

Popup

Method Summary

CheckBox	addCheckBox() Add a checkbox.
CheckBox	addCheckBox(index) Add a checkbox at the selected index (starting at 0) or at the end.
CheckBox	addCheckBox(name) Add a checkbox with given name.
CheckBox	addCheckBox(name, feedback_item) Add a checkbox at the selected index (starting at 0) or at the end.
CheckBox	addCheckBox(name, feedback_item, icon) Add a checkbox at the selected index (starting at 0) or at the end.
CheckBox	addCheckBox(name, feedback_item, icon, mnemonic) Add a checkbox at the selected index (starting at 0) or at the end.
CheckBox	addCheckBox(name, feedback_item, icon, mnemonic, enabled) Add a checkbox at the selected index (starting at 0) or at the end.
CheckBox	addCheckBox(name, feedback_item, icon, mnemonic, enabled, align) Add a checkbox at the selected index (starting at 0) or at the end.
Menu	addMenu() Add a submenu at the end.
Menu	addMenu(index) Add a submenu at the selected index (starting at 0).
Menu	addMenu(name) Add a submenu with given name.
MenuItem	addMenuItem() Add a menu item.
MenuItem	addMenuItem(index) Add a menu item at the selected index (starting at 0) or at the end.
MenuItem	addMenuItem(name) Add a menu item with given name.
MenuItem	addMenuItem(name, feedback_item) Add a menu item at the selected index (starting at 0) or at the end.
MenuItem	addMenuItem(name, feedback_item, icon) Add a menu item at the selected index (starting at 0) or at the end.
MenuItem	addMenuItem(name, feedback_item, icon, mnemonic) Add a menu item at the selected index (starting at 0) or at the end.
MenuItem	addMenuItem(name, feedback_item, icon, mnemonic, enabled) Add a menu item at the selected index (starting at 0) or at the end.
MenuItem	addMenuItem(name, feedback_item, icon, mnemonic, enabled, align) Add a menu item at the selected index (starting at 0) or at the end.
RadioButton	addRadioButton() Add a radio button.
RadioButton	addRadioButton(index) Add a radiobutton at the selected index (starting at 0) or at the end.
RadioButton	addRadioButton(name) Add a radio button with given name.
RadioButton	addRadioButton(name, feedback_item) Add a radiobutton at the selected index (starting at 0) or at the end.
RadioButton	addRadioButton(name, feedback_item, icon) Add a radiobutton at the selected index (starting at 0) or at the end.
RadioButton	addRadioButton(name, feedback_item, icon, mnemonic) Add a radiobutton at the selected index (starting at 0) or at the end.
RadioButton	addRadioButton(name, feedback_item, icon, mnemonic, enabled) Add a radiobutton at the selected index (starting at 0) or at the end.
RadioButton	addRadioButton(name, feedback_item, icon, mnemonic, enabled, align) Add a radiobutton at the selected index (starting at 0) or at the end.
void	addRadioGroup() Add a radiogroup for radiobuttons.
void	addSeparator() Add the separator at the selected index (starting at 0) or at the end (empty).
void	addSeparator(index) Add the separator at the selected index (starting at 0) or at the end (empty).
CheckBox	getCheckBox(index) Get the checkbox at the selected index (starting at 0).
Object	getClientProperty(key) Gets the specified client property for the element based on a key.
MenuItem	getItem(index) Get the item at the selected index (starting at 0).

Number	getItemCount() Get the number of items in the menu.
Number	getItemIndexByText(text) Retrieve the index of the item by text.
Menu	getMenu(index) Get the submenu at the selected index (starting at 0).
RadioButton	getRadioButton(index) Get the radiobutton at the selected index (starting at 0).
void	putClientProperty(key, value) Sets the value for the specified element client property key.
void	removeAllItems() Remove all items from the menu.
void	removeItem(index) Remove the item(s) at the selected index/indices.
void	show() Show the popup at the mouse coordinates (Smart client only).
void	show(component) Show the popup above the specified element.
void	show(component, x, y) Show the popup above the specified element, adding x and y values relative to the element.
void	show(x, y) Show the popup at x and y coordinates.

Method Details

addCheckBox

[CheckBox](#) **addCheckBox ()**

Add a checkbox.

Returns

[CheckBox](#) - checkbox

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the checkbox will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addCheckBox("checkbox", feedback_checkbox);
// add a checkbox with an icon
menu.addCheckBox("checkbox with icon", feedback_checkbox, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addCheckBox("checkbox with icon", feedback_checkbox, pic_bytes);
// add a checkbox with a mnemonic
menu.addCheckBox("checkbox with mnemonic", feedback_checkbox, "media:///yourimage.gif", "c");
// add a disabled checkbox
menu.addCheckBox("checkbox disabled", feedback_checkbox, "media:///yourimage.gif", "d", false);
// add a checkbox with text aligned to the right
menu.addCheckBox("align right", feedback_checkbox, null, null, true, MenuItem.ALIGN_RIGHT);

// add a checkbox at a given index (checkbox properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var chk = menu.addCheckBox(2);
chk.text = "checkbox at index";
chk.setMethod(feedback_checkbox);
```

addCheckBox

[CheckBox](#) **addCheckBox (index)**

Add a checkbox at the selected index (starting at 0) or at the end.

Parameters

{[Number](#)} index - the index at which to add the checkbox

Returns[CheckBox](#) - checkbox**Sample**

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the checkbox will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addCheckBox("checkbox", feedback_checkbox);
// add a checkbox with an icon
menu.addCheckBox("checkbox with icon", feedback_checkbox, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addCheckBox("checkbox with icon", feedback_checkbox, pic_bytes);
// add a checkbox with a mnemonic
menu.addCheckBox("checkbox with mnemonic", feedback_checkbox, "media:///yourimage.gif", "c");
// add a disabled checkbox
menu.addCheckBox("checkbox disabled", feedback_checkbox, "media:///yourimage.gif", "d", false);
// add a checkbox with text aligned to the right
menu.addCheckBox("align right", feedback_checkbox, null, null, true, MenuItem.ALIGN_RIGHT);

// add a checkbox at a given index (checkbox properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var chk = menu.addCheckBox(2);
chk.text = "checkbox at index";
chk.setMethod(feedback_checkbox);
```

addCheckBox[CheckBox](#) **addCheckBox** (name)

Add a checkbox with given name.

Parameters{[String](#)} name - the checkbox text; this can be also html if enclosed between html tags**Returns**[CheckBox](#) - checkbox

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the checkbox will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addCheckBox("checkbox", feedback_checkbox);
// add a checkbox with an icon
menu.addCheckBox("checkbox with icon", feedback_checkbox, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addCheckBox("checkbox with icon", feedback_checkbox, pic_bytes);
// add a checkbox with a mnemonic
menu.addCheckBox("checkbox with mnemonic", feedback_checkbox, "media:///yourimage.gif", "c");
// add a disabled checkbox
menu.addCheckBox("checkbox disabled", feedback_checkbox, "media:///yourimage.gif", "d", false);
// add a checkbox with text aligned to the right
menu.addCheckBox("align right", feedback_checkbox, null, null, true, MenuItem.ALIGN_RIGHT);

// add a checkbox at a given index (checkbox properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var chk = menu.addCheckBox(2);
chk.text = "checkbox at index";
chk.setMethod(feedback_checkbox);
```

addCheckBox

[CheckBox](#) **addCheckBox** (name, feedback_item)

Add a checkbox at the selected index (starting at 0) or at the end.

Parameters

[{String}](#) name - the checkbox text; this can be also html if enclosed between html tags
[{Function}](#) feedback_item - the feedback function

Returns

[CheckBox](#) - checkbox

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the checkbox will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addCheckBox("checkbox", feedback_checkbox);
// add a checkbox with an icon
menu.addCheckBox("checkbox with icon", feedback_checkbox, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addCheckBox("checkbox with icon", feedback_checkbox, pic_bytes);
// add a checkbox with a mnemonic
menu.addCheckBox("checkbox with mnemonic", feedback_checkbox, "media:///yourimage.gif", "c");
// add a disabled checkbox
menu.addCheckBox("checkbox disabled", feedback_checkbox, "media:///yourimage.gif", "d", false);
// add a checkbox with text aligned to the right
menu.addCheckBox("align right", feedback_checkbox, null, null, true, MenuItem.ALIGN_RIGHT);

// add a checkbox at a given index (checkbox properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var chk = menu.addCheckBox(2);
chk.text = "checkbox at index";
chk.setMethod(feedback_checkbox);
```

addCheckBox

[CheckBox](#) **addCheckBox** (name, feedback_item, icon)

Add a checkbox at the selected index (starting at 0) or at the end.

Parameters

[{String}](#) name - the checkbox text; this can be also html if enclosed between html tags
[{Function}](#) feedback_item - the feedback function
[{Object}](#) icon - the checkbox icon (can be an image URL or the image content byte array)

Returns

[CheckBox](#) - checkbox

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the checkbox will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addCheckBox("checkbox", feedback_checkbox);
// add a checkbox with an icon
menu.addCheckBox("checkbox with icon", feedback_checkbox, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addCheckBox("checkbox with icon", feedback_checkbox, pic_bytes);
// add a checkbox with a mnemonic
menu.addCheckBox("checkbox with mnemonic", feedback_checkbox, "media:///yourimage.gif", "c");
// add a disabled checkbox
menu.addCheckBox("checkbox disabled", feedback_checkbox, "media:///yourimage.gif", "d", false);
// add a checkbox with text aligned to the right
menu.addCheckBox("align right", feedback_checkbox, null, null, true, MenuItem.ALIGN_RIGHT);

// add a checkbox at a given index (checkbox properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var chk = menu.addCheckBox(2);
chk.text = "checkbox at index";
chk.setMethod(feedback_checkbox);
```

addCheckBox

[CheckBox](#) **addCheckBox** (name, feedback_item, icon, mnemonic)

Add a checkbox at the selected index (starting at 0) or at the end.

Parameters

[{String}](#) name - the checkbox text; this can be also html if enclosed between html tags
[{Function}](#) feedback_item - the feedback function
[{Object}](#) icon - the checkbox icon (can be an image URL or the image content byte array)
[{String}](#) mnemonic - the checkbox mnemonic

Returns

[CheckBox](#) - checkbox

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the checkbox will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addCheckBox("checkbox", feedback_checkbox);
// add a checkbox with an icon
menu.addCheckBox("checkbox with icon", feedback_checkbox, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addCheckBox("checkbox with icon", feedback_checkbox, pic_bytes);
// add a checkbox with a mnemonic
menu.addCheckBox("checkbox with mnemonic", feedback_checkbox, "media:///yourimage.gif", "c");
// add a disabled checkbox
menu.addCheckBox("checkbox disabled", feedback_checkbox, "media:///yourimage.gif", "d", false);
// add a checkbox with text aligned to the right
menu.addCheckBox("align right", feedback_checkbox, null, null, true, MenuItem.ALIGN_RIGHT);

// add a checkbox at a given index (checkbox properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var chk = menu.addCheckBox(2);
chk.text = "checkbox at index";
chk.setMethod(feedback_checkbox);
```

addCheckBox

[CheckBox](#) **addCheckBox** (name, feedback_item, icon, mnemonic, enabled)

Add a checkbox at the selected index (starting at 0) or at the end.

Parameters

[{String}](#) name - the checkbox text; this can be also html if enclosed between html tags
[{Function}](#) feedback_item - the feedback function
[{Object}](#) icon - the checkbox icon (can be an image URL or the image content byte array)
[{String}](#) mnemonic - the checkbox mnemonic
[{Boolean}](#) enabled - the enabled state of the checkbox

Returns

[CheckBox](#) - checkbox

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the checkbox will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addCheckBox("checkbox", feedback_checkbox);
// add a checkbox with an icon
menu.addCheckBox("checkbox with icon", feedback_checkbox, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addCheckBox("checkbox with icon", feedback_checkbox, pic_bytes);
// add a checkbox with a mnemonic
menu.addCheckBox("checkbox with mnemonic", feedback_checkbox, "media:///yourimage.gif", "c");
// add a disabled checkbox
menu.addCheckBox("checkbox disabled", feedback_checkbox, "media:///yourimage.gif", "d", false);
// add a checkbox with text aligned to the right
menu.addCheckBox("align right", feedback_checkbox, null, null, true, MenuItem.ALIGN_RIGHT);

// add a checkbox at a given index (checkbox properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var chk = menu.addCheckBox(2);
chk.text = "checkbox at index";
chk.setMethod(feedback_checkbox);
```

addCheckBox

[CheckBox](#) **addCheckBox** (name, feedback_item, icon, mnemonic, enabled, align)

Add a checkbox at the selected index (starting at 0) or at the end.

Parameters

[{String}](#) name - the checkbox text; this can be also html if enclosed between html tags
[{Function}](#) feedback_item - the feedback function
[{Object}](#) icon - the checkbox icon (can be an image URL or the image content byte array)
[{String}](#) mnemonic - the checkbox mnemonic
[{Boolean}](#) enabled - the enabled state of the checkbox
[{Number}](#) align - the alignment type

Returns

[CheckBox](#) - checkbox

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the checkbox will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addCheckBox("checkbox", feedback_checkbox);
// add a checkbox with an icon
menu.addCheckBox("checkbox with icon", feedback_checkbox, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addCheckBox("checkbox with icon", feedback_checkbox, pic_bytes);
// add a checkbox with a mnemonic
menu.addCheckBox("checkbox with mnemonic", feedback_checkbox, "media:///yourimage.gif", "c");
// add a disabled checkbox
menu.addCheckBox("checkbox disabled", feedback_checkbox, "media:///yourimage.gif", "d", false);
// add a checkbox with text aligned to the right
menu.addCheckBox("align right", feedback_checkbox, null, null, true, MenuItem.ALIGN_RIGHT);

// add a checkbox at a given index (checkbox properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var chk = menu.addCheckBox(2);
chk.text = "checkbox at index";
chk.setMethod(feedback_checkbox);
```

addMenu**Menu** `addMenu ()`

Add a submenu at the end.

Returns**Menu** - the submenu**Sample**

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add a first submenu
var submenu1 = menu.addMenu("submenu 1");
submenu1.addMenuItem("sub item 1 - 1", feedback_item);
// add a submenu as child of the first submenu
var submenu1_2 = submenu1.addMenu("submenu 1 - 2");
submenu1_2.addMenuItem("sub item 1 - 2 - 1", feedback_item);
// add another submenu as a child of the first submenu
var submenu1_3 = submenu1.addMenu("submenu 1 - 3");
submenu1_3.addMenuItem("sub item 1 - 3 - 1", feedback_item);
// add a submenu to the second submenu of the first submenu
var submenu1_3_2 = submenu1_2.addMenu("submenu 1 - 2 - 2");
submenu1_3_2.addMenuItem("sub item 1 - 2 - 2 - 1", feedback_item);
// add a submenu directly to the menu, at the first position
var submenu0 = menu.addMenu(0);
submenu0.text = "submenu 0";
submenu0.addMenuItem("sub item 0 - 1", feedback_item);
```

addMenu**Menu** `addMenu (index)`

Add a submenu at the selected index (starting at 0).

Parameters

{[Number](#)} index - the index at which to add the submenu

Returns

[Menu](#) - the submenu

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add a first submenu
var submenu1 = menu.addMenu("submenu 1");
submenu1.addMenuItem("sub item 1 - 1", feedback_item);
// add a submenu as child of the first submenu
var submenu1_2 = submenu1.addMenu("submenu 1 - 2");
submenu1_2.addMenuItem("sub item 1 - 2 - 1", feedback_item);
// add another submenu as a child of the first submenu
var submenu1_3 = submenu1.addMenu("submenu 1 - 3");
submenu1_3.addMenuItem("sub item 1 - 3 - 1", feedback_item);
// add a submenu to the second submenu of the first submenu
var submenu1_3_2 = submenu1_2.addMenu("submenu 1 - 2 - 2");
submenu1_3_2.addMenuItem("sub item 1 - 2 - 2 - 1", feedback_item);
// add a submenu directly to the menu, at the first position
var submenu0 = menu.addMenu(0);
submenu0.text = "submenu 0";
submenu0.addMenuItem("sub item 0 - 1", feedback_item);
```

addMenu

[Menu](#) **addMenu** (name)

Add a submenu with given name.

Parameters

{[String](#)} name - the text of the submenu; this can be also html if enclosed between html tags

Returns

[Menu](#) - the submenu

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add a first submenu
var submenu1 = menu.addMenu("submenu 1");
submenu1.addMenuItem("sub item 1 - 1", feedback_item);
// add a submenu as child of the first submenu
var submenu1_2 = submenu1.addMenu("submenu 1 - 2");
submenu1_2.addMenuItem("sub item 1 - 2 - 1", feedback_item);
// add another submenu as a child of the first submenu
var submenu1_3 = submenu1.addMenu("submenu 1 - 3");
submenu1_3.addMenuItem("sub item 1 - 3 - 1", feedback_item);
// add a submenu to the second submenu of the first submenu
var submenu1_3_2 = submenu1_2.addMenu("submenu 1 - 2 - 2");
submenu1_3_2.addMenuItem("sub item 1 - 2 - 2 - 1", feedback_item);
// add a submenu directly to the menu, at the first position
var submenu0 = menu.addMenu(0);
submenu0.text = "submenu 0";
submenu0.addMenuItem("sub item 0 - 1", feedback_item);
```

addMenuItem

[MenuItem](#) **addMenuItem** ()

Add a menu item.

Returns

[MenuItem](#) - menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the item will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addMenuItem("item", feedback_item);
// add an item with an icon
menu.addMenuItem("item with icon", feedback_item, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addMenuItem("item with icon", feedback_item, pic_bytes);
// add an item with a mnemonic
menu.addMenuItem("item with mnemonic", feedback_item, "media:///yourimage.gif", "i");
// add a disabled item
menu.addMenuItem("disabled item", feedback_item, "media:///yourimage.gif", "d", false);
// add an item with text aligned to the right
menu.addMenuItem("align right", feedback_item, null, null, true, SM_ALIGNMENT.RIGHT);

// add an item at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var item = menu.addMenuItem(2);
item.text = "item at index";
item.setMethod(feedback_item);
```

addMenuItem

[MenuItem](#) **addMenuItem** (index)

Add a menu item at the selected index (starting at 0) or at the end.

Parameters

{[Number](#)} index - the index at which to add the menu item

Returns

[MenuItem](#) - menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the item will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addItem("item", feedback_item);
// add an item with an icon
menu.addItem("item with icon", feedback_item, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addItem("item with icon", feedback_item, pic_bytes);
// add an item with a mnemonic
menu.addItem("item with mnemonic", feedback_item, "media:///yourimage.gif", "i");
// add a disabled item
menu.addItem("disabled item", feedback_item, "media:///yourimage.gif", "d", false);
// add an item with text aligned to the right
menu.addItem("align right", feedback_item, null, null, true, SM_ALIGNMENT.RIGHT);

// add an item at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var item = menu.addItem(2);
item.text = "item at index";
item.setMethod(feedback_item);
```

addItem

MenuItem addItem (name)

Add a menu item with given name.

Parameters

{[String](#)} name - the menu item text; this can be also html if enclosed between html tags

Returns

[MenuItem](#) - menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the item will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addItem("item", feedback_item);
// add an item with an icon
menu.addItem("item with icon", feedback_item, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addItem("item with icon", feedback_item, pic_bytes);
// add an item with a mnemonic
menu.addItem("item with mnemonic", feedback_item, "media:///yourimage.gif", "i");
// add a disabled item
menu.addItem("disabled item", feedback_item, "media:///yourimage.gif", "d", false);
// add an item with text aligned to the right
menu.addItem("align right", feedback_item, null, null, true, SM_ALIGNMENT.RIGHT);

// add an item at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var item = menu.addItem(2);
item.text = "item at index";
item.setMethod(feedback_item);
```

addItem

MenuItem **addItem** (name, feedback_item)

Add a menu item at the selected index (starting at 0) or at the end.

Parameters

{String} name - the menu item text; this can be also html if enclosed between html tags
 {Function} feedback_item - the feedback function

Returns

MenuItem - menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the item will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addItem("item", feedback_item);
// add an item with an icon
menu.addItem("item with icon", feedback_item, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addItem("item with icon", feedback_item, pic_bytes);
// add an item with a mnemonic
menu.addItem("item with mnemonic", feedback_item, "media:///yourimage.gif", "i");
// add a disabled item
menu.addItem("disabled item", feedback_item, "media:///yourimage.gif", "d", false);
// add an item with text aligned to the right
menu.addItem("align right", feedback_item, null, null, true, SM_ALIGNMENT.RIGHT);

// add an item at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var item = menu.addItem(2);
item.text = "item at index";
item.setMethod(feedback_item);
```

addItem

MenuItem **addItem** (name, feedback_item, icon)

Add a menu item at the selected index (starting at 0) or at the end.

Parameters

{String} name - the menu item text; this can be also html if enclosed between html tags
{Function} feedback_item - the feedback function
{Object} icon - the menu item icon (can be an image URL or the image content byte array)

Returns

MenuItem - menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the item will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addMenuItem("item", feedback_item);
// add an item with an icon
menu.addMenuItem("item with icon", feedback_item, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addMenuItem("item with icon", feedback_item, pic_bytes);
// add an item with a mnemonic
menu.addMenuItem("item with mnemonic", feedback_item, "media:///yourimage.gif", "i");
// add a disabled item
menu.addMenuItem("disabled item", feedback_item, "media:///yourimage.gif", "d", false);
// add an item with text aligned to the right
menu.addMenuItem("align right", feedback_item, null, null, true, SM_ALIGNMENT.RIGHT);

// add an item at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var item = menu.addMenuItem(2);
item.text = "item at index";
item.setMethod(feedback_item);
```

addMenuItem

MenuItem **addMenuItem** (name, feedback_item, icon, mnemonic)

Add a menu item at the selected index (starting at 0) or at the end.

Parameters

{[String](#)} name - the menu item text; this can be also html if enclosed between html tags
 {[Function](#)} feedback_item - the feedback function
 {[Object](#)} icon - the menu item icon (can be an image URL or the image content byte array)
 {[String](#)} mnemonic - the menu item mnemonic

Returns

[MenuItem](#) - menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the item will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addMenuItem("item", feedback_item);
// add an item with an icon
menu.addMenuItem("item with icon", feedback_item, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addMenuItem("item with icon", feedback_item, pic_bytes);
// add an item with a mnemonic
menu.addMenuItem("item with mnemonic", feedback_item, "media:///yourimage.gif", "i");
// add a disabled item
menu.addMenuItem("disabled item", feedback_item, "media:///yourimage.gif", "d", false);
// add an item with text aligned to the right
menu.addMenuItem("align right", feedback_item, null, null, true, SM_ALIGNMENT.RIGHT);

// add an item at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var item = menu.addMenuItem(2);
item.text = "item at index";
item.setMethod(feedback_item);
```

addMenuItem

MenuItem **addMenuItem** (name, feedback_item, icon, mnemonic, enabled)

Add a menu item at the selected index (starting at 0) or at the end.

Parameters

{[String](#)} name - the menu item text; this can be also html if enclosed between html tags
 {[Function](#)} feedback_item - the feedback function
 {[Object](#)} icon - the menu item icon (can be an image URL or the image content byte array)
 {[String](#)} mnemonic - the menu item mnemonic
 {[Boolean](#)} enabled - the enabled state of the menu item

Returns

[MenuItem](#) - menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the item will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addMenuItem("item", feedback_item);
// add an item with an icon
menu.addMenuItem("item with icon", feedback_item, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addMenuItem("item with icon", feedback_item, pic_bytes);
// add an item with a mnemonic
menu.addMenuItem("item with mnemonic", feedback_item, "media:///yourimage.gif", "i");
// add a disabled item
menu.addMenuItem("disabled item", feedback_item, "media:///yourimage.gif", "d", false);
// add an item with text aligned to the right
menu.addMenuItem("align right", feedback_item, null, null, true, SM_ALIGNMENT.RIGHT);

// add an item at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var item = menu.addMenuItem(2);
item.text = "item at index";
item.setMethod(feedback_item);
```

addMenuItem

MenuItem **addMenuItem** (name, feedback_item, icon, mnemonic, enabled, align)

Add a menu item at the selected index (starting at 0) or at the end.

Parameters

{[String](#)} name - the menu item text; this can be also html if enclosed between html tags
 {[Function](#)} feedback_item - the feedback function
 {[Object](#)} icon - the menu item icon (can be an image URL or the image content byte array)
 {[String](#)} mnemonic - the menu item mnemonic
 {[Boolean](#)} enabled - the enabled state of the menu item
 {[Number](#)} align - the alignment type

Returns

[MenuItem](#) - menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the item will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addItem("item", feedback_item);
// add an item with an icon
menu.addItem("item with icon", feedback_item, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addItem("item with icon", feedback_item, pic_bytes);
// add an item with a mnemonic
menu.addItem("item with mnemonic", feedback_item, "media:///yourimage.gif", "i");
// add a disabled item
menu.addItem("disabled item", feedback_item, "media:///yourimage.gif", "d", false);
// add an item with text aligned to the right
menu.addItem("align right", feedback_item, null, null, true, SM_ALIGNMENT.RIGHT);

// add an item at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var item = menu.addItem(2);
item.text = "item at index";
item.setMethod(feedback_item);
```

addRadioButton

[RadioButton](#) **addRadioButton ()**

Add a radio button.

Returns

[RadioButton](#) - a radio button menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the radiobutton will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addRadioButton("radio", feedback_radiobutton);
// add a radiobutton with an icon
menu.addRadioButton("radio with icon", feedback_radiobutton, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addRadioButton("radio with icon", feedback_radiobutton, pic_bytes);

// add a new radiobutton group
// a group will 'bind' all added radiobuttons after the group together
// as a result checking one item will uncheck the other
// if no group is added, a group is created automatically when the first radiobutton is added to the menu
// so in this case we will have two groups, one with the radiobuttons added until now and one with the ones
// added from now on
menu.addRadioGroup();

// add a radiobutton with a mnemonic
menu.addRadioButton("radio with mnemonic", feedback_radiobutton, "media:///yourimage.gif", "i");
// add a disabled radiobutton
menu.addRadioButton("disabled radio", feedback_radiobutton, "media:///yourimage.gif", "d", false);
// add a radiobutton with text aligned to the right
menu.addRadioButton("align right", feedback_radiobutton, null, null, true, SM_ALIGNMENT.RIGHT);
// add a radiobutton at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var rd = menu.addRadioButton(2);
rd.text = "radio at index";
rd.setMethod(feedback_item);
```

addRadioButton[RadioButton](#) **addRadioButton** (index)

Add a radiobutton at the selected index (starting at 0) or at the end.

Parameters{[Number](#)} index - the index at which to add the radio button**Returns**[RadioButton](#) - a radio button menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the radiobutton will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addRadioButton("radio", feedback_radiobutton);
// add a radiobutton with an icon
menu.addRadioButton("radio with icon", feedback_radiobutton, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addRadioButton("radio with icon", feedback_radiobutton, pic_bytes);

// add a new radiobutton group
// a group will 'bind' all added radiobuttons after the group together
// as a result checking one item will uncheck the other
// if no group is added, a group is created automatically when the first radiobutton is added to the menu
// so in this case we will have two groups, one with the radiobuttons added until now and one with the ones
// added from now on
menu.addRadioGroup();

// add a radiobutton with a mnemonic
menu.addRadioButton("radio with mnemonic", feedback_radiobutton, "media:///yourimage.gif", "i");
// add a disabled radiobutton
menu.addRadioButton("disabled radio", feedback_radiobutton, "media:///yourimage.gif", "d", false);
// add a radiobutton with text aligned to the right
menu.addRadioButton("align right", feedback_radiobutton, null, null, true, SM_ALIGNMENT.RIGHT);
// add a radiobutton at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var rd = menu.addRadioButton(2);
rd.text = "radio at index";
rd.setMethod(feedback_item);
```

addRadioButton

[RadioButton](#) **addRadioButton** (name)

Add a radio button with given name.

Parameters

{[String](#)} name - the radio button text; this can be also html if enclosed between html tags

Returns

[RadioButton](#) - a radio button menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the radiobutton will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addRadioButton("radio", feedback_radiobutton);
// add a radiobutton with an icon
menu.addRadioButton("radio with icon", feedback_radiobutton, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addRadioButton("radio with icon", feedback_radiobutton, pic_bytes);

// add a new radiobutton group
// a group will 'bind' all added radiobuttons after the group together
// as a result checking one item will uncheck the other
// if no group is added, a group is created automatically when the first radiobutton is added to the menu
// so in this case we will have two groups, one with the radiobuttons added until now and one with the ones
// added from now on
menu.addRadioGroup();

// add a radiobutton with a mnemonic
menu.addRadioButton("radio with mnemonic", feedback_radiobutton, "media:///yourimage.gif", "i");
// add a disabled radiobutton
menu.addRadioButton("disabled radio", feedback_radiobutton, "media:///yourimage.gif", "d", false);
// add a radiobutton with text aligned to the right
menu.addRadioButton("align right", feedback_radiobutton, null, null, true, SM_ALIGNMENT.RIGHT);
// add a radiobutton at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var rd = menu.addRadioButton(2);
rd.text = "radio at index";
rd.setMethod(feedback_item);
```

addRadioButton

[RadioButton](#) **addRadioButton** (name, feedback_item)

Add a radiobutton at the selected index (starting at 0) or at the end.

Parameters

[{String}](#) name - the radio button text; this can be also html if enclosed between html tags
[{Function}](#) feedback_item - the feedback function

Returns

[RadioButton](#) - a radio button menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the radiobutton will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addRadioButton("radio", feedback_radiobutton);
// add a radiobutton with an icon
menu.addRadioButton("radio with icon", feedback_radiobutton, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addRadioButton("radio with icon", feedback_radiobutton, pic_bytes);

// add a new radiobutton group
// a group will 'bind' all added radiobuttons after the group together
// as a result checking one item will uncheck the other
// if no group is added, a group is created automatically when the first radiobutton is added to the menu
// so in this case we will have two groups, one with the radiobuttons added until now and one with the ones
// added from now on
menu.addRadioGroup();

// add a radiobutton with a mnemonic
menu.addRadioButton("radio with mnemonic", feedback_radiobutton, "media:///yourimage.gif", "i");
// add a disabled radiobutton
menu.addRadioButton("disabled radio", feedback_radiobutton, "media:///yourimage.gif", "d", false);
// add a radiobutton with text aligned to the right
menu.addRadioButton("align right", feedback_radiobutton, null, null, true, SM_ALIGNMENT.RIGHT);
// add a radiobutton at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var rd = menu.addRadioButton(2);
rd.text = "radio at index";
rd.setMethod(feedback_item);
```

addRadioButton

[RadioButton](#) **addRadioButton** (name, feedback_item, icon)

Add a radiobutton at the selected index (starting at 0) or at the end.

Parameters

[{String}](#) name - the radio button text; this can be also html if enclosed between html tags
[{Function}](#) feedback_item - the feedback function
[{Object}](#) icon - the radio button icon (can be an image URL or the image content byte array)

Returns

[RadioButton](#) - a radio button menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the radiobutton will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addRadioButton("radio", feedback_radiobutton);
// add a radiobutton with an icon
menu.addRadioButton("radio with icon", feedback_radiobutton, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addRadioButton("radio with icon", feedback_radiobutton, pic_bytes);

// add a new radiobutton group
// a group will 'bind' all added radiobuttons after the group together
// as a result checking one item will uncheck the other
// if no group is added, a group is created automatically when the first radiobutton is added to the menu
// so in this case we will have two groups, one with the radiobuttons added until now and one with the ones
// added from now on
menu.addRadioGroup();

// add a radiobutton with a mnemonic
menu.addRadioButton("radio with mnemonic", feedback_radiobutton, "media:///yourimage.gif", "i");
// add a disabled radiobutton
menu.addRadioButton("disabled radio", feedback_radiobutton, "media:///yourimage.gif", "d", false);
// add a radiobutton with text aligned to the right
menu.addRadioButton("align right", feedback_radiobutton, null, null, true, SM_ALIGNMENT.RIGHT);
// add a radiobutton at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var rd = menu.addRadioButton(2);
rd.text = "radio at index";
rd.setMethod(feedback_item);
```

addRadioButton

[RadioButton](#) **addRadioButton** (name, feedback_item, icon, mnemonic)

Add a radiobutton at the selected index (starting at 0) or at the end.

Parameters

[{String}](#) name - the radio button text; this can be also html if enclosed between html tags
[{Function}](#) feedback_item - the feedback function
[{Object}](#) icon - the radio button icon (can be an image URL or the image content byte array)
[{String}](#) mnemonic - the radio button mnemonic

Returns

[RadioButton](#) - a radio button menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the radiobutton will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addRadioButton("radio", feedback_radiobutton);
// add a radiobutton with an icon
menu.addRadioButton("radio with icon", feedback_radiobutton, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addRadioButton("radio with icon", feedback_radiobutton, pic_bytes);

// add a new radiobutton group
// a group will 'bind' all added radiobuttons after the group together
// as a result checking one item will uncheck the other
// if no group is added, a group is created automatically when the first radiobutton is added to the menu
// so in this case we will have two groups, one with the radiobuttons added until now and one with the ones
// added from now on
menu.addRadioGroup();

// add a radiobutton with a mnemonic
menu.addRadioButton("radio with mnemonic", feedback_radiobutton, "media:///yourimage.gif", "i");
// add a disabled radiobutton
menu.addRadioButton("disabled radio", feedback_radiobutton, "media:///yourimage.gif", "d", false);
// add a radiobutton with text aligned to the right
menu.addRadioButton("align right", feedback_radiobutton, null, null, true, SM_ALIGNMENT.RIGHT);
// add a radiobutton at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var rd = menu.addRadioButton(2);
rd.text = "radio at index";
rd.setMethod(feedback_item);
```

addRadioButton

[RadioButton](#) **addRadioButton** (name, feedback_item, icon, mnemonic, enabled)

Add a radiobutton at the selected index (starting at 0) or at the end.

Parameters

[{String}](#) name - the radio button text; this can be also html if enclosed between html tags
[{Function}](#) feedback_item - the feedback function
[{Object}](#) icon - the radio button icon (can be an image URL or the image content byte array)
[{String}](#) mnemonic - the radio button mnemonic
[{Boolean}](#) enabled - the enabled state of radio button

Returns

[RadioButton](#) - a radio button menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the radiobutton will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addRadioButton("radio", feedback_radiobutton);
// add a radiobutton with an icon
menu.addRadioButton("radio with icon", feedback_radiobutton, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addRadioButton("radio with icon", feedback_radiobutton, pic_bytes);

// add a new radiobutton group
// a group will 'bind' all added radiobuttons after the group together
// as a result checking one item will uncheck the other
// if no group is added, a group is created automatically when the first radiobutton is added to the menu
// so in this case we will have two groups, one with the radiobuttons added until now and one with the ones
// added from now on
menu.addRadioGroup();

// add a radiobutton with a mnemonic
menu.addRadioButton("radio with mnemonic", feedback_radiobutton, "media:///yourimage.gif", "i");
// add a disabled radiobutton
menu.addRadioButton("disabled radio", feedback_radiobutton, "media:///yourimage.gif", "d", false);
// add a radiobutton with text aligned to the right
menu.addRadioButton("align right", feedback_radiobutton, null, null, true, SM_ALIGNMENT.RIGHT);
// add a radiobutton at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var rd = menu.addRadioButton(2);
rd.text = "radio at index";
rd.setMethod(feedback_item);
```

addRadioButton

RadioButton **addRadioButton** (name, feedback_item, icon, mnemonic, enabled, align)

Add a radiobutton at the selected index (starting at 0) or at the end.

Parameters

{String} name - the radio button text; this can be also html if enclosed between html tags
{Function} feedback_item - the feedback function
{Object} icon - the radio button icon (can be an image URL or the image content byte array)
{String} mnemonic - the radio button mnemonic
{Boolean} enabled - the enabled state of radio button
{Number} align - the alignment type

Returns

RadioButton - a radio button menu item

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the radiobutton will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addRadioButton("radio", feedback_radiobutton);
// add a radiobutton with an icon
menu.addRadioButton("radio with icon", feedback_radiobutton, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addRadioButton("radio with icon", feedback_radiobutton, pic_bytes);

// add a new radiobutton group
// a group will 'bind' all added radiobuttons after the group together
// as a result checking one item will uncheck the other
// if no group is added, a group is created automatically when the first radiobutton is added to the menu
// so in this case we will have two groups, one with the radiobuttons added until now and one with the ones
// added from now on
menu.addRadioGroup();

// add a radiobutton with a mnemonic
menu.addRadioButton("radio with mnemonic", feedback_radiobutton, "media:///yourimage.gif", "i");
// add a disabled radiobutton
menu.addRadioButton("disabled radio", feedback_radiobutton, "media:///yourimage.gif", "d", false);
// add a radiobutton with text aligned to the right
menu.addRadioButton("align right", feedback_radiobutton, null, null, true, SM_ALIGNMENT.RIGHT);
// add a radiobutton at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var rd = menu.addRadioButton(2);
rd.text = "radio at index";
rd.setMethod(feedback_item);
```

addRadioGroup

void **addRadioGroup** ()

Add a radiogroup for radiobuttons. A radiogroup groups together all radiobuttons that are added after the group is added. From all radiobuttons that belong to the same radiogroup only one can be checked at a time.

If no radiogroup is added, one is created automatically when the first radiobutton is added.

Returns

void

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// when you don't define an index the radiobutton will be added at the last position
// this is what you usually do to build a new menu
// minimum settings are the text and method
// the method can be a global or form method
// be sure to enter the method WITHOUT '()' at the end
menu.addRadioButton("radio", feedback_radiobutton);
// add a radiobutton with an icon
menu.addRadioButton("radio with icon", feedback_radiobutton, "media:///yourimage.gif");
//var pic_bytes = plugins.file.readFile("/path/to/image.jpg");
//menu.addRadioButton("radio with icon", feedback_radiobutton, pic_bytes);

// add a new radiobutton group
// a group will 'bind' all added radiobuttons after the group together
// as a result checking one item will uncheck the other
// if no group is added, a group is created automatically when the first radiobutton is added to the menu
// so in this case we will have two groups, one with the radiobuttons added until now and one with the ones
// added from now on
menu.addRadioGroup();

// add a radiobutton with a mnemonic
menu.addRadioButton("radio with mnemonic", feedback_radiobutton, "media:///yourimage.gif", "i");
// add a disabled radiobutton
menu.addRadioButton("disabled radio", feedback_radiobutton, "media:///yourimage.gif", "d", false);
// add a radiobutton with text aligned to the right
menu.addRadioButton("align right", feedback_radiobutton, null, null, true, SM_ALIGNMENT.RIGHT);
// add a radiobutton at a given index (item properties must be configured after creation)
// indexes start at 0 (zero) so index 2 is in fact position 3
var rd = menu.addRadioButton(2);
rd.text = "radio at index";
rd.setMethod(feedback_item);
```

addSeparator

void **addSeparator** ()

Add the separator at the selected index (starting at 0) or at the end (empty).

Returns

void

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add an item and a checkbox
menu.addMenuItem("item", feedback_item);
menu.addCheckBox("checkbox", feedback_checkbox);
// add a separator
menu.addSeparator();
// add a radiobutton. it will be separated from the rest of the control by the separator
menu.addRadioButton("radio", feedback_radiobutton);
// add another separator between the item and the checkbox
menu.addSeparator(1);
```

addSeparator

void **addSeparator** (index)

Add the separator at the selected index (starting at 0) or at the end (empty).

Parameters

{[Number](#)} index - the index at which to add the separator

Returns

void

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add an item and a checkbox
menu.addMenuItem("item", feedback_item);
menu.addCheckBox("checkbox", feedback_checkbox);
// add a separator
menu.addSeparator();
// add a radiobutton. it will be separated from the rest of the control by the separator
menu.addRadioButton("radio", feedback_radiobutton);
// add another separator between the item and the checkbox
menu.addSeparator(1);
```

getCheckBox

[CheckBox](#) **getCheckBox** (index)

Get the checkbox at the selected index (starting at 0).

Parameters

{[Number](#)} index

Returns

[CheckBox](#)

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add two radiobuttons
menu.addRadioButton("radio one", feedback_radiobutton);
menu.addRadioButton("radio two", feedback_radiobutton);
// add a menu item, with a separator before it
menu.addSeparator();
menu.addMenuItem("item", feedback_item);
// add a checkbox, with a separator before it
menu.addSeparator();
menu.addCheckBox("check", feedback_checkbox);
// add a submenu with an item under it
var submenu = menu.addMenu("submenu");
submenu.addMenuItem("subitem", feedback_item);

// depending on some state, update the entries in the menu
var some_state = true;
if (some_state) {
    // select the first radiobutton
    menu.getRadioButton(0).selected = true;
} else {
    // select the first radiobutton
    menu.getRadioButton(1).selected = true;
}
// enable/disable the menu item
// remember to include the separators also when counting the index
menu.getItem(3).enabled = !some_state;
// select/unselect the checkbox
// remember to include the separators also when counting the index
menu.getCheckBox(5).selected = some_state;
// change the text of the submenu and its item
application.output(menu.getItemCount());
if (some_state) {
    menu.getMenu(6).text = "some state";
    menu.getMenu(6).getItem(0).text = "some text";
}
else {
    menu.getMenu(6).text = "not some state";
    menu.getMenu(6).getItem(0).text = "other text";
}
```

getClientProperty**Object** **getClientProperty** (key)

Gets the specified client property for the element based on a key.

Parameters{**Object**} key**Returns****Object**

Sample

```
// NOTE: Depending on the operating system, a user interface property name may be available.
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add an item to the menu
menu.addItem("item", feedback_item);

// set the tooltip of the menu via client properties
// keep the original tooltip in a form or global variable
originalTooltip = menu.getClientProperty("ToolTipText");
menu.putClientProperty("ToolTipText", "changed tooltip");

// later restore the original tooltip from the variable
//var menubar = plugins.window.getMenuBar();
//var menu = menubar.getMenu(menubar.getMenuCount()-1);
//menu.putClientProperty("ToolTipText", originalTooltip);
```

getItem

[MenuItem](#) **getItem** (index)

Get the item at the selected index (starting at 0).

Parameters

{[Number](#)} index

Returns

[MenuItem](#)

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add two radiobuttons
menu.addRadioButton("radio one", feedback_radiobutton);
menu.addRadioButton("radio two", feedback_radiobutton);
// add a menu item, with a separator before it
menu.addSeparator();
menu.addMenuItem("item", feedback_item);
// add a checkbox, with a separator before it
menu.addSeparator();
menu.addCheckBox("check", feedback_checkbox);
// add a submenu with an item under it
var submenu = menu.addMenu("submenu");
submenu.addMenuItem("subitem", feedback_item);

// depending on some state, update the entries in the menu
var some_state = true;
if (some_state) {
    // select the first radiobutton
    menu.getRadioButton(0).selected = true;
} else {
    // select the first radiobutton
    menu.getRadioButton(1).selected = true;
}
// enable/disable the menu item
// remember to include the separators also when counting the index
menu.getItem(3).enabled = !some_state;
// select/unselect the checkbox
// remember to include the separators also when counting the index
menu.getCheckBox(5).selected = some_state;
// change the text of the submenu and its item
application.output(menu.getItemCount());
if (some_state) {
    menu.getMenu(6).text = "some state";
    menu.getMenu(6).getItem(0).text = "some text";
}
else {
    menu.getMenu(6).text = "not some state";
    menu.getMenu(6).getItem(0).text = "other text";
}
```

getItemCount

Number `getItemCount()`

Get the number of items in the menu.

Returns

Number

Sample

```
// REMARK: indexes start at 0, disabled items, non visible items and separators are counted also
// REMARK: this is especially important when getting items by the index
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add two radiobuttons
menu.addRadioButton("radio one", feedback_radiobutton);
menu.addRadioButton("radio two", feedback_radiobutton);
// add a checkbox
menu.addCheckBox("check", feedback_checkbox);
// add a menu item
menu.addMenuItem("item", feedback_item);
// add another menu item
menu.addMenuItem("item 2", feedback_item);

// remove the last item
menu.removeItem(menu.getItemCount() - 1);
```

getItemIndexByText

Number **getItemIndexByText** (text)

Retrieve the index of the item by text.

Parameters

{String} text

Returns

Number

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add two radiobuttons
menu.addRadioButton("radio one", feedback_radiobutton);
menu.addRadioButton("radio two", feedback_radiobutton);
// add a checkbox
menu.addCheckBox("check", feedback_checkbox);
// add a menu item
menu.addMenuItem("item", feedback_item);
// add another menu item
menu.addMenuItem("item 2", feedback_item);

// find the index of the checkbox
var idx = menu.getItemIndexByText("check");
// remove the checkbox by its index
menu.removeItem(idx);
// remove both radiobuttons by their indices
menu.removeItem([0, 1]);
// remove all remaining entries
menu.removeAllItems();
// add back an item
menu.addMenuItem("new item", feedback_item);
```

getMenu

Menu **getMenu** (index)

Get the submenu at the selected index (starting at 0).

Parameters[{Number}](#) index**Returns**[Menu](#)**Sample**

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add two radiobuttons
menu.addRadioButton("radio one", feedback_radiobutton);
menu.addRadioButton("radio two", feedback_radiobutton);
// add a menu item, with a separator before it
menu.addSeparator();
menu.addMenuItem("item", feedback_item);
// add a checkbox, with a separator before it
menu.addSeparator();
menu.addCheckBox("check", feedback_checkbox);
// add a submenu with an item under it
var submenu = menu.addMenu("submenu");
submenu.addMenuItem("subitem", feedback_item);

// depending on some state, update the entries in the menu
var some_state = true;
if (some_state) {
    // select the first radiobutton
    menu.getRadioButton(0).selected = true;
} else {
    // select the first radiobutton
    menu.getRadioButton(1).selected = true;
}
// enable/disable the menu item
// remember to include the separators also when counting the index
menu.getItem(3).enabled = !some_state;
// select/unselect the checkbox
// remember to include the separators also when counting the index
menu.getCheckBox(5).selected = some_state;
// change the text of the submenu and its item
application.output(menu.getItemCount());
if (some_state) {
    menu.getMenu(6).text = "some state";
    menu.getMenu(6).getItem(0).text = "some text";
}
else {
    menu.getMenu(6).text = "not some state";
    menu.getMenu(6).getItem(0).text = "other text";
}
```

getRadioButton[RadioButton](#) [getRadioButton](#) (index)

Get the radiobutton at the selected index (starting at 0).

Parameters[{Number}](#) index**Returns**[RadioButton](#)

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add two radiobuttons
menu.addRadioButton("radio one", feedback_radiobutton);
menu.addRadioButton("radio two", feedback_radiobutton);
// add a menu item, with a separator before it
menu.addSeparator();
menu.addMenuItem("item", feedback_item);
// add a checkbox, with a separator before it
menu.addSeparator();
menu.addCheckBox("check", feedback_checkbox);
// add a submenu with an item under it
var submenu = menu.addMenu("submenu");
submenu.addMenuItem("subitem", feedback_item);

// depending on some state, update the entries in the menu
var some_state = true;
if (some_state) {
    // select the first radiobutton
    menu.getRadioButton(0).selected = true;
} else {
    // select the first radiobutton
    menu.getRadioButton(1).selected = true;
}
// enable/disable the menu item
// remember to include the separators also when counting the index
menu.getItem(3).enabled = !some_state;
// select/unselect the checkbox
// remember to include the separators also when counting the index
menu.getCheckBox(5).selected = some_state;
// change the text of the submenu and its item
application.output(menu.getItemCount());
if (some_state) {
    menu.getMenu(6).text = "some state";
    menu.getMenu(6).getItem(0).text = "some text";
}
else {
    menu.getMenu(6).text = "not some state";
    menu.getMenu(6).getItem(0).text = "other text";
}
```

putClientProperty

void **putClientProperty** (key, value)

Sets the value for the specified element client property key.

Parameters

{Object} key
{Object} value

Returns

void

Sample

```
// NOTE: Depending on the operating system, a user interface property name may be available.
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add an item to the menu
menu.addItem("item", feedback_item);

// set the tooltip of the menu via client properties
// keep the original tooltip in a form or global variable
originalTooltip = menu.getClientProperty("ToolTipText");
menu.putClientProperty("ToolTipText", "changed tooltip");

// later restore the original tooltip from the variable
//var menubar = plugins.window.getMenuBar();
//var menu = menubar.getMenu(menubar.getMenuCount()-1);
//menu.putClientProperty("ToolTipText", originalTooltip);
```

removeAllItems

void **removeAllItems** ()

Remove all items from the menu.

Returns

void

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add two radiobuttons
menu.addRadioButton("radio one", feedback_radiobutton);
menu.addRadioButton("radio two", feedback_radiobutton);
// add a checkbox
menu.addCheckBox("check", feedback_checkbox);
// add a menu item
menu.addItem("item", feedback_item);
// add another menu item
menu.addItem("item 2", feedback_item);

// find the index of the checkbox
var idx = menu.getItemIndexByText("check");
// remove the checkbox by its index
menu.removeItem(idx);
// remove both radiobuttons by their indices
menu.removeItem([0, 1]);
// remove all remaining entries
menu.removeAllItems();
// add back an item
menu.addItem("new item", feedback_item);
```

removeItem

void **removeItem** (index)

Remove the item(s) at the selected index/indices.

Parameters

{Object[]} index - array of one or more indexes corresponding to items to remove

Returns

void

Sample

```
// add a new menu to the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
menu.text = "New Menu";
// alternatively create a popup menu
//var menu = plugins.window.createPopupMenu();

// add two radiobuttons
menu.addRadioButton("radio one", feedback_radiobutton);
menu.addRadioButton("radio two", feedback_radiobutton);
// add a checkbox
menu.addCheckBox("check", feedback_checkbox);
// add a menu item
menu.addMenuItem("item", feedback_item);
// add another menu item
menu.addMenuItem("item 2", feedback_item);

// find the index of the checkbox
var idx = menu.getItemIndexByText("check");
// remove the checkbox by its index
menu.removeItem(idx);
// remove both radiobuttons by their indices
menu.removeItem([0, 1]);
// remove all remaining entries
menu.removeAllItems();
// add back an item
menu.addMenuItem("new item", feedback_item);
```

show

void **show** ()

Show the popup at the mouse coordinates (Smart client only).

Returns

void

Sample

```
// NOTE: usually this code is placed in a handler of an event (e.g. right click on some component)
// create a popup menu
var menu = plugins.window.createPopupMenu();
// add a menu item
menu.addMenuItem("item", feedback_item);
// add another menu item
menu.addMenuItem("item 2", feedback_item);

if (event.getSource())
{
    // display the popup over the component which is the source of the event
    menu.show(event.getSource());
    // display the popup over the components, at specified coordinates relative to the component
    //menu.show(event.getSource(), 10, 10);
    // display the popup at specified coordinates relative to the main window
    //menu.show(100, 100);
}

// in Smart client, you can also use show with no parameters, it will show at the mouse coordinates:
//menu.show();
```

show

void **show** (component)

Show the popup above the specified element.

Parameters

{[RuntimeComponent](#)} component

Returns

void

Sample

```
// NOTE: usually this code is placed in a handler of an event (e.g. right click on some component)
// create a popup menu
var menu = plugins.window.createPopupMenu();
// add a menu item
menu.addMenuItem("item", feedback_item);
// add another menu item
menu.addMenuItem("item 2", feedback_item);

if (event.getSource())
{
    // display the popup over the component which is the source of the event
    menu.show(event.getSource());
    // display the popup over the components, at specified coordinates relative to the component
    //menu.show(event.getSource(), 10, 10);
    // display the popup at specified coordinates relative to the main window
    //menu.show(100, 100);
}

// in Smart client, you can also use show with no parameters, it will show at the mouse coordinates:
//menu.show();
```

show

void **show** (component, x, y)

Show the popup above the specified element, adding x and y values relative to the element.

Parameters

```
{RuntimeComponent} component
{Number} x
{Number} y
```

Returns

void

Sample

```
// NOTE: usually this code is placed in a handler of an event (e.g. right click on some component)
// create a popup menu
var menu = plugins.window.createPopupMenu();
// add a menu item
menu.addMenuItem("item", feedback_item);
// add another menu item
menu.addMenuItem("item 2", feedback_item);

if (event.getSource())
{
    // display the popup over the component which is the source of the event
    menu.show(event.getSource());
    // display the popup over the components, at specified coordinates relative to the component
    //menu.show(event.getSource(), 10, 10);
    // display the popup at specified coordinates relative to the main window
    //menu.show(100, 100);
}

// in Smart client, you can also use show with no parameters, it will show at the mouse coordinates:
//menu.show();
```

show

void **show** (x, y)

Show the popup at x and y coordinates.

Parameters

```
{Number} x
{Number} y
```

Returns

void

Sample

```
// NOTE: usually this code is placed in a handler of an event (e.g. right click on some component)
// create a popup menu
var menu = plugins.window.createPopupMenu();
// add a menu item
menu.addMenuItem("item", feedback_item);
// add another menu item
menu.addMenuItem("item 2", feedback_item);

if (event.getSource())
{
    // display the popup over the component which is the source of the event
    menu.show(event.getSource());
    // display the popup over the components, at specified coordinates relative to the component
    //menu.show(event.getSource(), 10, 10);
    // display the popup at specified coordinates relative to the main window
    //menu.show(100, 100);
}

// in Smart client, you can also use show with no parameters, it will show at the mouse coordinates:
//menu.show();
```