MenuItem

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Supported Clients

SmartClient WebClient NGClient

Constants Summary

Number	ALIGN_CENTER	Constant for centering menu items/checkbox/radiobuttons at creation.
Number	ALIGN_LEFT	Constant for left aligning menu items/checkbox/radiobuttons at creation.
Number	ALIGN_RIGHT	Constant for right aligning menu items/checkbox/radiobuttons at creation.

Property Summary

Boolean	enabled	Enable/disable the menu item/checkbox/radiobutton.
Array	methodArguments	Set arguments that are sent to the callback method.
String	name	The name of the menu item/checkbox/radiobutton.
Boolean	selected	Select/unselect the checkbox/radiobutton.
String	text	Get/set the text of the menu item/checkbox /radiobutton.

Methods Summary

void	doClick()	Script the selection (emulate a mouse click) of the item.
Object	getClientProperty(key)	Gets the specified client property for the menu item/checkbox/radiobutton based on a key.
void	putClientProperty(key, value)	Sets the value for the specified client property key of the menu item/checkbox /radiobutton.
MenuItem	setAccelerator(String)	Set the accelerator key of the menu item/checkbox/radiobutton.
void	setBackgroundColor(String)	Set the background color of the menu item/checkbox/radiobutton.
void	setForegroundColor(String)	Set the foreground color of the menu item/checkbox/radiobutton.
MenuItem	setIcon(Object)	Set the icon of the menu item/checkbox/radiobutton.
MenuItem	setMethod(method)	Set the method for the menu item/checkbox/radiobutton.
MenuItem	setMethod(method, arguments)	Set the method for the menu item/checkbox/radiobutton.
MenuItem	setMnemonic(String)	Set the mnemonic key of the menu item/checkbox/radiobutton.
MenuItem	setVisible(visible)	Set the item visible.

Constants Details

ALIGN_CENTER

Constant for centering menu items/checkbox/radiobuttons at creation.

Returns

Number

Supported Clients

SmartClient,WebClient,NGClient

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 left aligned menu item
menu.addMenuItem("significantly long text", feedback, null, null, true, MenuItem.ALIGN_LEFT);
// add a centered checkbox
menu.addCheckBox("a bit shorter", feedback, null, null, true, MenuItem.ALIGN_CENTER);
// add a right aligned radiobutton
menu.addRadioButton("short", feedback, null, null, true, MenuItem.ALIGN_RIGHT);
```

ALIGN_LEFT

Constant for left aligning menu items/checkbox/radiobuttons at creation.

Returns

Number

Supported Clients

SmartClient,WebClient,NGClient

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 left aligned menu item
menu.addMenuItem("significantly long text", feedback, null, null, true, MenuItem.ALIGN_LEFT);
// add a centered checkbox
menu.addCheckBox("a bit shorter", feedback, null, null, true, MenuItem.ALIGN_CENTER);
// add a right aligned radiobutton
menu.addRadioButton("short", feedback, null, null, true, MenuItem.ALIGN_RIGHT);
```

ALIGN_RIGHT

Constant for right aligning menu items/checkbox/radiobuttons at creation.

Returns

Number

Supported Clients

SmartClient,WebClient,NGClient

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 left aligned menu item
menu.addMenuItem("significantly long text", feedback, null, null, true, MenuItem.ALIGN_LEFT);
// add a centered checkbox
menu.addCheckBox("a bit shorter", feedback, null, null, true, MenuItem.ALIGN_CENTER);
// add a right aligned radiobutton
menu.addRadioButton("short", feedback, null, null, true, MenuItem.ALIGN_RIGHT);
```

Property Details

enabled

Enable/disable the menu item/checkbox/radiobutton.

Returns

Boolean

Supported Clients

SmartClient,WebClient,NGClient

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 menu item at the first position in the menu
var entry = menu.addMenuItem(0);
// alternatively add a checkbox at the first position
//var entry = menu.addCheckBox(0);
// or alternatively add a radiobutton at the first position
//var entry = menu.addRadioButton(0);

// disable the newly added entry
entry.enabled = false;
// give a name to the entry (the name is not visible anywhere)
entry.name = "my_name";
// make the entry selected (affects checkboxes and radiobuttons)
entry.selected = true;
// set the text of the entry
entry.text = "menu entry";
// set the callback method
entry.setMethod(feedback);
// set the arguments to be sent to the callback method
// (an array of elements which will be passed as arguments 5, 6 and so on to the callback method)
// the first 5 arguments are fixed:
//        [0] item index
//        [1] parent item index
//        [2] isSelected boolean
//        [3] parent menu text
//        [4] menu text
entry.methodArguments = [17, "data"];
```

methodArguments

Set arguments that are sent to the callback method.

Returns

Array

Supported Clients

SmartClient,WebClient,NGClient

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 menu item at the first position in the menu
var entry = menu.addMenuItem(0);
// alternatively add a checkbox at the first position
//var entry = menu.addCheckBox(0);
// or alternatively add a radiobutton at the first position
//var entry = menu.addRadioButton(0);

// disable the newly added entry
entry.enabled = false;
// give a name to the entry (the name is not visible anywhere)
entry.name = "my_name";
// make the entry selected (affects checkboxes and radiobuttons)
entry.selected = true;
// set the text of the entry
entry.text = "menu entry";
// set the callback method
entry.setMethod(feedback);
// set the arguments to be sent to the callback method
// (an array of elements which will be passed as arguments 5, 6 and so on to the callback method)
// the first 5 arguments are fixed:
//        [0] item index
//        [1] parent item index
//        [2] isSelected boolean
//        [3] parent menu text
//        [4] menu text
entry.methodArguments = [17, "data"];
```

name

The name of the menu item/checkbox/radiobutton. The name is used only internally, it is not visible in the user interface.

Returns

String

Supported Clients

SmartClient,WebClient,NGClient

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 menu item at the first position in the menu
var entry = menu.addMenuItem(0);
// alternatively add a checkbox at the first position
//var entry = menu.addCheckBox(0);
// or alternatively add a radiobutton at the first position
//var entry = menu.addRadioButton(0);

// disable the newly added entry
entry.enabled = false;
// give a name to the entry (the name is not visible anywhere)
entry.name = "my_name";
// make the entry selected (affects checkboxes and radiobuttons)
entry.selected = true;
// set the text of the entry
entry.text = "menu entry";
// set the callback method
entry.setMethod(feedback);
// set the arguments to be sent to the callback method
// (an array of elements which will be passed as arguments 5, 6 and so on to the callback method)
// the first 5 arguments are fixed:
//        [0] item index
//        [1] parent item index
//        [2] isSelected boolean
//        [3] parent menu text
//        [4] menu text
entry.methodArguments = [17, "data"];
```

selected

Select/unselect the checkbox/radiobutton.

Returns

Boolean

Supported Clients

SmartClient,WebClient,NGClient

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 menu item at the first position in the menu
var entry = menu.addMenuItem(0);
// alternatively add a checkbox at the first position
//var entry = menu.addCheckBox(0);
// or alternatively add a radiobutton at the first position
//var entry = menu.addRadioButton(0);

// disable the newly added entry
entry.enabled = false;
// give a name to the entry (the name is not visible anywhere)
entry.name = "my_name";
// make the entry selected (affects checkboxes and radiobuttons)
entry.selected = true;
// set the text of the entry
entry.text = "menu entry";
// set the callback method
entry.setMethod(feedback);
// set the arguments to be sent to the callback method
// (an array of elements which will be passed as arguments 5, 6 and so on to the callback method)
// the first 5 arguments are fixed:
//        [0] item index
//        [1] parent item index
//        [2] isSelected boolean
//        [3] parent menu text
//        [4] menu text
entry.methodArguments = [17, "data"];
```

text

Get/set the text of the menu item/checkbox/radiobutton.; This can be also html if enclosed between html tags

Returns

String

Supported Clients

SmartClient,WebClient,NGClient

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 menu item at the first position in the menu
var entry = menu.addMenuItem(0);
// alternatively add a checkbox at the first position
//var entry = menu.addCheckBox(0);
// or alternatively add a radiobutton at the first position
//var entry = menu.addRadioButton(0);

// disable the newly added entry
entry.enabled = false;
// give a name to the entry (the name is not visible anywhere)
entry.name = "my_name";
// make the entry selected (affects checkboxes and radiobuttons)
entry.selected = true;
// set the text of the entry
entry.text = "menu entry";
// set the callback method
entry.setMethod(feedback);
// set the arguments to be sent to the callback method
// (an array of elements which will be passed as arguments 5, 6 and so on to the callback method)
// the first 5 arguments are fixed:
//        [0] item index
//        [1] parent item index
//        [2] isSelected boolean
//        [3] parent menu text
//        [4] menu text
entry.methodArguments = [17, "data"];
```

Methods Details

doClick()

Script the selection (emulate a mouse click) of the item.

Supported Clients

SmartClient,WebClient,NGClient

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 menu item
var entry = menu.addMenuItem("menu entry", feedback);
// alternatively add a checkbox
//var entry = menu.addCheckBox("menu entry", feedback);
// or alternatively add a radiobutton
//var entry = menu.addRadioButton("menu entry", feedback);

// simulate a click on the entry
entry.doClick();
```

getClientProperty(key)

Gets the specified client property for the menu item/checkbox/radiobutton based on a key.

Parameters

Object key ;

Returns

Object

Supported Clients

SmartClient,WebClient,NGClient

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 menu item
var entry = menu.addMenuItem("menu entry", feedback);
// alternatively add a checkbox
//var entry = menu.addCheckBox("menu entry", feedback);
// or alternatively add a radiobutton
//var entry = menu.addRadioButton("menu entry", feedback);

// NOTE: Depending on the operating system, a user interface property name may be available.
// set the tooltip of the menu item/checkbox/radiobutton via client properties
// keep the original tooltip in a form or global variable
originalTooltip = entry.getClientProperty("ToolTipText");
entry.putClientProperty("ToolTipText", "changed tooltip");

// later restore the original tooltip from the variable
//var menubar = plugins.window.getMenuBar();
//var menuIndex = menubar.getMenuIndexByText("New Menu");
//var menu = menubar.getMenu(menuIndex);
//var entry = menu.getItem(0);
//entry.putClientProperty("ToolTipText", originalTooltip);
```

putClientProperty(key, value)

Sets the value for the specified client property key of the menu item/checkbox/radiobutton.

Parameters

Object key ;
Object value ;

Supported Clients

SmartClient,WebClient,NGClient

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 menu item
var entry = menu.addMenuItem("menu entry", feedback);
// alternatively add a checkbox
//var entry = menu.addCheckBox("menu entry", feedback);
// or alternatively add a radiobutton
//var entry = menu.addRadioButton("menu entry", feedback);

// NOTE: Depending on the operating system, a user interface property name may be available.
// set the tooltip of the menu item/checkbox/radiobutton via client properties
// keep the original tooltip in a form or global variable
originalTooltip = entry.getClientProperty("ToolTipText");
entry.putClientProperty("ToolTipText", "changed tooltip");

// later restore the original tooltip from the variable
//var menubar = plugins.window.getMenuBar();
//var menuIndex = menubar.getMenuIndexByText("New Menu");
//var menu = menubar.getMenu(menuIndex);
//var entry = menu.getItem(0);
//entry.putClientProperty("ToolTipText", originalTooltip);
```

setAccelerator(String)

Set the accelerator key of the menu item/checkbox/radiobutton.

Parameters

String

Returns

MenuItem

Supported Clients

SmartClient,WebClient,NGClient

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 menu item
var entry = menu.addMenuItem("menu entry", feedback);
// alternatively add a checkbox
//var entry = menu.addCheckBox("menu entry", feedback);
// or alternatively add a radiobutton
//var entry = menu.addRadioButton("menu entry", feedback);

// define an accelerator for the menu entry
entry.setAccelerator("ctrl alt Y");
// also define a mnemonic
entry.setMnemonic("y");
// set a custom background color
entry.setBackgroundColor("#111111");
// set a custom foreground color
entry.setForegroundColor("#EE5555");
// set an icon
entry.setIcon("media:///yourimage.gif");
```

setBackgroundColor(String)

Set the background color of the menu item/checkbox/radiobutton.

Parameters

String

Supported Clients

SmartClient,WebClient,NGClient

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 menu item
var entry = menu.addMenuItem("menu entry", feedback);
// alternatively add a checkbox
//var entry = menu.addCheckBox("menu entry", feedback);
// or alternatively add a radiobutton
//var entry = menu.addRadioButton("menu entry", feedback);

// define an accelerator for the menu entry
entry.setAccelerator("ctrl alt Y");
// also define a mnemonic
entry.setMnemonic("y");
// set a custom background color
entry.setBackgroundColor("#111111");
// set a custom foreground color
entry.setForegroundColor("#EE5555");
// set an icon
entry.setIcon("media:///yourimage.gif");
```

setForegroundColor(String)

Set the foreground color of the menu item/checkbox/radiobutton.

Parameters

String

Supported Clients

SmartClient,WebClient,NGClient

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 menu item
var entry = menu.addMenuItem("menu entry", feedback);
// alternatively add a checkbox
//var entry = menu.addCheckBox("menu entry", feedback);
// or alternatively add a radiobutton
//var entry = menu.addRadioButton("menu entry", feedback);

// define an accelerator for the menu entry
entry.setAccelerator("ctrl alt Y");
// also define a mnemonic
entry.setMnemonic("y");
// set a custom background color
entry.setBackgroundColor("#111111");
// set a custom foreground color
entry.setForegroundColor("#EE5555");
// set an icon
entry.setIcon("media:///yourimage.gif");
```

setIcon(Object)

Set the icon of the menu item/checkbox/radiobutton.

Parameters

Object

Returns

MenuItem

Supported Clients

SmartClient,WebClient,NGClient

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 menu item
var entry = menu.addMenuItem("menu entry", feedback);
// alternatively add a checkbox
//var entry = menu.addCheckBox("menu entry", feedback);
// or alternatively add a radiobutton
//var entry = menu.addRadioButton("menu entry", feedback);

// define an accelerator for the menu entry
entry.setAccelerator("ctrl alt Y");
// also define a mnemonic
entry.setMnemonic("y");
// set a custom background color
entry.setBackgroundColor("#111111");
// set a custom foreground color
entry.setForegroundColor("#EE5555");
// set an icon
entry.setIcon("media:///yourimage.gif");
```

setMethod(method)

Set the method for the menu item/checkbox/radiobutton.

Parameters

Function method ;

Returns

MenuItem

Supported Clients

SmartClient,WebClient,NGClient

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 menu item at the first position in the menu
var entry = menu.addMenuItem(0);
// alternatively add a checkbox at the first position
//var entry = menu.addCheckBox(0);
// or alternatively add a radiobutton at the first position
//var entry = menu.addRadioButton(0);

// disable the newly added entry
entry.enabled = false;
// give a name to the entry (the name is not visible anywhere)
entry.name = "my_name";
// make the entry selected (affects checkboxes and radiobuttons)
entry.selected = true;
// set the text of the entry
entry.text = "menu entry";
// set the callback method
entry.setMethod(feedback);
// set the arguments to be sent to the callback method
// (an array of elements which will be passed as arguments 5, 6 and so on to the callback method)
// the first 5 arguments are fixed:
//        [0] item index
//        [1] parent item index
//        [2] isSelected boolean
//        [3] parent menu text
//        [4] menu text
entry.methodArguments = [17, "data"];
```

setMethod(method, arguments)

Set the method for the menu item/checkbox/radiobutton.

Parameters

Function method ;
Array arguments ;

Returns

MenuItem

Supported Clients

SmartClient,WebClient,NGClient

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 menu item at the first position in the menu
var entry = menu.addMenuItem(0);
// alternatively add a checkbox at the first position
//var entry = menu.addCheckBox(0);
// or alternatively add a radiobutton at the first position
//var entry = menu.addRadioButton(0);

// disable the newly added entry
entry.enabled = false;
// give a name to the entry (the name is not visible anywhere)
entry.name = "my_name";
// make the entry selected (affects checkboxes and radiobuttons)
entry.selected = true;
// set the text of the entry
entry.text = "menu entry";
// set the callback method
entry.setMethod(feedback);
// set the arguments to be sent to the callback method
// (an array of elements which will be passed as arguments 5, 6 and so on to the callback method)
// the first 5 arguments are fixed:
//        [0] item index
//        [1] parent item index
//        [2] isSelected boolean
//        [3] parent menu text
//        [4] menu text
entry.methodArguments = [17, "data"];
```

setMnemonic(String)

Set the mnemonic key of the menu item/checkbox/radiobutton.

Parameters

String

Returns

MenuItem

Supported Clients

SmartClient,WebClient,NGClient

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 menu item
var entry = menu.addMenuItem("menu entry", feedback);
// alternatively add a checkbox
//var entry = menu.addCheckBox("menu entry", feedback);
// or alternatively add a radiobutton
//var entry = menu.addRadioButton("menu entry", feedback);

// define an accelerator for the menu entry
entry.setAccelerator("ctrl alt Y");
// also define a mnemonic
entry.setMnemonic("y");
// set a custom background color
entry.setBackgroundColor("#111111");
// set a custom foreground color
entry.setForegroundColor("#EE5555");
// set an icon
entry.setIcon("media:///yourimage.gif");
```

setVisible(visible)

Set the item visible.

Parameters

Boolean visible ;

Returns

MenuItem

Supported Clients

SmartClient,WebClient,NGClient

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 menu item
var entry_one = menu.addMenuItem("an entry", feedback);
// add a checkbox
var entry_two = menu.addCheckBox("another entry", feedback);
// add a radiobutton
var entry_three = menu.addRadioButton("yet another entry", feedback);

// hide the menu item
entry_one.setVisible(false);
// make sure the checkbox is visible
entry_two.setVisible(true);
// hide the radiobutton
entry_three.setVisible(false);
```