.

- **GetEditItemVal**

Example

```
'Set the value of the buttonEdit1 control to "543"  
SwfWindow("DevExpress.XtraEditors").SwfEdit("buttonEdit1").Set "543"
```

The Set method sets the current value of the ButtonEdit control.

■ **IsLinkEnabled**

Get value of the property 'Enabled' for a link.

Parameters

linkCaption

Caption of the link.

Example

```
'Set the value of the buttonEdit1 control to "543"
SwfWindow("DevExpress.XtraEditors").SwfEdit("buttonEdit1").Set "543"
```

The Set method sets the current value of the ButtonEdit control.

■ **IsLinkVisible**

Get value of the property 'Visible' for a link.

Parameters

linkCaption

Caption of the link.

Example

```
'Set the value of the buttonEdit1 control to "543"
SwfWindow("DevExpress.XtraEditors").SwfEdit("buttonEdit1").Set "543"
```

The Set method sets the current value of the ButtonEdit control.

■ **Popup**

Popup a listbox for combo box.

Parameters

itemCaption

Caption of the item.

Example

```
'Set the value of the buttonEdit1 control to "543"
SwfWindow("DevExpress.XtraEditors").SwfEdit("buttonEdit1").Set "543"
```

The Set method sets the current value of the ButtonEdit control.

■ **Press**

Clicks the item on toolbar with reference to the caption.

Parameters

linkCaption

Caption name of the item.

Example

```
'Set the value of the buttonEdit1 control to "543"
SwfWindow("DevExpress.XtraEditors").SwfEdit("buttonEdit1").Set "543"
```

The Set method sets the current value of the ButtonEdit control.

■ **SetCheckItemVal**

Example

```
'Set the value of the buttonEdit1 control to "543"
SwfWindow("DevExpress.XtraEditors").SwfEdit("buttonEdit1").Set "543"
```

The Set method sets the current value of the ButtonEdit control.

■ SetEditItemVal

Example

```
'Set the value of the buttonEdit1 control to "543"
SwfWindow("DevExpress.XtraEditors").SwfEdit("buttonEdit1").Set "543"
```

The Set method sets the current value of the ButtonEdit control.

23. XtraBars.Docking.AutoHideContainer

■ SelectTab

Selects a tab page

Parameters

value

The displayed text of the tab page to select

Example

```
'Select the tab page with the displayed text "dockPanel7"
SwfWindow("Form1").SwfObject("SwfObject").SelectTab "dockPanel7"
```

24. XtraBars.Docking.DockPanel

■ DbIClick

Perform a double click on the caption of the panel

Example

```
'Performs a double click on the caption of panel with text "dockPanel3"
SwfWindow("Form1").SwfWindow("dockPanel3").DbIClick
```

■ GetActiveDockPanelInfo

Example

```
'PrintPanelInfo prints properties of a DockPanelInfo structure
Sub PrintPanelInfo( dpi )
Print "Name='" & dpi.PanelName & "'; IsTabbed=" & dpi.IsTabbed & "; DockStyle=" & dpi.DockStyle & "; Guid=" &
dpi.Guid
If Not dpi.SavedParent Is Nothing Then
Print "SavedParent='" & dpi.SavedParent.PanelName & "'"
End If
If Not dpi.ParentPanelInfo Is Nothing Then
Print "Parent='" & dpi.ParentPanelInfo.PanelName & "'"
End If
End Sub

'Print information of the current active panel
Set dpi = SwfWindow("Form1").SwfObject("dockPanel4").GetActiveDockPanelInfo()
PrintPanelInfo dpi
```

The returned data is of type "DockPanelInfo". The DockPanelInfo structure has the following Properties. PanelName: type=string; content=holds the name of the panel; DockStyle: type=string; content=holds the dockstyle value of the panel; IsTabbed: type=bool; content=true, if panel is tabbed; otherwise false; ParentPanelInfo: type=DockPanelInfo; content=holds information

of the parent panel if set, otherwise null/nothing; SavedParent: type=DockPanelInfo; content=holds information of the previous parent panel if set, otherwise null/nothing;

■ GetDock

Gets the dock style

Example

```
'Returns the current dock style of "dockPanel3"
Dim dockStyle
dockStyle = SwfWindow("Form1").SwfWindow("SwfWindow").SwfWindow("dockPanel3").GetDock
Print dockStyle
'Output: "Float"
```

■ GetDockPanelInfos

Example

```
'PrintPanelInfo prints properties of a DockPanelInfo structure
Sub PrintPanelInfo( dpi )
Print "Name=" & dpi.PanelName & "; IsTabbed=" & dpi.IsTabbed & "; DockStyle=" & dpi.DockStyle & "; Guid=" &
dpi.Guid
If Not dpi.SavedParent Is Nothing Then
Print "SavedParent=" & dpi.SavedParent.PanelName & ""
End If
If Not dpi.ParentPanelInfo Is Nothing Then
Print "Parent=" & dpi.ParentPanelInfo.PanelName & ""
End If
End Sub

'Get all available panel infos
Dim dpiList
Dim dpi
Set dpiList = SwfWindow("Form1").SwfObject("dockPanel4").GetDockPanelInfos()
For Each dpi in dpiList
PrintPanelInfo dpi
Next
```

The returned data is a list of item type "DockPanelInfo". The DockPanelInfo structure has the following Properties. PanelName: type=string; content=holds the name of the panel; DockStyle: type=string; content=holds the dockstyle value of the panel; IsTabbed: type=bool; content=true, if panel is tabbed; otherwise false; ParentPanelInfo: type=DockPanelInfo; content=holds information of the parent panel if set, otherwise null/nothing; SavedParent: type=DockPanelInfo; content=holds information of the previous parent panel if set, otherwise null/nothing;

■ SelectTab

Selects a tab page

Parameters

value

The displayed text of the tab page to select

Example

```
'Select the tab page with the displayed text "dockPanel7"
SwfWindow("Form1").SwfObject("panelContainer1").SelectTab "dockPanel7"
```

■ SetAutoHide

Sets the AutoHide property

Parameters

value

"ON" to enable auto hide; "OFF" to disable auto hide

Example

```
'Hide the docked panel container
SwfWindow("Form1").SwfObject("panelContainer1").SetAutoHide "ON"
```

■ SetDock

Sets the dock style

Parameters

dockStyle

The dock style to set (possible values: "Left", "Top", "Right", "Bottom", "Float" and "Fill")

panelToTabTo

The name of the panel to dock to (for tabbed mode)

Example

```
'Sets the dock panel "dockPanel3" to dock style "Float"
SwfWindow("Form1").SwfWindow("dockPanel3").SetDock "Float"
```

```
'Sets the dock panel "dockPanel5" to dock style "Right"
'and insert it as Tab to the already docked panel "dockPanel4"
SwfWindow("Form1").SwfWindow("SwfWindow").SwfWindow("dockPanel5").SetDock "Right", "dockPanel4"
```

25. XtraBars.Ribbon.BackstageViewControl

■ ClickButton

Performs a click on a button

Parameters

caption

The displayed text of the button to click

Example

```
'Perform a click on the button with text "Save"
SwfWindow("New Document 1 - Ribbon").SwfWindow("SwfWindow").SwfToolbar("backstageViewControl1").ClickButton "Save"
```

■ GetButtonNames

Get a string array with the captions of all buttons. Access single item with object.Item(index).

Example

```
'Prints all available Button names
Set btnNames = SwfWindow("New Document 1 -
Ribbon").SwfWindow("SwfWindow").SwfToolbar("backstageViewControl1").GetButtonNames()
For Each btnName in btnNames
Print "ButtonName: " & btnName
Next
```

■ GetTabNames

Get a string array with the captions of all TabHeaders. Access single item with object.Item(index).

Example

```
'Prints all available Tab names
Set tabNames = SwfWindow("New Document 1 -
Ribbon").SwfWindow("SwfWindow").SwfToolbar("backstageViewControl1").GetTabNames()
For Each tabName in tabNames
Print "TabName: " & tabName
Next
```

■ SelectTab

Performs a click on a TabHeader

Parameters

caption

The displayed text of the TabHeader to click

Example

```
'Performs a click on the TabHeader "Print"
SwfWindow("New Document 1 - Ribbon").SwfWindow("SwfWindow").SwfToolBar("backstageViewControl1").SelectTab "Print"
```

26. XtraBars.Ribbon.RibbonControl

■ ClickItem

Performs a click on an item

Parameters

item

The displayed text of the item to click

arg2

If the given item is a gallery you can define "Up" or "Down" to click the corresponding gallery buttons.

Example

```
'Perform a click on the item with text "barButtonItem13"
'which, for example is located in the currently selected ribbon tab page
SwfWindow("New Document 1 - Ribbon").SwfObject("ribbonControl1").ClickItem "barButtonItem13"

'Perform a click on the item with the text "barSubItem2"
'which, for example is located in a currently visible context or sub menu
SwfWindow("New Document 1 - Ribbon").SwfObject("ribbonControl1").ClickItem "barSubItem2"

'Perform a click the item with text "barSubItem1"
'which is located in the QuickAccessToolBar of the ribbon control
SwfWindow("New Document 1 - Ribbon").SwfObject("ribbonControl1").ClickItem "QuickToolBar\barSubItem1"

'Perform a click on the application button of the ribbon control
SwfWindow("New Document 1 - Ribbon").SwfObject("ribbonControl1").ClickItem "ApplicationButton"

'Perform a click on the page group caption button of the page group with the displayed text "Fonts"
'of the currently selected ribbon page
SwfWindow("New Document 1 - Ribbon").SwfObject("ribbonControl1").ClickItem "PageGroupCaption(Font)"
```

■ DropDownItem

Performs a click on an item, so that its drop down control is shown.

Parameters

item

The displayed text of the item to click

arg2

Optional.

Example

```
'Performs a click on the drop down part of the visible item "Font Color"
SwfWindow("New Document 1 - Ribbon").SwfObject("ribbonControl1").DropDownItem "Font Color"

'Perform a click on the drop down button of the item (gallery) with the displayed text "Color"
'which is located in the page group "Font Color" in the currently selected ribbon page.
SwfWindow("New Document 1 - Ribbon").SwfObject("ribbonControl1").DropDownItem "PageGroup(Font Color)\Color"
```

■ GalleryItemClick

Performs a click on a visible gallery item

Parameters

name

The displayed text of the gallery item to click.

p2

Optional.

Example

```
'Example 1:
'Perform a click on the gallery item with the displayed text "Black"
'which is located in the InRibbonGallery "Skins" in the page group "Skins"
'of the currently selected ribbon page
SwfWindow("New Document 1 - Ribbon").SwfObject("ribbonControl1").GalleryItemClick "PageGroup(Skins)\Skins","Black"

'Example 2:
'Perform a click on the drop down button of the item (gallery) with the displayed text "Color"
'which is located in the page group "Font Color" in the currently selected ribbon page.
SwfWindow("New Document 1 - Ribbon").SwfObject("ribbonControl1").DropDownItem "PageGroup(Font Color)\Color"
'>> After the previous action the drop down control of the subjected gallery is visible

'Perform a click on the gallery item with the displayed text "WhiteSmoke"
'which is located in the currently visible DropDownGallery
SwfWindow("New Document 1 - Ribbon").SwfObject("ribbonControl1").GalleryItemClick "WhiteSmoke"
```

■ HoverItem

Moves the mouse cursor over an item

Parameters

item

The displayed text of the item to click

wait

True, if should be waited for the current AutoPopup interval

Example

```
'Move the mouse cursor over the item with the text "barSubItem2" and wait
'which is currently visible (in a context or sub menu)
SwfWindow("New Document 1 - Ribbon").SwfObject("ribbonControl1").HoverItem "barSubItem2",True
```

■ SelectPage

Selects a page

Parameters

name

The displayed text of the ribbon page to select.

Example

```
'Select the ribbon page with the displayed text "Gallery Page" by performing a click
SwfWindow("New Document 1 - Ribbon").SwfObject("ribbonControl1").SelectPage "Gallery Page"
```

27. XtraCharts.ChartControl

■ ClearSelection

Clears the selection

■ Select

Selects an element

Parameters

series

The name of the series

point

The point

- **SelectionEnabled**

Gets if the selection of elements is enabled

- **SelectionMode**

Gets the name of the selection mode

- **SetScrollPosition**

Sets the scroll position

Parameters

rangeMin

Minimum range

rangeMax

Maximum range

orientation

"Vertical" or "Horizontal"

- **SetZoomPosition**

Sets the zoom position

Parameters

rangeXMin

Minimum X value of the range

rangeXMax

Maximum X value of the range

rangeYMin

Minimum Y value of the range

rangeYMax

Maximum Y value of the range

28. [XtraEditors.ButtonEdit](#)

- **Click**

Performs a click on a button

Parameters

name

The name (caption or kind) of the button to click

Example

```
'Perform a click on the "Ellipsis" button of the buttonEdit1 control
```

```
SwfWindow("DevExpress.XtraEditors").SwfEdit("buttonEdit1").Click "Ellipsis"
```

```
'Perform a click on the Glyph Button "B" of the buttonEdit1 control
SwfWindow("DevExpress.XtraEditors").SwfEdit("buttonEdit1").Click "B"
```

The ButtonEdit control supports additional buttons which can be used. The click operation on these buttons are recorded and replayd via this Click method which requires one parameter that identifies the button. The parameter is a string value which specifies the type of the button (for example "Ellipsis"). Additionally the ButtonEdit control supports a button of type Glyph which can have a custom string value. If this button is subject of the Click operation then the text of the button is used (not the type name "Glyph").

- **Set**
Sets the value

Parameters

text
The value to set

Example

```
'Set the value of the buttonEdit1 control to "543"
SwfWindow("DevExpress.XtraEditors").SwfEdit("buttonEdit1").Set "543"
```

The Set method sets the current value of the ButtonEdit control.

29. XtraEditors.CalcEdit

- **ClosePopup**
Hides the popup

Example

```
SwfWindow("DevExpress.XtraEditors").SwfEdit("calcEdit1").ClosePopup
```

- **Popup**
Shows the popup

Example

```
SwfWindow("DevExpress.XtraEditors").SwfEdit("calcEdit1").Popup
```

30. XtraEditors.CheckEdit

- **Get**
Gets the check state of the check box

Example

```
'Get the current check state and print it
Dim checkState
checkState = SwfWindow("DevExpress.XtraEditors").SwfCheckBox("checkEdit1").Get()
Print checkState
```

- **GetCheckState**
Gets the check state of the check box

Example

```
'Get the current check state and print it
```

```
Dim checkState
checkState = SwfWindow("DevExpress.XtraEditors").SwfCheckBox("checkEdit1").GetCheckState()
Print checkState
```

- **Set**
Sets the check state of the check box

Parameters

value
Check State: ON, OFF, DIMMED

Example

```
'Set checked state to checked
SwfWindow("DevExpress.XtraEditors").SwfCheckBox("checkEdit1").Set "ON"

'Set checked state to indeterminate
SwfWindow("DevExpress.XtraEditors").SwfCheckBox("checkEdit1").Set "DIMMED"

'Set checked state to unchecked
SwfWindow("DevExpress.XtraEditors").SwfCheckBox("checkEdit1").Set "OFF"
```

31. XtraEditors.CheckedListBoxControl

- **Count**
Get number of items

Example

```
Dim cnt
cnt = SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").Count
Print "The number of items in the list control checkedListBoxControl1: " & cnt
```

- **GetItemIndex**
Gets the index of an item

Parameters

index
The index of the item

Example

```
Dim itemIndex
itemIndex = SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").GetItemIndex("D")
Print "The 0-based index of the first found item with name (displayed text) 'D' is: " & itemIndex
```

- **GetItemName**
Gets the name of an item

Parameters

index
The index of the item

Example

```
Dim itemName
itemName = SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").GetItemName( 3 )
Print "The items name (displayed text) at 0-based index 3 is: " & itemName
```

- **ItemNames**
Get a string array with the captions of all items. Access single item with object.Item(index).

Example

```
'Get the collection object
Dim itemNameCollection
Set itemNameCollection = SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").ItemNames

'Enumerate the collection with the enumerator */
Dim itemName
For Each itemName in itemNameCollection
Print itemName
Next

'Enumerate the collection by index */
Dim i
For i = 0 To itemNameCollection.Count - 1
Print itemNameCollection.Item(i)
Next
```

■ SelectByIndex

Sets the current selected item

Parameters

index

The 0-based index of the item which should be selected

Example

```
'Selects the fourth item in the list (0-based index)
SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").SelectByIndex 3
```

■ SelectByName

Sets the current selected item

Parameters

name

The name of the item which should be selected

Example

```
'Selects the first item with the displayed text "B"
SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").SelectByName "B"
```

■ Set

Sets the CheckState of an item

Parameters

item

The 0-based index or the name of the item change

value

The CheckState to be set

Example

```
'Sets the checked state of the first found item with displayed text "B" to checked
SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").Set "B", "ON"
```

```
'Sets the checked state of the fourth item (0-based index) to checked
SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").Set 3, "ON"
```

■ SetByIndex

Sets the CheckState of an item

Parameters

index

The 0-based index of the item change

value

The CheckState to be set

Example

```
'Sets the checked state of the fourth item (0-based index) to checked
SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").SetByIndex 3, "ON"

'Sets the checked state of the fourth item (0-based index) to unchecked
SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").SetByIndex 3, "OFF"

'Sets the checked state of the fourth item (0-based index) to indeterminate
SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").SetByIndex 3, "DIMMED"
```

■ SetByName

Sets the CheckState of an item

Parameters

name

The name of the item to change

value

The CheckState to be set

Example

```
'Sets the checked state of the first found item with displayed text "B" to checked
SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").SetByName "B", "ON"

'Sets the checked state of the first found item with displayed text "B" to unchecked
SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").SetByName "B", "OFF"

'Sets the checked state of the first found item with displayed text "B" to indeterminate
SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").SetByName "B", "DIMMED"
```

32. XtraEditors.ComboBoxEdit

■ Popup

Show the popup

Example

```
'Shows the popup
SwfWindow("DevExpress.XtraEditors").SwfListView("comboBoxEdit1").Popup
```

33. XtraEditors.DataNavigator

■ Click

Performs a click on the given button

Parameters

buttonName

Name of the button to click: possible values: Next, ...

Example

```
'Click Next-Button
SwfWindow("DevExpress.XtraEditors").SwfToolBar("dataNavigator1").Click "Next"

'Click NextPage-Button
```

```
SwfWindow("DevExpress.XtraEditors").SwfToolbar("dataNavigator1").Click "NextPage"

'Click Last-Button
SwfWindow("DevExpress.XtraEditors").SwfToolbar("dataNavigator1").Click "Last"

'Click Prev-Button
SwfWindow("DevExpress.XtraEditors").SwfToolbar("dataNavigator1").Click "Prev"

'Click PrevPage-Button
SwfWindow("DevExpress.XtraEditors").SwfToolbar("dataNavigator1").Click "PrevPage"

'Click First-Button
SwfWindow("DevExpress.XtraEditors").SwfToolbar("dataNavigator1").Click "First"

'Click Append-Button
SwfWindow("DevExpress.XtraEditors").SwfToolbar("dataNavigator1").Click "Append"

'Click Remove-Button
SwfWindow("DevExpress.XtraEditors").SwfToolbar("dataNavigator1").Click "Remove"

'Click EndEdit-Button
SwfWindow("DevExpress.XtraEditors").SwfToolbar("dataNavigator1").Click "EndEdit"

'Click CancelEdit-Button
SwfWindow("DevExpress.XtraEditors").SwfToolbar("dataNavigator1").Click "CancelEdit"
```

■ **GetRecordCount**

Gets the count of records

Example

```
'Print the count of records
Print SwfWindow("DevExpress.XtraEditors").SwfToolbar("dataNavigator1").GetRecordCount()
```

■ **GetRecordIndex**

Gets the index of the current record

Example

```
'Print the current index position
Print SwfWindow("DevExpress.XtraEditors").SwfToolbar("dataNavigator1").GetRecordIndex()
```

34. XtraEditors.DateEdit

■ **CloseUp**

Example

```
'Hides the popup editor of the DateEdit control
SwfWindow("DevExpress.XtraEditors").SwfListView("dateEdit1").ClosePopup
```

■ **Popup**

Shows the popup

Example

```
'Shows the popup editor of the DateEdit control
SwfWindow("DevExpress.XtraEditors").SwfListView("dateEdit1").Popup
```

■ **Set**

Sets the text

Parameters

value

The text (date) to set

Example

```
'Sets the date value in the correct format according to the current culture (Germany)
'to the 8th day of month 12 of the year 2011
SwfWindow("DevExpress.XtraEditors").SwfEdit("dateEdit1").Set "08.12.2011"
```

35. XtraEditors.GroupControl

36. XtraEditors.ImageListBoxControl

■ SelectByIndex

Select an item of the list box

Parameters

value

zero-based index of the item to select

Example

```
'Selects the fourth item in the list (0-based index)
SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").SelectByIndex 3
```

■ SelectByName

Select an item of the list box

Parameters

value

caption of the item to select

Example

```
'Selects the first item with the displayed text "image1"
SwfWindow("DevExpress.XtraEditors").SwfListView("checkedListBoxControl1").SelectByName "image1"
```

37. XtraEditors.LabelControl

■ Click

Performs a click

Example

```
'Perform a click on the LabelControl "The LabelControl"
SwfWindow("DevExpress.XtraEditors").SwfObject("The LabelControl").Click
```

38. XtraEditors.LookUpEdit

■ ClosePopup

Hides the popup

Example

```
'Hide the popup if it is shown
SwfWindow("DevExpress.XtraEditors").SwfEdit("lookUpEdit1").ClosePopup
```

■ Popup

Shows the popup

Example

```
'Show the popup
SwfWindow("DevExpress.XtraEditors").SwfEdit("lookUpEdit1").Popup
```

- **Set**
Sets the text

Parameters

value
The text to set

Example

```
'Set the text to "2, B"
SwfWindow("DevExpress.XtraEditors").SwfEdit("lookUpEdit1").Set "2, B"
```

39. XtraEditors.MemoEdit

- **Click**
Performs a mouse click

Example

```
'Perform a click
SwfWindow("DevExpress.XtraEditors").SwfEdit("memoEdit1").Click
```

- **Press**
Performs a mouse click

Example

```
'Perform a click
SwfWindow("DevExpress.XtraEditors").SwfEdit("memoEdit1").Press
```

- **Set**
Sets the text

Parameters

value
The text to set

Example

```
'Set the text to "new text"
SwfWindow("DevExpress.XtraEditors").SwfEdit("memoEdit1").Set "new text"
```

40. XtraEditors.PictureEdit

- **Click**
Performs a click

Example

```
'Perform a click
SwfWindow("DevExpress.XtraEditors").SwfObject("pictureEdit1").Click
```

- **Popup**
Performs right click to show popup

Example

```
'Show the popup
SwfWindow("DevExpress.XtraEditors").SwfObject("pictureEdit1").Popup
```

Showing the popup is based on simulating a click with the right mouse button.

- **Press**
Performs a click

Example

```
'Perform a click
SwfWindow("DevExpress.XtraEditors").SwfObject("pictureEdit1").Click
```

41. XtraEditors.Popup.PopupListBox

- **Count**
Get number of items

Example

```
'Shows the popup of the combo box "comboBoxEdit1"
SwfWindow("DevExpress.XtraEditors").SwfComboBox("comboBoxEdit1").Popup

'Get the count of items and print it
Dim numberOfItems
numberOfItems = SwfWindow("SwfWindow").SwfWindow("SwfWindow").Count
Print numberOfItems
```

- **GetItemIndex**
Gets the index of an item

Parameters

index
The index of the item

Example

```
'Shows the popup of the combo box "comboBoxEdit1"
SwfWindow("DevExpress.XtraEditors").SwfComboBox("comboBoxEdit1").Popup

'Get the index of the item with name "Item 2" and print it
Dim itemIndex
itemIndex = SwfWindow("SwfWindow").SwfWindow("SwfWindow").GetItemIndex( "Item 2" )
Print itemIndex
```

- **GetItemName**
Gets the name of an item

Parameters

index
The index of the item

Example

```
'Shows the popup of the combo box "comboBoxEdit1"
SwfWindow("DevExpress.XtraEditors").SwfComboBox("comboBoxEdit1").Popup

'Get the name of the item at 0-based index 1 and print it
Dim itemName
itemName = SwfWindow("SwfWindow").SwfWindow("SwfWindow").GetItemName( 1 )
Print itemName
```

- **ItemNames**
Get a string array with the captions of all items. Access single item with object.Item(index).

Example

```
'Shows the popup of the combo box "comboBoxEdit1"
SwfWindow("DevExpress.XtraEditors").SwfComboBox("comboBoxEdit1").Popup

'At this point the combobox' popup is shown as separate window and therefore
```

```
'as separate item in the QTP repository.
'To read the available items have a look at the next lines of code

'Get the collection object
Dim itemNameCollection
Set itemNameCollection = SwfWindow("SwfWindow").SwfWindow("SwfWindow").ItemNames

'Enumerate the collection with the enumerator
Dim itemName
For Each itemName in itemNameCollection
Print itemName
Next

'Enumerate the collection by index
Dim i
For i = 0 To itemNameCollection.Count - 1
Print itemNameCollection.Item(i)
Next
```

■ **SelectByIndex**

Select an item of the list box

Parameters

value

zero-based index of the item to select

Example

```
'Shows the popup of the combo box "comboBoxEdit1"
SwfWindow("DevExpress.XtraEditors").SwfComboBox("comboBoxEdit1").Popup

'Select the item with 0-based index 1 of the shown popup control
SwfWindow("SwfWindow").SwfWindow("SwfWindow").SelectByIndex 1
```

■ **SelectByName**

Select an item of the list box

Parameters

value

caption of the item to select

Example

```
'Shows the popup of the combo box "comboBoxEdit1"
SwfWindow("DevExpress.XtraEditors").SwfComboBox("comboBoxEdit1").Popup

'Select the item "Item 2" of the shown popup control
SwfWindow("SwfWindow").SwfWindow("SwfWindow").SelectByName "Item 2"
```

42. **XtraEditors.PopupContainerEdit**

■ **Popup**

Popup the list for selecting a value.

43. **XtraEditors.RadioGroup**

■ **Count**

Get number of radio buttons

Example

```
'Get the count of items and print it
Dim numberOfItems
numberOfItems = SwfWindow("DevExpress.XtraEditors").SwfRadioButton("radioGroup1").Count
```

```
Print numberOfItems
```

- **ItemNames**
Get a string array with the captions of all radio buttons

Example

```
'Get the collection object
Dim itemNameCollection
Set itemNameCollection = SwfWindow("DevExpress.XtraEditors").SwfRadioButton("radioGroup1").ItemNames

'Enumerate the collection with the enumerator
Dim itemName
For Each itemName in itemNameCollection
Print itemName
Next

'Enumerate the collection by index
Dim i
For i = 0 To itemNameCollection.Count - 1
Print itemNameCollection.Item(i)
Next
```

- **SelectByIndex**
Select an item of the radio button group

Parameters

value
zero-based index of the radio button to select

Example

```
'Select the item with 0-based index 3
SwfWindow("DevExpress.XtraEditors").SwfRadioButton("radioGroup1").SelectByIndex 3
```

- **SelectByName**
Select an item of the radio button group

Parameters

value
caption of the radio button to select

Example

```
'Select the item with the name "RadioItem2"
SwfWindow("DevExpress.XtraEditors").SwfRadioButton("radioGroup1").SelectByName "RadioItem2"
```

44. XtraEditors.SimpleButton

- **Click**
Performs a click

Example

```
'Perform a click on the button "SimpleButton"
SwfWindow("DevExpress.XtraEditors").SwfObject("SimpleButton").Click
```

45. XtraEditors.SplitContainerControl

- **CollapsePanel**
Collapses an expanded panel

Parameters

panel

The text of the panel to collapse

Example

```
'Collapse the panel "Panel 1"
SwfWindow("DevExpress.XtraEditors").SwfWindow("splitContainerControl1").CollapsePanel "Panel1"
```

■ ExpandPanel

Expands a collapsed panel

Parameters

panel

The text of the panel to expand

Example

```
'Expand the panel "Panel 1"
SwfWindow("DevExpress.XtraEditors").SwfWindow("splitContainerControl1").ExpandPanel "Panel1"
```

■ GetCollapsePanel

Gets the collapsable Panel. If no panel is set the return value is an empty string.

Example

```
'Get the name of the panel that is set as the collapsable panel and print its name.
Dim collapsedPanel
collapsedPanel = SwfWindow("DevExpress.XtraEditors").SwfWindow("splitContainerControl1").GetCollapsePanel()
Print collapsedPanel
```

■ GetIsCollapsed

Checks if the panel is collapsed

Parameters

panel

The text of the panel which should be checked.

Example

```
'Get if the collapsable panel is collapsed and print the result
Dim panelIsCollapsed
panelIsCollapsed = SwfWindow("DevExpress.XtraEditors").SwfWindow("splitContainerControl1").GetIsCollapsed()
Print panelIsCollapsed
```

■ GetSplitterPosition

Gets the current position of the splitter

Example

```
'Get the splitters position and print it
Dim splitterPos
splitterPos = SwfWindow("DevExpress.XtraEditors").SwfWindow("splitContainerControl1").GetSplitterPosition()
Print splitterPos
```

■ SetSplitterPosition

Sets the position of the splitter

Parameters

value

The new position of the splitter

Example

```
'Set the splitters position to 69
SwfWindow("DevExpress.XtraEditors").SwfWindow("splitContainerControl1").SetSplitterPosition 69
```

46. XtraEditors.SplitterControl

■ GetSplitterPosition

Gets the current position of the splitter

Example

```
'Get the current position of the splitter position and print it
Dim splitterPos
splitterPos = SwfWindow("DevExpress.XtraEditors").SwfObject("splitterControl1").GetSplitterPosition()
Print splitterPos
```

■ SetSplitterPosition

Sets the position of the splitter

Parameters

value

The new position of the splitter

Example

```
'Set the position of the splitter to 67
SwfWindow("DevExpress.XtraEditors").SwfObject("splitterControl1").SetSplitterPosition 67
```

47. XtraEditors.TextEdit

■ Click

Performs a mouse click

Example

```
'Perform a click
SwfWindow("DevExpress.XtraEditors").SwfEdit("textEdit1").Click
```

■ Set

Sets the text

Parameters

value

The text to set

Example

```
'Set the text to "new text"
SwfWindow("DevExpress.XtraEditors").SwfEdit("textEdit1").Set "new text"
```

48. XtraEditors.TimeEdit

■ Set

Sets the text

Parameters

value

The text (date) to set

Example

```
'Set the time according to the current culture (German)
SwfWindow("DevExpress.XtraEditors").SwfEdit("timeEdit1").Set "02:00:00"
```

```
'Because in MS .Net a time structure has both the date and the time part you can also use a full date value
'with respect to your local culuture settings (the example uses german date and time format)
SwfWindow("DevExpress.XtraEditors").SwfEdit("timeEdit1").Set "23.07.2011 04:00:00"
```

49. XtraEditors.TrackBarControl

■ Maximum

Gets the minimum value

Example

```
'Get the maximum value and print it
Dim maxValue
maxValue = SwfWindow("DevExpress.XtraEditors").SwfObject("trackBarControl1").Maximum
Print maxValue
```

■ Minimum

Gets the minimum value

Example

```
'Get the minimum value and print it
Dim minValue
minValue = SwfWindow("DevExpress.XtraEditors").SwfObject("trackBarControl1").Minimum
Print minValue
```

■ Set

Sets the control of the track bar by integer value.

Parameters

controlValue

Sets control on track bar.

Example

```
'Sets the current value to 5
SwfWindow("DevExpress.XtraEditors").SwfObject("trackBarControl1").Set 5
```

■ SetValue

Sets the control of the track bar by integer value.

Parameters

controlValue

Sets control on track bar.

Example

```
'Sets the current value to 5
SwfWindow("DevExpress.XtraEditors").SwfObject("trackBarControl1").SetValue 5
```

50. XtraEditors.XtraMessageBoxForm

■ CheckText

Check the text of the message box.

Parameters

expectedText

The expected text.

exactMatch

Search for the exact string or only check whether string is contained in displayed text.

caseSensitive

Search casesensitive or caseinsensitive

- **GetText**

Get the text of the message box.

51. XtraEditors.XtraScrollableControl

- **SetScrollPosition**

Sets the position of the scroll bar thumb.

Parameters

position

The position to set

orientation

Determines which scroll bars value to set (Possible values: "HorizontalScroll", "VerticalScroll")

Example

```
'Set the scroll postion of the vertical scroll bar to 114
SwfWindow("DevExpress.XtraEditors").SwfWindow("xtraScrollableControl1").SetScrollPosition 114,"VerticalScroll"
```

52. XtraLayout.LayoutControl

- **SetScrollPosition**

Sets the position of the scroll bar thumb.

Parameters

position

The position to set

orientation

Determines which scroll bars value to set (Possible values: "HorizontalScroll", "VerticalScroll")

Example

```
'Set the scroll postion of the vertical scroll bar to 16
SwfWindow("DevExpress.XtraEditors").SwfWindow("layoutControl1").SetScrollPosition 16,"VerticalScroll"
```

53. XtraNavBar.NavBarControl

- **ClickLink**

Performs a click on a link

Parameters

groupCaption

The caption of the group which contains the link

linkCaption

The caption of the link to click

Example

```
'Click the link "navBarItem15" in the group "navBarGroup8"
SwfWindow("Form2").SwfObject("navBarControl12").ClickLink "navBarGroup8","navBarItem15"
```

■ CollapseGroup

Collapses a group

Parameters

groupCaption

The caption of the group to collapse

Example

```
'Collapses the group "navBarGroup3"
SwfWindow("Form2").SwfObject("navBarControl11").CollapseGroup "navBarGroup3"
```

■ Count

Get the number groups of the object

Example

```
'Get the number of groups and print it
Dim groupCount
groupCount = SwfWindow("Form2").SwfObject("navBarControl11").Count
Print groupCount
```

■ ExpandGroup

Expands a group

Parameters

groupCaption

The caption of the group to expand

Example

```
'Expands the group "navBarGroup3"
SwfWindow("Form2").SwfObject("navBarControl11").ExpandGroup "navBarGroup3"
```

■ Groups

Get a list with captions of all groups of the object

Example

```
'Get the list (array) of group names
Dim navBarGroups
Set navBarGroups = SwfWindow("Form2").SwfObject("navBarControl11").Groups

'Enumerate the collection with the enumerator
Dim navBarGroup
For Each navBarGroup in navBarGroups
Print navBarGroup

Next

'Enumerate the collection by index
Dim i
For i = 0 To navBarGroups.Count - 1
Print navBarGroups.Item(i)

Next
```

■ SelectByName

Selects the nav bar group by string name.

Parameters

itemText

Selects value out of nav bar group.

Example

```
'Select (switch to) the group "navBarGroup6"
SwfWindow("Form2").SwfObject("navBarControl2").SelectByName "navBarGroup6"
```

54. XtraPivotGrid.PivotGridControl

■ ClickCell

Performs a click on a specified cell

Parameters

columnIndex

The (0-based) column index (w/o column header) of the cell to click.

rowIndex

The (0-based) row index (w/o row header) of the cell to click.

■ ColumnCount

Gets the number of columns

Example

```
'Get the number of columns and print it.
Dim colCount
colCount = SwfWindow("XtraPivotGrid Main Demo").SwfObject("pivotGridControl1").ColumnCount
Print colCount
```

■ DbClickCell

Performs a double click on a specified cell

Parameters

columnIndex

The (0-based) column index (w/o column header) of the cell to click.

rowIndex

The (0-based) row index (w/o row header) of the cell to click.

■ GetCellData

Gets the cell values of the specified column and row combinations

Parameters

column

A string or integer value specifying one or more columns

row

A string or integer value specifying one or more rows

Example

```
'Get the value of that cell which matches to the column name "Quantity Total" and the row name "Produce" first and
print it
Dim d
d = SwfWindow("XtraPivotGrid Main Demo").SwfObject("pivotGridControl1").GetCellData( "Quantity Total","Produce" )
Print d
'Output: "(ColIndex=0;RowIndex=7);297"
```

```
'Get the value of the cell at column index 0 and row index 2 (indexes are 0-based)
Dim d
d = SwfWindow("XtraPivotGrid Main Demo").SwfObject("pivotGridControl1").GetCellData( 0, 2 )
Print d
'Output: "(ColIndex=0;RowIndex=2);709"

'It is also possible to use arrays
'Get the values of rows at indexes 0 and 2 and also the first row with name "Produce" in the first column
Dim d
d = SwfWindow("XtraPivotGrid Main Demo").SwfObject("pivotGridControl1").GetCellData( Array(0),Array(0,"Produce"),2 )
Print d
'Output: "(ColIndex=0;RowIndex=0);6055(ColIndex=0;RowIndex=7);297(ColIndex=0;RowIndex=2);709"
```

GetCellData accepts different data types of arguments.

■ GetColumnData

Gets the cell values of the specified column(s)

Parameters

column

A string or integer value specifying one or more columns

Example

```
'Get all cell values of the first column and print it
Dim d
d = SwfWindow("XtraPivotGrid Main Demo").SwfObject("pivotGridControl1").GetColumnData( 0 )
Print d
'Output: (ColIndex=0);6055;1069;709;863;910;645;702;297;860;2670;7852;5913;9798;3527;7812;4654;3036;51317;

'Get all cell values of the column "Quantity Total"
Dim d
d = SwfWindow("XtraPivotGrid Main Demo").SwfObject("pivotGridControl1").GetColumnData( "Quantity Total" )
Print d
'Output: (ColIndex=0);6055;1069;709;863;910;645;702;297;860;2670;7852;5913;9798;3527;7812;4654;3036;51317;

'Get all cell values of the first matched column with name "Order Year" and of the column with index 0.
Dim d
d = SwfWindow("XtraPivotGrid Main Demo").SwfObject("pivotGridControl1").GetColumnData( Array( 0, "Order Year" ) )
Print d
'Output:
(ColIndex=0);6055;1069;709;863;910;645;702;297;860;2670;7852;5913;9798;3527;7812;4654;3036;51317;(ColIndex=0);6055;1069;709;863;910;645;702;297;860;2670;7852;5913;9798;3527;7812;4654;3036;51317;
```

■ GetRowData

Gets the cell values of the specified row(s)

Parameters

row

A string or integer value specifying one or more rows

Example

```
'Get all cell values of the first row and print it
Dim d
d = SwfWindow("XtraPivotGrid Main Demo").SwfObject("pivotGridControl1").GetRowData( 0 )
Print d
'Output: (RowIndex=0);6055;

'Get all cell values of the row "Produces"
Dim d
d = SwfWindow("XtraPivotGrid Main Demo").SwfObject("pivotGridControl1").GetRowData( "Produce" )
Print d
'Output: (RowIndex=7);297

'Get all cell values of the first matched row with name "Produce" and of the column with name "Seafood" and print it
Dim d
```

```
d = SwfWindow("XtraPivotGrid Main Demo").SwfObject("pivotGridControl1").GetRowData( Array( "Produce", "Seafood" )
)
Print d
'Output: (RowIndex=7);297;(RowIndex=8);860;
```

- **RowCount**
Gets the number of rows

Example

```
'Get the number of rows and print it.
Dim rowCount
rowCount = SwfWindow("XtraPivotGrid Main Demo").SwfObject("pivotGridControl1").RowCount
Print rowCount
```

- **SelectCell**
Selects one ore more cells

Parameters

cell
The cell(s) to select

Example

```
'Select the cells of the first column from row index 7 to row index 14
SwfWindow("XtraPivotGrid Main Demo").SwfObject("pivotGridControl1").SelectCell
"0.7;0.8;0.9;0.10;0.11;0.12;0.13;0.14;"
```

- **SetFocus**
Sets the focus to the specified cell

Parameters

args
The cell to set the focus to

Example

```
'Set the focus rect to the cell in column index 0 and row index 10
SwfWindow("XtraPivotGrid Main Demo").SwfObject("pivotGridControl1").SetFocus "0.10"
```

55. XtraScheduler.SchedulerControl

- **ClearSelection**
Clears the current selection.

Example

```
'Clears the current selection
SwfWindow("Form1").SwfObject("schedulerControl1").ClearSelection
```

- **GetAppointments**
Gets all appointments.

Example

```
'Gets all appointments as list (array)
Dim appointmentList
Set appointmentList = SwfWindow("Form1").SwfObject("schedulerControl1").GetAppointments()

'Iterate the appointments and print
Dim appointment
For Each appointment in appointmentList
Print appointment
```

Next

```
'Output:
'"<Meeting>-<01.01.1753 09:00:00>-<01.01.1753 10:30:00>##"
'"<Lunch + Beer>-<01.01.1753 12:30:00>-<01.01.1753 14:00:00>##"
```

- **GetSelectedAppointments**
Gets the selected appointments.

Example

```
'Gets the selectd appointments and prints them
Dim appointments
appointments = SwfWindow("Form1").SwfObject("schedulerControl1").GetSelectedAppointments()
Print appointments
'Output: "<Meeting>-<01.01.1753 09:00:00>-<01.01.1753 10:30:00>###<Lunch + Beer>-<01.01.1753 12:30:00>-<01.01.1753 14:00:00>##"
```

- **GetSelectedAppointments**
Gets the selected appointments.

Example

```
'Gets the selectd appointments and prints them
Dim appointments
appointments = SwfWindow("Form1").SwfObject("schedulerControl1").GetSelectedAppointments()
Print appointments
'Output: "<Meeting>-<01.01.1753 09:00:00>-<01.01.1753 10:30:00>###<Lunch + Beer>-<01.01.1753 12:30:00>-<01.01.1753 14:00:00>##"
```

- **GetSelectedInterval**
Gets the selected interval.

Example

```
'Get the selected interval and print it
Dim interval
interval = SwfWindow("Form1").SwfObject("schedulerControl1").GetSelectedInterval()
Print interval
'Output: "<01.01.1753 11:00:00>-<01.01.1753 12:00:00>##"
```

- **SelectAppointments**
Sets the selected appointments.

Parameters

value
The appointments to select

Example

```
'Sets the selection of appointments
SwfWindow("Form1").SwfObject("schedulerControl1").SelectAppointments "<Meeting>-<01.01.1753 09:00:00>-<01.01.1753 10:30:00>##"
```

- **SelectInterval**
Sets the selected interval.

Parameters

value
The interval to select

Example

```
'Select an interval
SwfWindow("Form1").SwfObject("schedulerControl1").SelectInterval "<01.01.1753 11:00:00>-<01.01.1753 12:00:00>##"
```


- **SetScrollPosition**
Sets the position of the scroll bar thumb.

Parameters

position
The position to set

Example

```
'Set the scrollbars position to 16
SwfWindow("Form1").SwfObject("schedulerControl1").SetScrollPosition 16
```

56. XtraTab.XtraTabControl

- **CloseSelectedTab**
Closes the selected tab.

Example

```
'Close the currently selected tab page
SwfWindow("DevExpress.XtraEditors").SwfTab("xtraTabControl1").CloseSelectedTab
```

- **Count**
Get the number of items of the object

Example

```
'Get the number of tabs and print it
Dim tabCount
tabCount = SwfWindow("DevExpress.XtraEditors").SwfTab("xtraTabControl1").Count
Print tabCount
```

- **IsTabEnabled**
Get enabled state of tab control

Example

```
'Get if tab is enabled an print it.
Print SwfWindow("DevExpress.XtraEditors").SwfTab("xtraTabControl1").IsTabEnabled
'Output: "True" (or "False")
```

- **IsTabVisible**
Get visible state of tab control

Example

```
'Get if tab is visible an print it.
Print SwfWindow("DevExpress.XtraEditors").SwfTab("xtraTabControl1").IsTabVisible
'Output: "True" (or "False")
```

- **ItemNames**
Get a list with captions of all items of the object

Example

```
'Get the names of all tab pages as list (array)
Dim itemNameCollection
Set itemNameCollection = SwfWindow("DevExpress.XtraEditors").SwfTab("xtraTabControl1").ItemNames

'Enumerate the collection with the enumerator */
Dim itemName
For Each itemName in itemNameCollection
Print itemName
Next

'Enumerate the collection by index */
```

```
Dim i
For i = 0 To itemNameCollection.Count - 1
Print itemNameCollection.Item(i)
Next
```

- **SelectedTab**
Get the caption of the selected object

Example

```
'Get the currently selected tab page and print its name/text
Dim selectedTabName
selectedTabName = SwfWindow("DevExpress.XtraEditors").SwfTab("xtraTabControl1").SelectedTab
Print selectedTabName
```

- **SelectPage**
Selects a page of the tab control.

Parameters

pageName
The name of the tab to select.

Example

```
'Select the tab page "xtraTabPage2"
SwfWindow("DevExpress.XtraEditors").SwfTab("xtraTabControl1").SelectPage "xtraTabPage2"
```

57. XtraTreeList.TreeList

- **ClickNode**
Performs a click on a node.

Parameters

path
The path of nodes to the node to click, delimited by a semicolon.

- **ClickNodeWithButton**
Performs a click on a node.

Parameters

path
The path of nodes to the node to click, delimited by a semicolon.

buttonname
The mouse button to use when performing a click. (Possible values are: "LEFT_MOUSE_BUTTON", "MIDDLE_MOUSE_BUTTON", "RIGHT_MOUSE_BUTTON")

- **CollapseNode**
Collapse a node.

Parameters

path
The path of nodes to the node to collapse, delimited by a semicolon.

- **ExpandNode**
Expands a node.

Parameters

path

The path of nodes to the node to expand, delimited by a semicolon.

■ SelectNode

Select a node by performing a double click on it.

Parameters

path

The path of nodes to the node to expand delimited by a semicolon.

58. XtraVerticalGrid.PropertyGridControl

■ GetRowValue

Sets value for a row.

Parameters

row

row name of the property.

Example

```
'Get the value of property "Test1" and print it
Dim test1Val
test1Val = SwfWindow("Form1").SwfObject("vGridControl2").GetRowValue("Test1")
Print test1Val
'Output: "7"
```

■ Rows

Get a list with captions of all rows of the property grid

Example

```
'Get the value of property "Test1" and print it
Dim test1Val
test1Val = SwfWindow("Form1").SwfObject("vGridControl2").GetRowValue("Test1")
Print test1Val
'Output: "7"
```

■ SetRowValue

Sets value for a row.

Parameters

row

row name of the property.

value

value to set.

Example

```
'Set the integer value of property "Test1" to "7"
SwfWindow("Form1").SwfObject("vGridControl2").SetRowValue "Test1", "7"

'Set the boolean value of property "Test2" to "True"
SwfWindow("Form1").SwfObject("vGridControl2").SetRowValue "Test2", "True"

'Set the text value of property "Test3" to "777"
SwfWindow("Form1").SwfObject("vGridControl2").SetRowValue "Test3", "777"
```