

MenuBar

 Apr 05, 2024 18:53

Supported Clients

SmartClient WebClient

Methods Summary

Menu	addMenu()	Add a menu to the menubar.
Menu	addMenu(index)	Add a menu to the menubar.
Menu	getMenu(index)	Get the menu at the selected index (starting at 0).
Number	getMenuCount()	Get the number of (top level) menu's.
Number	getMenuIndexByText(name)	Retrieve the index of the item by text.
void	removeAllMenus()	Remove all menus from the menubar.
void	removeMenu(index)	Remove the menu(s) at the selected index/indices.
void	reset()	Reset the menubar to the default.
void	setVisible(visible)	Show/hide the menu bar

Methods Details

addMenu()
Add a menu to the menubar.

Returns

[Menu](#)

Supported Clients

SmartClient,WebClient

Sample

```
// Note: method addMenu only works in the smart client.

// when you don't define an index the menu will be added at the last
// positon of the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
// set the text of the menu
menu.text = "add menu";
// set the mnemonic key
menu.setMnemonic("a");
// add another menu at a specific position in the menubar
var another_menu = menubar.addMenu(2);
another_menu.text = "another menu";
another_menu.setMnemonic("t")
// REMARK: normally you would add menu items, checkboxes etc in the same method
// this example will show no menu items for now!
// IMPORTANT: Working with menu's on developer and client can differ
```

addMenu(index)
Add a menu to the menubar.

Parameters

[Number](#) index;

Returns

[Menu](#)

Supported Clients

SmartClient,WebClient

Sample

```
// Note: method addMenu only works in the smart client.

// when you don't define an index the menu will be added at the last
// position of the menubar
var menubar = plugins.window.getMenuBar();
var menu = menubar.addMenu();
// set the text of the menu
menu.text = "add menu";
// set the mnemonic key
menu.setMnemonic("a");
// add another menu at a specific position in the menubar
var another_menu = menubar.addMenu(2);
another_menu.text = "another menu";
another_menu.setMnemonic("t")
// REMARK: normally you would add menu items, checkboxes etc in the same method
// this example will show no menu items for now!
// IMPORTANT: Working with menu's on developer and client can differ
```

getMenu(index)

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

Parameters

[Number](#) index;

Returns

[Menu](#)

Supported Clients

SmartClient, WebClient

Sample

```
// Note: method getMenu only works in the smart client.

var menubar = plugins.window.getMenuBar();
// get the menu at index 2
// indexes start at 0 (zero) so index 2 is in fact position 3
var menu = menubar.getMenu(2);
// set the text of the menu at the chose position
menu.text = "get menu";
// set the mnemonic key
menu.setMnemonic("g");
// disable the menu
menu.setEnabled(false);
// REMARK: we actually changed an original menu! As a result resetting the
// menubar will NOT reset the above changes. We need to reset the menu
// manually the following way:
// get the menu
//var menu = menubar.getMenu(2);
// reset the values to default
// notice we use an i18n message here the same way you would use it with
// standard Servoy methods and plugins
//menu.text = "i18n:servoy.menuitem.showAll";
//menu.setEnabled(true);
```

getMenuCount()

Get the number of (top level) menu's.

Returns

[Number](#)

Supported Clients

SmartClient, WebClient

Sample

```
// Note: method getMenuCount only works in the smart client.

// add a new menu before the last menu
var menubar = plugins.window.getMenuBar();
var count = menubar.getMenuCount();
var menu = menubar.addMenu(count-1);
menu.text = 'new menu';
```

getMenuIndexByText(name)

Retrieve the index of the item by text.

Parameters

[String](#) name;

Returns

[Number](#)

Supported Clients

SmartClient,WebClient

Sample

```
// Note: method getMenuIndexByText only works in the smart client.

var menubar = plugins.window.getMenuBar();
// find the index of the View menu
var idx = menubar.getMenuIndexByText("View");
// add a menu before the View menu
var menu = menubar.addMenu(idx);
menu.text = "new menu";
```

removeAllMenus()

Remove all menus from the menubar.

Supported Clients

SmartClient,WebClient

Sample

```
// Note: method removeAllMenus only works in the smart client.

// Potentially dangerous because all accelerator (short) keys
// will be deleted also (including the quit item)
var menubar = plugins.window.getMenuBar();
menubar.removeAllMenus();
```

removeMenu(index)

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

Parameters

[Array](#) index array of one or more indexes corresponding to menus to remove

Supported Clients

SmartClient,WebClient

Sample

```
// Note: method removeMenu only works in the smart client.

var menubar = plugins.window.getMenuBar();
// To remove the last menu in the menubar we count the number of menu's in the menubar
// because the index starts at 0 we have to subtract 1 from the counted menu's
// to actually remove the last menu from the menubar
var index = menubar.getMenuCount() - 1;
menubar.removeMenu(index);

// To remove the last 3 (three) menu's from the menubar we
// can do that by adding additional indexes to the method
// and delimit them with a comma.
index = menubar.getMenuCount() - 1;
menubar.removeMenu(index, index-1, index-2);

// For 'security' reasons it is best to ALWAYS remove the menu with the last index
// first to avoid index out of range issues and other issues
// EXAMPLE: when you first remove the menu at index 2 and then the menu at index 4
// you actually remove the menu at index 2 and index 5
// after removing the menu at index 2 all other menu's moved one index to the left
// so the menu at index 4 moved to index 3 and the menu at index 5 moved to index 4 etc.
```

reset()

Reset the menubar to the default.

Supported Clients

SmartClient, WebClient

Sample

```
// Note: method removeMenu only works in the smart client.

// When the menubar settings are solution specific it is advised to reset
// the bar to its default settings when closing the solution.
// Another reason is that when a client/developer is started first the
// plugin will save the current settings in memory.
// REMARK: Don't manipulate standard Servoy menuitems but remove
// them and create new ones! Due to the way menuitems are managed by java it is not
// possible to reset a menuitem anymore.
var menubar = plugins.window.getMenuBar();
// add a menu
var menu = menubar.addMenu();
menu.text = "new menu";
// reset the menubar, the newly added menu will dissappear
menubar.reset();
```

setVisible(visible)

Show/hide the menu bar

Parameters

[Boolean](#) visible;

Supported Clients

SmartClient, WebClient

Sample

```
// Note: method setVisible only works in the smart client.

// hide the menu bar
var menubar = plugins.window.getMenuBar();
menubar.setVisible(false);
```