

window



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Supported Clients

SmartClient WebClient NGClient

Methods Summary

ToolBar	<code>addToolBar(window, name)</code>	Creates and returns a toolbar for a specific window.
ToolBar	<code>addToolBar(window, name, row)</code>	Creates and returns a toolbar for a specific window.
ToolBar	<code>addToolBar(window, name, displayname)</code>	Creates and returns a toolbar for a specific window.
ToolBar	<code>addToolBar(window, name, displayname, row)</code>	Creates and returns a toolbar for a specific window.
ToolBar	<code>addToolBar(name)</code>	Add a toolbar.
ToolBar	<code>addToolBar(name, row)</code>	Add a toolbar.
ToolBar	<code>addToolBar(name, displayname)</code>	Add a toolbar.
ToolBar	<code>addToolBar(name, displayname, row)</code>	Add a toolbar.
void	<code>cancelFormPopup()</code>	Close the current form popup panel without assigning a value to the configured data provider.
void	<code>closeFormPopup(retval)</code>	Close the current form popup panel and assign the value to the configured data provider.
Popup	<code>createPopupMenu()</code>	Creates a new popup menu that can be populated with items and displayed.
Boolean	<code>createShortcut(shortcut, methodName)</code>	Create a shortcut.
Boolean	<code>createShortcut(shortcut, methodName, arguments)</code>	Create a shortcut.
Boolean	<code>createShortcut(shortcut, methodName, contextFilter)</code>	Create a shortcut.
Boolean	<code>createShortcut(shortcut, method, contextFilter, arguments)</code>	Create a shortcut.
Boolean	<code>createShortcut(shortcut, methodName, contextFilter, arguments, consumeEvent)</code>	Create a shortcut.
Boolean	<code>createShortcut(shortcut, method)</code>	Create a shortcut.
Boolean	<code>createShortcut(shortcut, method, arguments)</code>	Create a shortcut.
Boolean	<code>createShortcut(shortcut, method, contextFilter)</code>	Create a shortcut.
Boolean	<code>createShortcut(shortcut, method, contextFilter, arguments)</code>	Create a shortcut.
Boolean	<code>createShortcut(shortcut, method, contextFilter, arguments, consumeEvent)</code>	Create a shortcut.
MenuBar	<code>getMenuBar()</code>	Get the menubar of the main window, or of a named window.
MenuBar	<code>getMenuBar(windowName)</code>	Get the menubar of the main window, or of a named window.
ToolBar	<code>getToolBar(window, name)</code>	Get the toolbar of a specific window from the toolbar panel by name.
ToolBar	<code>getToolBar(name)</code>	Get the toolbar from the toolbar panel by name.
Array	<code>getToolBarNames()</code>	Get all toolbar names from the toolbar panel.
Array	<code>getToolBarNames(window)</code>	Get all toolbar names from the toolbar panel of a specific window.
void	<code>maximize()</code>	Maximize the current window or the window with the specified name (Smart client only).
void	<code>maximize(windowName)</code>	Maximize the current window or the window with the specified name (Smart client only).
Boolean	<code>removeShortcut(shortcut)</code>	Remove a shortcut.
Boolean	<code>removeShortcut(shortcut, contextFilter)</code>	Remove a shortcut.
void	<code>removeToolBar(window, name)</code>	Remove the toolbar from the toolbar panel of a specific window.
void	<code>removeToolBar(name)</code>	Remove the toolbar from the toolbar panel.
void	<code>setFullScreen(full)</code>	Bring the window into/out of fullscreen mode.
void	<code>setStatusBarVisible(visible)</code>	Show or hide the statusbar.
void	<code>setToolBarAreaVisible(visible)</code>	Show or hide the toolbar area.
void	<code>showFormPopup(elementToShowRelatedTo, form, scope, dataproviderID)</code>	Show a form as popup panel, where the closeFormPopup can pass return a value to a dataprovider in the specified scope.
void	<code>showFormPopup(elementToShowRelatedTo, form, scope, dataproviderID, width, height)</code>	Show a form as popup panel, where the closeFormPopup can pass return a value to a dataprovider in the specified scope.
void	<code>showFormPopup(elementToShowRelatedTo, form, scope, dataproviderID, width, height, x, y)</code>	Show a form as popup panel, where the closeFormPopup can pass return a value to a dataprovider in the specified scope.

Methods Details

addToolBar(window, name)

Creates and returns a toolbar for a specific window.

Parameters

Object window ;

String name the name by which this toolbar is identified in code. If display name is missing, name will be used as displayName as well.

Returns

[ToolBar](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

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

// create a window
var win = application.createWindow("myWindow", JSWindow.WINDOW);

// add a toolbar with only a name
var toolbar0 = plugins.window.addToolBar(win,"toolbar_0");
toolbar0.addButton("click me 0", callback_function);

// add a toolbar with a name and the row you want it to show at
// row number starts at 0
var toolbar1 = plugins.window.addToolBar(win,"toolbar_1", 2);
toolbar1.addButton("click me 1", callback_function);

// add a toolbar with a name and display name
var toolbar2 = plugins.window.addToolBar(win,"toolbar_2", "toolbar_2_internal_name");
toolbar2.addButton("click me 2", callback_function);

// add a toolbar with a name, display name and the row you want the
// toolbar to show at. row number starts at 0
var toolbar3 = plugins.window.addToolBar(win,"toolbar_3", "toolbar_3_internal_name", 3);
toolbar3.addButton("click me 3", callback_function);

win.show(forms.Myform)
```

addToolBar(window, name, row)

Creates and returns a toolbar for a specific window.

Parameters

Object window;

String name the name by which this toolbar is identified in code. If display name is missing, name will be used as displayName as well.

Number row the row inside the toolbar panel where this toolbar is to be added.

Returns

[ToolBar](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

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

// create a window
var win = application.createWindow("myWindow", JSWindow.WINDOW);

// add a toolbar with only a name
var toolbar0 = plugins.window.addToolBar(win,"toolbar_0");
toolbar0.addButton("click me 0", callback_function);

// add a toolbar with a name and the row you want it to show at
// row number starts at 0
var toolbar1 = plugins.window.addToolBar(win,"toolbar_1", 2);
toolbar1.addButton("click me 1", callback_function);

// add a toolbar with a name and display name
var toolbar2 = plugins.window.addToolBar(win,"toolbar_2", "toolbar_2_internal_name");
toolbar2.addButton("click me 2", callback_function);

// add a toolbar with a name, display name and the row you want the
// toolbar to show at. row number starts at 0
var toolbar3 = plugins.window.addToolBar(win,"toolbar_3", "toolbar_3_internal_name", 3);
toolbar3.addButton("click me 3", callback_function);

win.show(forms.Myform)
```

addToolBar(window, name, displayname)

Creates and returns a toolbar for a specific window.

Parameters

Object window ;
String name the name by which this toolbar is identified in code
String displayname the name by which this toolbar will be identified in the UI. (for example in the toolbar panel's context menu)

Returns

ToolBar

Supported Clients

SmartClient,WebClient,NGClient

Sample

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

// create a window
var win = application.createWindow("myWindow", JSWindow.WINDOW);

// add a toolbar with only a name
var toolbar0 = plugins.window.addToolBar(win,"toolbar_0");
toolbar0.addButton("click me 0", callback_function);

// add a toolbar with a name and the row you want it to show at
// row number starts at 0
var toolbar1 = plugins.window.addToolBar(win,"toolbar_1", 2);
toolbar1.addButton("click me 1", callback_function);

// add a toolbar with a name and display name
var toolbar2 = plugins.window.addToolBar(win,"toolbar_2", "toolbar_2_internal_name");
toolbar2.addButton("click me 2", callback_function);

// add a toolbar with a name, display name and the row you want the
// toolbar to show at. row number starts at 0
var toolbar3 = plugins.window.addToolBar(win,"toolbar_3", "toolbar_3_internal_name", 3);
toolbar3.addButton("click me 3", callback_function);

win.show(forms.Myform)
```

addToolBar(window, name, displayname, row)

Creates and returns a toolbar for a specific window.

Parameters

Object window ;
String name the name by which this toolbar is identified in code.
String displayname the name by which this toolbar will be identified in the UI. (for example in the toolbar panel's context menu)
Number row the row inside the toolbar panel where this toolbar is to be added.

Returns

ToolBar

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// Note: method addToolBar only works in the smart client.  
  
// create a window  
var win = application.createWindow("myWindow", JSWindow.WINDOW);  
  
// add a toolbar with only a name  
var toolbar0 = plugins.window.addToolBar(win,"toolbar_0");  
toolbar0.addButton("click me 0", callback_function);  
  
// add a toolbar with a name and the row you want it to show at  
// row number starts at 0  
var toolbar1 = plugins.window.addToolBar(win,"toolbar_1", 2);  
toolbar1.addButton("click me 1", callback_function);  
  
// add a toolbar with a name and display name  
var toolbar2 = plugins.window.addToolBar(win,"toolbar_2", "toolbar_2_internal_name");  
toolbar2.addButton("click me 2", callback_function);  
  
// add a toolbar with a name, display name and the row you want the  
// toolbar to show at. row number starts at 0  
var toolbar3 = plugins.window.addToolBar(win,"toolbar_3", "toolbar_3_internal_name", 3);  
toolbar3.addButton("click me 3", callback_function);  
  
win.show(forms.MyForm)
```

addToolBar(name)

Add a toolbar.

Parameters

String name the name by which this toolbar is identified in code. If display name is missing, name will be used as displayName as well.

Returns

ToolBar

Supported Clients

SmartClient,WebClient,NGClient

Sample

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

// add a toolbar with only a name
var toolbar0 = plugins.window.addToolBar("toolbar_0");
toolbar0.addButton("click me 0", feedback_button);

// add a toolbar with a name and the row you want it to show at
// row number starts at 0
var toolbar1 = plugins.window.addToolBar("toolbar_1", 2);
toolbar1.addButton("click me 1", feedback_button);

// add a toolbar with a name and display name
var toolbar2 = plugins.window.addToolBar("toolbar_2", "toolbar_2_internal_name");
toolbar2.addButton("click me 2", feedback_button);

// add a toolbar with a name, display name and the row you want the
// toolbar to show at. row number starts at 0
var toolbar3 = plugins.window.addToolBar("toolbar_3", "toolbar_3_internal_name", 3);
toolbar3.addButton("click me 3", feedback_button);
```

addToolBar(name, row)

Add a toolbar.

Parameters

String name the name by which this toolbar is identified in code. If display name is missing, name will be used as displayName as well.
Number row the row inside the toolbar panel where this toolbar is to be added.

Returns

ToolBar

Supported Clients

SmartClient, WebClient, NGClient

Sample

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

// add a toolbar with only a name
var toolbar0 = plugins.window.addToolBar("toolbar_0");
toolbar0.addButton("click me 0", feedback_button);

// add a toolbar with a name and the row you want it to show at
// row number starts at 0
var toolbar1 = plugins.window.addToolBar("toolbar_1", 2);
toolbar1.addButton("click me 1", feedback_button);

// add a toolbar with a name and display name
var toolbar2 = plugins.window.addToolBar("toolbar_2", "toolbar_2_internal_name");
toolbar2.addButton("click me 2", feedback_button);

// add a toolbar with a name, display name and the row you want the
// toolbar to show at. row number starts at 0
var toolbar3 = plugins.window.addToolBar("toolbar_3", "toolbar_3_internal_name", 3);
toolbar3.addButton("click me 3", feedback_button);
```

addToolBar(name, displayname)

Add a toolbar.

Parameters

String name the name by which this toolbar is identified in code. If display name is missing, name will be used as displayName as well.
String displayname the name by which this toolbar will be identified in the UI. (for example in the toolbar panel's context menu)

Returns

ToolBar

Supported Clients

SmartClient, WebClient, NGClient

Sample

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

// add a toolbar with only a name
var toolbar0 = plugins.window.addToolBar("toolbar_0");
toolbar0.addButton("click me 0", feedback_button);

// add a toolbar with a name and the row you want it to show at
// row number starts at 0
var toolbar1 = plugins.window.addToolBar("toolbar_1", 2);
toolbar1.addButton("click me 1", feedback_button);

// add a toolbar with a name and display name
var toolbar2 = plugins.window.addToolBar("toolbar_2", "toolbar_2_internal_name");
toolbar2.addButton("click me 2", feedback_button);

// add a toolbar with a name, display name and the row you want the
// toolbar to show at. row number starts at 0
var toolbar3 = plugins.window.addToolBar("toolbar_3", "toolbar_3_internal_name", 3);
toolbar3.addButton("click me 3", feedback_button);
```

addToolBar(name, displayname, row)

Add a toolbar.

Parameters

String name the name by which this toolbar is identified in code. If display name is missing, name will be used as displayName as well.
String displayname the name by which this toolbar will be identified in the UI. (for example in the toolbar panel's context menu)
Number row the row inside the toolbar panel where this toolbar is to be added.

Returns

ToolBar

Supported Clients

SmartClient, WebClient, NGClient

Sample

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

// add a toolbar with only a name
var toolbar0 = plugins.window.addToolBar("toolbar_0");
toolbar0.addButton("click me 0", feedback_button);

// add a toolbar with a name and the row you want it to show at
// row number starts at 0
var toolbar1 = plugins.window.addToolBar("toolbar_1", 2);
toolbar1.addButton("click me 1", feedback_button);

// add a toolbar with a name and display name
var toolbar2 = plugins.window.addToolBar("toolbar_2", "toolbar_2_internal_name");
toolbar2.addButton("click me 2", feedback_button);

// add a toolbar with a name, display name and the row you want the
// toolbar to show at. row number starts at 0
var toolbar3 = plugins.window.addToolBar("toolbar_3", "toolbar_3_internal_name", 3);
toolbar3.addButton("click me 3", feedback_button);
```

cancelFormPopup()

Close the current form popup panel without assigning a value to the configured data provider.

Supported Clients

SmartClient, WebClient, NGClient

Sample

```
// Show a form as popup panel, where the closeFormPopup can pass return a value to a dataprovider in the
specified scope.
plugins.window.showFormPopup(null,forms.orderPicker,foundset.getSelectedRecord(),"order_id");
// do call closeFormPopup(ordervalue) from the orderPicker form
```

closeFormPopup(retval)

Close the current form popup panel and assign the value to the configured data provider.

Parameters

[Object](#) retval return value for data provider

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// Show a form as popup panel, where the closeFormPopup can pass return a value to a dataprovider in the
specified scope.
plugins.window.showFormPopup(null,forms.orderPicker,foundset.getSelectedRecord(),"order_id");
// do call closeFormPopup(ordervalue) from the orderPicker form
```

createPopupMenu()

Creates a new popup menu that can be populated with items and displayed.

Returns

[Popup](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// create a popup menu
var menu = plugins.window.createPopupMenu();
// add a menu item
menu.addMenuItem("an entry", feedback);

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);
}
```

createShortcut(shortcut, methodName)

Create a shortcut.

Parameters

[String](#) shortcut ;

[String](#) methodName scopes.scopename.methodname or formname.methodname String to target the method to execute

Returns

[Boolean](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```

// this plugin uses the java keystroke parser
// see http://java.sun.com/j2se/1.5.0/docs/api/javaw/swing/KeyStroke.html#getKeyStroke(java.lang.String)
// global handler
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut);
// global handler with a form context filter
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut, 'frm_contacts');
// form method called when shortcut is used
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut);
// form method called when shortcut is used and arguments are passed to the method
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut, new Array(argument1,
argument2));
// Passing the method argument as a string prevents unnecessary form loading
//plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', new Array(argument1,
argument2));
// Passing the method as a name and the contextFilter set so that this shortcut only trigger on the form
'frm_contacts'.
plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', 'frm_contacts', new Array
(argument1, argument2));
// Num Lock and Subtract shortcuts
plugins.window.createShortcut("NUMPAD8", handleMyShortcut);
plugins.window.createShortcut("SUBTRACT", handleMyShortcut);
// remove global shortcut and form-level shortcut
plugins.window.removeShortcut('menu 1');
plugins.window.removeShortcut('control RIGHT', 'frm_contacts');
// consuming they keystroke so that a default browser event will not happen
plugins.window.createShortcut('F4', scopes.globals.handleOrdersShortcut, 'frm_contacts', null, true);
// shortcut handlers are called with an JSEvent argument
///
// * Handle keyboard shortcut.
//
// * @param {JSEvent} event the event that triggered the action
// */
//function handleShortcut(event)
//{
// application.output(event.getType()) // returns 'menu 1'
// application.output(event.getFormName()) // returns 'frm_contacts'
// application.output(event.getElementName()) // returns 'contact_name_field' or null when no element is
selected
//}
// NOTES:
// 1) shortcuts will not override existing operating system or browser shortcuts,
// choose your shortcuts carefully to make sure they work in all clients.
// 2) always use lower-case letters for modifiers (shift, control, etc.), otherwise createShortcut will fail.

```

createShortcut(shortcut, methodName, arguments)

Create a shortcut.

Parameters

String shortcut ;
String methodName scopes.scopename.methodname or formname.methodname String to target the method to execute
Array arguments ;

Returns

Boolean

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// this plugin uses the java keystroke parser
// see http://java.sun.com/j2se/1.5.0/docs/api/javawx/swing/KeyStroke.html#getKeyStroke(java.lang.String)
// global handler
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut);
// global handler with a form context filter
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut, 'frm_contacts');
// form method called when shortcut is used
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut);
// form method called when shortcut is used and arguments are passed to the method
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut, new Array(argument1,
argument2));
// Passing the method argument as a string prevents unnecessary form loading
//plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', new Array(argument1,
argument2));
// Passing the method as a name and the contextFilter set so that this shortcut only trigger on the form
'frm_contacts'.
plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', 'frm_contacts', new Array
(argument1, argument2));
// Num Lock and Subtract shortcuts
plugins.window.createShortcut("NUMPAD8", handleMyShortcut);
plugins.window.createShortcut("SUBTRACT", handleMyShortcut);
// remove global shortcut and form-level shortcut
plugins.window.removeShortcut('menu 1');
plugins.window.removeShortcut('control RIGHT', 'frm_contacts');
// consuming they keystroke so that a default browser event will not happen
plugins.window.createShortcut('F4', scopes.globals.handleOrdersShortcut, 'frm_contacts', null, true);
// shortcut handlers are called with an JSEvent argument
///
// * Handle keyboard shortcut.
//
// * @param {JSEvent} event the event that triggered the action
// */
//function handleShortcut(event)
//{
// application.output(event.getType()) // returns 'menu 1'
// application.output(event.getFormName()) // returns 'frm_contacts'
// application.output(event.getElementName()) // returns 'contact_name_field' or null when no element is
selected
//}
// NOTES:
// 1) shortcuts will not override existing operating system or browser shortcuts,
// choose your shortcuts carefully to make sure they work in all clients.
// 2) always use lower-case letters for modifiers (shift, control, etc.), otherwise createShortcut will fail.
```

createShortcut(shortcut, methodName, contextFilter)

Create a shortcut.

Parameters

String shortcut ;
String methodName scopes.scopename.methodname or formname.methodname String to target the method to execute
String contextFilter form or element name (ng only - specified by formName.elementName); only triggers the shortcut when on this form/element

Returns

Boolean

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// this plugin uses the java keystroke parser
// see http://java.sun.com/j2se/1.5.0/docs/api/javawx/swing/KeyStroke.html#getKeyStroke(java.lang.String)
// global handler
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut);
// global handler with a form context filter
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut, 'frm_contacts');
// form method called when shortcut is used
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut);
// form method called when shortcut is used and arguments are passed to the method
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut, new Array(argument1,
argument2));
// Passing the method argument as a string prevents unnecessary form loading
//plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', new Array(argument1,
argument2));
// Passing the method as a name and the contextFilter set so that this shortcut only trigger on the form
'frm_contacts'.
plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', 'frm_contacts', new Array
(argument1, argument2));
// Num Lock and Subtract shortcuts
plugins.window.createShortcut("NUMPAD8", handleMyShortcut);
plugins.window.createShortcut("SUBTRACT", handleMyShortcut);
// remove global shortcut and form-level shortcut
plugins.window.removeShortcut('menu 1');
plugins.window.removeShortcut('control RIGHT', 'frm_contacts');
// consuming they keystroke so that a default browser event will not happen
plugins.window.createShortcut('F4', scopes.globals.handleOrdersShortcut, 'frm_contacts', null, true);
// shortcut handlers are called with an JSEvent argument
///
// * Handle keyboard shortcut.
//
// * @param {JSEvent} event the event that triggered the action
// */
//function handleShortcut(event)
//{
// application.output(event.getType()) // returns 'menu 1'
// application.output(event.getFormName()) // returns 'frm_contacts'
// application.output(event.getElementName()) // returns 'contact_name_field' or null when no element is
selected
//}
// NOTES:
// 1) shortcuts will not override existing operating system or browser shortcuts,
// choose your shortcuts carefully to make sure they work in all clients.
// 2) always use lower-case letters for modifiers (shift, control, etc.), otherwise createShortcut will fail.
```

createShortcut(shortcut, method, contextFilter, arguments)

Create a shortcut.

Parameters

String shortcut ;
Object method the method/function that needs to be called when the shortcut is hit
String contextFilter form or element name (ng only - specified by formName.elementName); only triggers the shortcut when on this form/element
Array arguments ;

Returns

Boolean

Supported Clients

SmartClient,WebClient,NGClient

Sample

```

// this plugin uses the java keystroke parser
// see http://java.sun.com/j2se/1.5.0/docs/api/javawx/swing/KeyStroke.html#getKeyStroke(java.lang.String)
// global handler
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut);
// global handler with a form context filter
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut, 'frm_contacts');
// form method called when shortcut is used
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut);
// form method called when shortcut is used and arguments are passed to the method
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut, new Array(argument1,
argument2));
// Passing the method argument as a string prevents unnecessary form loading
//plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', new Array(argument1,
argument2));
// Passing the method as a name and the contextFilter set so that this shortcut only trigger on the form
'frm_contacts'.
plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', 'frm_contacts', new Array
(argument1, argument2));
// Num Lock and Subtract shortcuts
plugins.window.createShortcut("NUMPAD8", handleMyShortcut);
plugins.window.createShortcut("SUBTRACT", handleMyShortcut);
// remove global shortcut and form-level shortcut
plugins.window.removeShortcut('menu 1');
plugins.window.removeShortcut('control RIGHT', 'frm_contacts');
// consuming they keystroke so that a default browser event will not happen
plugins.window.createShortcut('F4', scopes.globals.handleOrdersShortcut, 'frm_contacts', null, true);
// shortcut handlers are called with an JSEvent argument
///
// * Handle keyboard shortcut.
//
// * @param {JSEvent} event the event that triggered the action
// */
//function handleShortcut(event)
//{
// application.output(event.getType()) // returns 'menu 1'
// application.output(event.getFormName()) // returns 'frm_contacts'
// application.output(event.getElementName()) // returns 'contact_name_field' or null when no element is
selected
//}
// NOTES:
// 1) shortcuts will not override existing operating system or browser shortcuts,
// choose your shortcuts carefully to make sure they work in all clients.
// 2) always use lower-case letters for modifiers (shift, control, etc.), otherwise createShortcut will fail.

```

createShortcut(shortcut, methodName, contextFilter, arguments, consumeEvent)

Create a shortcut.

Parameters

String shortcut ;
String methodName scopes.scopename.methodname or formname.methodname String to target the method to execute
String contextFilter form or element name (ng only - specified by formName.elementName); only triggers the shortcut when on this form/element
Array arguments ;
Boolean consumeEvent if true then the shortcut will consume the event and the default browser behavior will not be executed (default false)

Returns

Boolean

Supported Clients

SmartClient, WebClient, NGClient

Sample

```

// this plugin uses the java keystroke parser
// see http://java.sun.com/j2se/1.5.0/docs/api/javawx/swing/KeyStroke.html#getKeyStroke(java.lang.String)
// global handler
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut);
// global handler with a form context filter
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut, 'frm_contacts');
// form method called when shortcut is used
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut);
// form method called when shortcut is used and arguments are passed to the method
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut, new Array(argument1,
argument2));
// Passing the method argument as a string prevents unnecessary form loading
//plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', new Array(argument1,
argument2));
// Passing the method as a name and the contextFilter set so that this shortcut only trigger on the form
'frm_contacts'.
plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', 'frm_contacts', new Array
(argument1, argument2));
// Num Lock and Subtract shortcuts
plugins.window.createShortcut("NUMPAD8", handleMyShortcut);
plugins.window.createShortcut("SUBTRACT", handleMyShortcut);
// remove global shortcut and form-level shortcut
plugins.window.removeShortcut('menu 1');
plugins.window.removeShortcut('control RIGHT', 'frm_contacts');
// consuming they keystroke so that a default browser event will not happen
plugins.window.createShortcut('F4', scopes.globals.handleOrdersShortcut, 'frm_contacts', null, true);
// shortcut handlers are called with an JSEvent argument
///
// * Handle keyboard shortcut.
//
// * @param {JSEvent} event the event that triggered the action
// */
//function handleShortcut(event)
//{
// application.output(event.getType()) // returns 'menu 1'
// application.output(event.getFormName()) // returns 'frm_contacts'
// application.output(event.getElementName()) // returns 'contact_name_field' or null when no element is
selected
//}
// NOTES:
// 1) shortcuts will not override existing operating system or browser shortcuts,
// choose your shortcuts carefully to make sure they work in all clients.
// 2) always use lower-case letters for modifiers (shift, control, etc.), otherwise createShortcut will fail.

```

createShortcut(shortcut, method)

Create a shortcut.

Parameters

String shortcut;
Function method the method/function that needs to be called when the shortcut is hit

Returns

Boolean

Supported Clients

SmartClient, WebClient, NGClient

Sample

```

// this plugin uses the java keystroke parser
// see http://java.sun.com/j2se/1.5.0/docs/api/javaw/swing/KeyStroke.html#getKeyStroke(java.lang.String)
// global handler
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut);
// global handler with a form context filter
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut, 'frm_contacts');
// form method called when shortcut is used
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut);
// form method called when shortcut is used and arguments are passed to the method
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut, new Array(argument1,
argument2));
// Passing the method argument as a string prevents unnecessary form loading
//plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', new Array(argument1,
argument2));
// Passing the method as a name and the contextFilter set so that this shortcut only trigger on the form
'frm_contacts'.
plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', 'frm_contacts', new Array
(argument1, argument2));
// Num Lock and Subtract shortcuts
plugins.window.createShortcut("NUMPAD8", handleMyShortcut);
plugins.window.createShortcut("SUBTRACT", handleMyShortcut);
// remove global shortcut and form-level shortcut
plugins.window.removeShortcut('menu 1');
plugins.window.removeShortcut('control RIGHT', 'frm_contacts');
// consuming they keystroke so that a default browser event will not happen
plugins.window.createShortcut('F4', scopes.globals.handleOrdersShortcut, 'frm_contacts', null, true);
// shortcut handlers are called with an JSEvent argument
///
// * Handle keyboard shortcut.
//
// * @param {JSEvent} event the event that triggered the action
// */
//function handleShortcut(event)
//{
// application.output(event.getType()) // returns 'menu 1'
// application.output(event.getFormName()) // returns 'frm_contacts'
// application.output(event.getElementName()) // returns 'contact_name_field' or null when no element is
selected
//}
// NOTES:
// 1) shortcuts will not override existing operating system or browser shortcuts,
// choose your shortcuts carefully to make sure they work in all clients.
// 2) always use lower-case letters for modifiers (shift, control, etc.), otherwise createShortcut will fail.

```

createShortcut(shortcut, method, arguments)

Create a shortcut.

Parameters

String shortcut ;
Function method the method/function that needs to be called when the shortcut is hit
Array arguments;

Returns

Boolean

Supported Clients

SmartClient,WebClient,NGClient

Sample

```

// this plugin uses the java keystroke parser
// see http://java.sun.com/j2se/1.5.0/docs/api/javawx/swing/KeyStroke.html#getKeyStroke(java.lang.String)
// global handler
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut);
// global handler with a form context filter
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut, 'frm_contacts');
// form method called when shortcut is used
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut);
// form method called when shortcut is used and arguments are passed to the method
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut, new Array(argument1,
argument2));
// Passing the method argument as a string prevents unnecessary form loading
//plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', new Array(argument1,
argument2));
// Passing the method as a name and the contextFilter set so that this shortcut only trigger on the form
'frm_contacts'.
plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', 'frm_contacts', new Array
(argument1, argument2));
// Num Lock and Subtract shortcuts
plugins.window.createShortcut("NUMPAD8", handleMyShortcut);
plugins.window.createShortcut("SUBTRACT", handleMyShortcut);
// remove global shortcut and form-level shortcut
plugins.window.removeShortcut('menu 1');
plugins.window.removeShortcut('control RIGHT', 'frm_contacts');
// consuming they keystroke so that a default browser event will not happen
plugins.window.createShortcut('F4', scopes.globals.handleOrdersShortcut, 'frm_contacts', null, true);
// shortcut handlers are called with an JSEvent argument
///
// * Handle keyboard shortcut.
//
// * @param {JSEvent} event the event that triggered the action
// */
//function handleShortcut(event)
//{
// application.output(event.getType()) // returns 'menu 1'
// application.output(event.getFormName()) // returns 'frm_contacts'
// application.output(event.getElementName()) // returns 'contact_name_field' or null when no element is
selected
//}
// NOTES:
// 1) shortcuts will not override existing operating system or browser shortcuts,
// choose your shortcuts carefully to make sure they work in all clients.
// 2) always use lower-case letters for modifiers (shift, control, etc.), otherwise createShortcut will fail.

```

createShortcut(shortcut, method, contextFilter)

Create a shortcut.

Parameters

String shortcut ;
Function method the method/function that needs to be called when the shortcut is hit
String contextFilter form or element name (ng only - specified by formName.elementName); only triggers the shortcut when on this form/element

Returns

Boolean

Supported Clients

SmartClient,WebClient,NGClient

Sample

```

// this plugin uses the java keystroke parser
// see http://java.sun.com/j2se/1.5.0/docs/api/javaw/swing/KeyStroke.html#getKeyStroke(java.lang.String)
// global handler
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut);
// global handler with a form context filter
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut, 'frm_contacts');
// form method called when shortcut is used
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut);
// form method called when shortcut is used and arguments are passed to the method
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut, new Array(argument1,
argument2));
// Passing the method argument as a string prevents unnecessary form loading
//plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', new Array(argument1,
argument2));
// Passing the method as a name and the contextFilter set so that this shortcut only trigger on the form
'frm_contacts'.
plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', 'frm_contacts', new Array
(argument1, argument2));
// Num Lock and Subtract shortcuts
plugins.window.createShortcut("NUMPAD8", handleMyShortcut);
plugins.window.createShortcut("SUBTRACT", handleMyShortcut);
// remove global shortcut and form-level shortcut
plugins.window.removeShortcut('menu 1');
plugins.window.removeShortcut('control RIGHT', 'frm_contacts');
// consuming they keystroke so that a default browser event will not happen
plugins.window.createShortcut('F4', scopes.globals.handleOrdersShortcut, 'frm_contacts', null, true);
// shortcut handlers are called with an JSEvent argument
///
// * Handle keyboard shortcut.
//
// * @param {JSEvent} event the event that triggered the action
// */
//function handleShortcut(event)
//{
// application.output(event.getType()) // returns 'menu 1'
// application.output(event.getFormName()) // returns 'frm_contacts'
// application.output(event.getElementName()) // returns 'contact_name_field' or null when no element is
selected
//}
// NOTES:
// 1) shortcuts will not override existing operating system or browser shortcuts,
// choose your shortcuts carefully to make sure they work in all clients.
// 2) always use lower-case letters for modifiers (shift, control, etc.), otherwise createShortcut will fail.

```

createShortcut(shortcut, method, contextFilter, arguments)

Create a shortcut.

Parameters

String shortcut ;
Function method the method/function that needs to be called when the shortcut is hit
String contextFilter form or element name (ng only - specified by formName.elementName); only triggers the shortcut when on this form/element
Array arguments ;

Returns

Boolean

Supported Clients

SmartClient,WebClient,NGClient

Sample

```

// this plugin uses the java keystroke parser
// see http://java.sun.com/j2se/1.5.0/docs/api/javaw/swing/KeyStroke.html#getKeyStroke(java.lang.String)
// global handler
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut);
// global handler with a form context filter
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut, 'frm_contacts');
// form method called when shortcut is used
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut);
// form method called when shortcut is used and arguments are passed to the method
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut, new Array(argument1,
argument2));
// Passing the method argument as a string prevents unnecessary form loading
//plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', new Array(argument1,
argument2));
// Passing the method as a name and the contextFilter set so that this shortcut only trigger on the form
'frm_contacts'.
plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', 'frm_contacts', new Array
(argument1, argument2));
// Num Lock and Subtract shortcuts
plugins.window.createShortcut("NUMPAD8", handleMyShortcut);
plugins.window.createShortcut("SUBTRACT", handleMyShortcut);
// remove global shortcut and form-level shortcut
plugins.window.removeShortcut('menu 1');
plugins.window.removeShortcut('control RIGHT', 'frm_contacts');
// consuming they keystroke so that a default browser event will not happen
plugins.window.createShortcut('F4', scopes.globals.handleOrdersShortcut, 'frm_contacts', null, true);
// shortcut handlers are called with an JSEvent argument
///
// * Handle keyboard shortcut.
//
// * @param {JSEvent} event the event that triggered the action
// */
//function handleShortcut(event)
//{
// application.output(event.getType()) // returns 'menu 1'
// application.output(event.getFormName()) // returns 'frm_contacts'
// application.output(event.getElementName()) // returns 'contact_name_field' or null when no element is
selected
//}
// NOTES:
// 1) shortcuts will not override existing operating system or browser shortcuts,
// choose your shortcuts carefully to make sure they work in all clients.
// 2) always use lower-case letters for modifiers (shift, control, etc.), otherwise createShortcut will fail.

```

createShortcut(shortcut, method, contextFilter, arguments, consumeEvent)

Create a shortcut.

Parameters

String shortcut ;
Function method the method/function that needs to be called when the shortcut is hit
String contextFilter form or element name (ng only - specified by formName.elementName); only triggers the shortcut when on this form/element
Array arguments ;
Boolean consumeEvent if true then the shortcut will consume the event and the default browser behavior will not be executed (default false)

Returns

Boolean

Supported Clients

SmartClient, WebClient, NGClient

Sample

```

// this plugin uses the java keystroke parser
// see http://java.sun.com/j2se/1.5.0/docs/api/javaw/swing/KeyStroke.html#getKeyStroke(java.lang.String)
// global handler
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut);
// global handler with a form context filter
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut, 'frm_contacts');
// form method called when shortcut is used
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut);
// form method called when shortcut is used and arguments are passed to the method
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut, new Array(argument1,
argument2));
// Passing the method argument as a string prevents unnecessary form loading
//plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', new Array(argument1,
argument2));
// Passing the method as a name and the contextFilter set so that this shortcut only trigger on the form
'frm_contacts'.
plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', 'frm_contacts', new Array
(argument1, argument2));
// Num Lock and Subtract shortcuts
plugins.window.createShortcut("NUMPAD8", handleMyShortcut);
plugins.window.createShortcut("SUBTRACT", handleMyShortcut);
// remove global shortcut and form-level shortcut
plugins.window.removeShortcut('menu 1');
plugins.window.removeShortcut('control RIGHT', 'frm_contacts');
// consuming they keystroke so that a default browser event will not happen
plugins.window.createShortcut('F4', scopes.globals.handleOrdersShortcut, 'frm_contacts', null, true);
// shortcut handlers are called with an JSEvent argument
///
// * Handle keyboard shortcut.
//
// * @param {JSEvent} event the event that triggered the action
// */
//function handleShortcut(event)
//{
// application.output(event.getType()) // returns 'menu 1'
// application.output(event.getFormName()) // returns 'frm_contacts'
// application.output(event.getElementName()) // returns 'contact_name_field' or null when no element is
selected
//}
// NOTES:
// 1) shortcuts will not override existing operating system or browser shortcuts,
// choose your shortcuts carefully to make sure they work in all clients.
// 2) always use lower-case letters for modifiers (shift, control, etc.), otherwise createShortcut will fail.

```

getMenuBar()

Get the menubar of the main window, or of a named window.

Returns

[MenuBar](#)

Supported Clients

SmartClient, WebClient, NGClient

Sample

```
// create a new window
var win = application.createWindow("windowName", JSWindow.WINDOW);
// show a form in the new window
forms.my_form.controller.show(win);
// retrieve the menubar of the new window
var menubar = plugins.window.getMenuBar("windowName");
// add a new menu to the menubar, with an item in it
var menu = menubar.addMenu();
menu.text = "New Menu";
menu.addMenuItem("an entry", feedback);
// retrieve the menubar of the main window
var mainMenubar = plugins.window.getMenuBar();
// add a new menu to the menubar of the main window
var menuMain = mainMenubar.addMenu();
menuMain.text = "New Menu in Main Menubar";
menuMain.addMenuItem("another entry", feedback);
```

getMenuBar(windowName)

Get the menubar of the main window, or of a named window.

Parameters

[String](#) windowName the name of the window

Returns

[MenuBar](#)

Supported Clients

SmartClient, WebClient, NGClient

Sample

```
// create a new window
var win = application.createWindow("windowName", JSWindow.WINDOW);
// show a form in the new window
forms.my_form.controller.show(win);
// retrieve the menubar of the new window
var menubar = plugins.window.getMenuBar("windowName");
// add a new menu to the menubar, with an item in it
var menu = menubar.addMenu();
menu.text = "New Menu";
menu.addMenuItem("an entry", feedback);
// retrieve the menubar of the main window
var mainMenubar = plugins.window.getMenuBar();
// add a new menu to the menubar of the main window
var menuMain = mainMenubar.addMenu();
menuMain.text = "New Menu in Main Menubar";
menuMain.addMenuItem("another entry", feedback);
```

getToolBar(window, name)

Get the toolbar of a specific window from the toolbar panel by name.

Parameters

[Object](#) window;

[String](#) name ;

Returns

[ToolBar](#)

Supported Clients

SmartClient, WebClient, NGClient

Sample

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

// create a window
    var win = application.createWindow("myWindow", JSWindow.WINDOW);
// the toolbar must first be created with a call to addToolBar
plugins.window.addToolBar(win,"toolbar_0");

// show the empty toolbar and wait 4 seconds
win.show(forms.MyForm)
application.updateUI(4000)

// get the toolbar at the panel by name
var toolbar = plugins.window.getToolBar(win,"toolbar_0");
// add a button to the toolbar
toolbar.addButton("button", callback_function);
```

getToolBar(name)

Get the toolbar from the toolbar panel by name.

Parameters

[String](#) name;

Returns

[ToolBar](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

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

// the toolbar must first be created with a call to addToolBar
plugins.window.addToolBar("toolbar_0");

// get the toolbar at the panel by name
var toolbar = plugins.window.getToolBar("toolbar_0");
// add a button to the toolbar
toolbar.addButton("button", feedback_button);
```

getToolBarNames()

Get all toolbar names from the toolbar panel.

Returns

[Array](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

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

// create an array of toolbar names
var names = plugins.window.getToolBarNames();

// create an empty message variable
var message = "";

// loop through the array
for (var i = 0 ; i < names.length ; i++) {
    //add the name(s) to the message
    message += names[i] + "\n";
}

// show the message
plugins.dialogs.showInfoDialog("toolbar names", message);
```

getToolBarNames(window)

Get all toolbar names from the toolbar panel of a specific window.

Parameters

[Object](#) window;

Returns

[Array](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// Note: method getToolBarNames only works in the smart client.
// create a window
var win = application.createWindow("myWindow", JSWindow.WINDOW);
// the toolbar must first be created with a call to addToolBar
plugins.window.addToolBar(win,"toolbar_0");
plugins.window.addToolBar(win,"toolbar_1");
// create an array of toolbar names
var names = plugins.window.getToolBarNames(win);

// create an empty message variable
var message = "";

// loop through the array
for (var i = 0 ; i < names.length ; i++) {
    //add the name(s) to the message
    message += names[i] + "\n";
}

// show the message
plugins.dialogs.showInfoDialog("toolbar names", message);
```

maximize()

Maximize the current window or the window with the specified name (Smart client only).

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// maximize the main window:
plugins.window.maximize();

// create a new window
var win = application.createWindow("windowName", JSWindow.WINDOW);
// show a form in the new window
forms.my_form.controller.show(win);
// maximize the window
plugins.window.maximize("windowName");
```

maximize(windowName)

Maximize the current window or the window with the specified name (Smart client only).

Parameters

[String](#) windowName;

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// maximize the main window:
plugins.window.maximize();

// create a new window
var win = application.createWindow("windowName", JSWindow.WINDOW);
// show a form in the new window
forms.my_form.controller.show(win);
// maximize the window
plugins.window.maximize("windowName");
```

removeShortcut(shortcut)

Remove a shortcut.

Parameters

[String](#) shortcut;

Returns

[Boolean](#)

Supported Clients

SmartClient, WebClient, NGClient

Sample

```
// this plugin uses the java keystroke parser
// see http://java.sun.com/j2se/1.5.0/docs/api/javaw/swing/KeyStroke.html#getKeyStroke(java.lang.String)
// global handler
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut);
// global handler with a form context filter
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut, 'frm_contacts');
// form method called when shortcut is used
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut);
// form method called when shortcut is used and arguments are passed to the method
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut, new Array(argument1,
argument2));
// Passing the method argument as a string prevents unnecessary form loading
//plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', new Array(argument1,
argument2));
// Passing the method as a name and the contextFilter set so that this shortcut only trigger on the form
'frm_contacts'.
plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', 'frm_contacts', new Array
(argument1, argument2));
// Num Lock and Subtract shortcuts
plugins.window.createShortcut("NUMPAD8", handleMyShortcut);
plugins.window.createShortcut("SUBTRACT", handleMyShortcut);
// remove global shortcut and form-level shortcut
plugins.window.removeShortcut('menu 1');
plugins.window.removeShortcut('control RIGHT', 'frm_contacts');
// consuming they keystroke so that a default browser event will not happen
plugins.window.createShortcut('F4', scopes.globals.handleOrdersShortcut, 'frm_contacts', null, true);
// shortcut handlers are called with an JSEvent argument
///
// * Handle keyboard shortcut.
//
// * @param {JSEvent} event the event that triggered the action
// */
//function handleShortcut(event)
//{
// application.output(event.getType()) // returns 'menu 1'
// application.output(event.getFormName()) // returns 'frm_contacts'
// application.output(event.getElementName()) // returns 'contact_name_field' or null when no element is
selected
//}
// NOTES:
// 1) shortcuts will not override existing operating system or browser shortcuts,
// choose your shortcuts carefully to make sure they work in all clients.
// 2) always use lower-case letters for modifiers (shift, control, etc.), otherwise createShortcut will fail.
```

removeShortcut(shortcut, contextFilter)

Remove a shortcut.

Parameters

[String](#) shortcut ;
[String](#) contextFilter form or element name (ng only - specified by formName.elementName); only triggers the shortcut when on this form/element

Returns

[Boolean](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// this plugin uses the java keystroke parser
// see http://java.sun.com/j2se/1.5.0/docs/api/javawx/swing/KeyStroke.html#getKeyStroke(java.lang.String)
// global handler
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut);
// global handler with a form context filter
plugins.window.createShortcut('control shift I', scopes.globals.handleOrdersShortcut, 'frm_contacts');
// form method called when shortcut is used
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut);
// form method called when shortcut is used and arguments are passed to the method
plugins.window.createShortcut('control RIGHT', forms.frm_contacts.handleMyShortcut, new Array(argument1,
argument2));
// Passing the method argument as a string prevents unnecessary form loading
//plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', new Array(argument1,
argument2));
// Passing the method as a name and the contextFilter set so that this shortcut only trigger on the form
'frm_contacts'.
plugins.window.createShortcut('control RIGHT', 'frm_contacts.handleMyShortcut', 'frm_contacts', new Array
(argument1, argument2));
// Num Lock and Subtract shortcuts
plugins.window.createShortcut("NUMPAD8", handleMyShortcut);
plugins.window.createShortcut("SUBTRACT", handleMyShortcut);
// remove global shortcut and form-level shortcut
plugins.window.removeShortcut('menu 1');
plugins.window.removeShortcut('control RIGHT', 'frm_contacts');
// consuming they keystroke so that a default browser event will not happen
plugins.window.createShortcut('F4', scopes.globals.handleOrdersShortcut, 'frm_contacts', null, true);
// shortcut handlers are called with an JSEvent argument
/**
 * Handle keyboard shortcut.
 */
/**
 * @param {JSEvent} event the event that triggered the action
 */
function handleShortcut(event)
{
  // application.output(event.getType()) // returns 'menu 1'
  // application.output(event.getFormName()) // returns 'frm_contacts'
  // application.output(event.getElementName()) // returns 'contact_name_field' or null when no element is
  selected
}
// NOTES:
// 1) shortcuts will not override existing operating system or browser shortcuts,
// choose your shortcuts carefully to make sure they work in all clients.
// 2) always use lower-case letters for modifiers (shift, control, etc.), otherwise createShortcut will fail.
```

removeToolBar(window, name)

Remove the toolbar from the toolbar panel of a specific window.

Parameters

[Object](#) window ;
[String](#) name ;

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// Note: method removeToolBar only works in the smart client.
// create a window
    var win = application.createWindow("myWindow", JSWindow.WINDOW);
// the toolbar must first be created with a call to addToolBar
var toolbar = plugins.window.addToolBar(win,"toolbar_0");

// add a button to the toolbar
toolbar.addButton("button", callbackMethod);

// show the toolbar with the button and wait 4 seconds, then remove it
win.show(forms.MyForm)
application.updateUI(4000)

// removing a toolbar from the toolbar panel is done by name
// the plugin checks the existence of the toolbar
// when the toolbar does not exist it will not throw an error though.
plugins.window.removeToolBar(win,"toolbar_0");
```

removeToolBar(name)

Remove the toolbar from the toolbar panel.

Parameters

[String](#) name;

Supported Clients

SmartClient,WebClient,NGClient

Sample

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

// the toolbar must first be created with a call to addToolBar
var toolbar = plugins.window.addToolBar("toolbar_0");

// add a button to the toolbar
toolbar.addButton("button", feedback_button);

// removing a toolbar from the toolbar panel is done by name
// the plugin checks the existence of the toolbar
// when the toolbar does not exist it will not throw an error though.
plugins.window.removeToolBar("toolbar_0");
```

setFullScreen(full)

Bring the window into/out of fullscreen mode.

Parameters

[Boolean](#) full;

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// active fullscreen mode
plugins.window.setFullScreen(true);
```

setStatusBarVisible(visible)

Show or hide the statusbar.

Parameters

[Boolean](#) visible;

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// hide the statusbar
plugins.window.setStatusBarVisible(false);
```

setToolBarAreaVisible(visible)

Show or hide the toolbar area.

Parameters

Boolean visible ;

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// hide the toolbar area
plugins.window.setToolBarAreaVisible(false);
```

showFormPopup(elementToShowRelatedTo, form, scope, dataproviderID)

Show a form as popup panel, where the closeFormPopup can pass return a value to a dataprovider in the specified scope.

Parameters

Object elementToShowRelatedTo element to show related to or null to center in screen
Object form the form to show
Object scope the scope to put retval into
String dataproviderID the dataprovider of scope to fill

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// Show a form as popup panel, where the closeFormPopup can pass return a value to a dataprovider in the
specified scope.
plugins.window.showFormPopup(null,forms.orderPicker,foundset.getSelectedRecord(),"order_id");
// do call closeFormPopup(ordervalue) from the orderPicker form
```

showFormPopup(elementToShowRelatedTo, form, scope, dataproviderID, width, height)

Show a form as popup panel, where the closeFormPopup can pass return a value to a dataprovider in the specified scope.

Parameters

Object elementToShowRelatedTo element to show related to or null to center in screen
Object form the form to show
Object scope the scope to put retval into
String dataproviderID the dataprovider of scope to fill
Number width popup width
Number height popup height

Supported Clients

SmartClient,WebClient,NGClient

Sample

```
// Show a form as popup panel, where the closeFormPopup can pass return a value to a dataprovider in the
specified scope.
plugins.window.showFormPopup(null,forms.orderPicker,foundset.getSelectedRecord(),"order_id");
// do call closeFormPopup(ordervalue) from the orderPicker form
```

showFormPopup(elementToShowRelatedTo, form, scope, dataproviderID, width, height, x, y)

Show a form as popup panel, where the closeFormPopup can pass return a value to a dataprovider in the specified scope. Can show relative to a component or at specified coordinates.
 Show on specified location is only supported in NGClient.

Parameters

Object	elementToShowRelatedTo	element to show related to or null to center in screen
Object	form	the form to show
Object	scope	the scope to put retval into
String	dataProviderID	the dataprovider of scope to fill
Number	width	popup width
Number	height	popup height
Number	x	popup x location
Number	y	popup y location

Supported Clients

NGClient

Sample

```
// Show a form as popup panel, where the closeFormPopup can pass return a value to a dataprovider in the
// specified scope.
plugins.window.showFormPopup(null, forms.orderPicker, foundset.getSelectedRecord(), "order_id");
// plugins.window.showFormPopup(null, forms.orderPicker, foundset.getSelectedRecord(), "order_id", -1, -1, 100, 100);
// do call closeFormPopup(ordervalue) from the orderPicker form
```