

# Form

## Event Summary

Boolean	<a href="#">onHide</a> The method that is triggered when another form is being activated.
	<a href="#">onLoad</a> The method that is triggered when a form is loaded/reloaded from the repository; used to alter elements, set globals, hide toolbars, etc; onShow method can also be assigned.
	<a href="#">onRecordSelection</a> The method that is triggered each time a record is selected.
	<a href="#">onShow</a> The method that is triggered EVERY TIME the form is displayed; an argument must be passed to the method if this is the first time the form is displayed.

## Property Summary

String	<a href="#">dataSource</a> The names of the database server and table that this form is linked to.
String	<a href="#">deprecated</a> Gets the deprecate info for this element
Number	<a href="#">encapsulation</a> The encapsulation mode of this persist.
String	<a href="#">name</a> The name of the form.
Number	<a href="#">navigator</a> The navigator is a form that usually handles navigation in application.

## Event Details

### onHide

The method that is triggered when another form is being activated.

NOTE: If the onHide method returns false, the form can be prevented from hiding.

For example, when using onHide with showFormInDialog, the form will not close by clicking the dialog close box (X).

#### Parameters

{JSEvent} event - the event that triggered the action

#### Returns

Boolean

### onLoad

The method that is triggered when a form is loaded/reloaded from the repository; used to alter elements, set globals, hide toolbars, etc; onShow method can also be assigned.

NOTE: onShow should be used to access current foundset dataproviders; onLoad cannot be used because the foundset data is not loaded until after the form is loaded.

Also calls to loadRecords() should be done in the onShow method and not in the onLoad method

If you call loadRecords() in the onShow method, you may want to set the namedFoundSet property of the form to 'empty' to prevent the first default form query.

NOTE: the onLoad event bubbles down, meaning that the onLoad is first fired on the parent then on a tab in a tabpanel (and in tab of that tab panels if you are 3 deep)

#### Parameters

{JSEvent} event - the event that triggered the action

### onRecordSelection

The method that is triggered each time a record is selected.

If a form is in List view or Special table view - when the user clicks on it.

In Record view - after the user navigates to another record using the slider or clicks up or down for next/previous record.

NOTE: Data and Servoy tag values are returned when the onRecordSelection method is executed.

#### Parameters

{JSEvent} event - the event that triggered the action

## onShow

The method that is triggered EVERY TIME the form is displayed; an argument must be passed to the method if this is the first time the form is displayed.

NOTE: onShow can be used to access current foundset dataproviders; onLoad cannot be used because the foundset data is not loaded until after the form is loaded.

NOTE: the onShow event bubbles down, meaning that the onShow event of a form displayed in a tabPanel is fired after the onShow event of the parent.

### Parameters

{Boolean} firstShow - form is shown first time after load

{JSEvent} event - the event that triggered the action

## Property Details

### dataSource

The names of the database server and table that this form is linked to.

### Returns

String

### deprecated

Gets the deprecate info for this element

### Returns

String - the deprecate info for this element or null if it is not deprecated

### encapsulation

The encapsulation mode of this persist. The following can be used/checked:

- Public (not a separate option - if none of the below options are selected)
- Hide in scripting; Module Scope - not available in scripting from any other context except the form itself. Available in designer for the same module.
- Module Scope - available in both scripting and designer but only in the same module.
- Hide Dataproviders (checked by default)
- Hide Foundset (checked by default)
- Hide Controller (checked by default)
- Hide Elements (checked by default)

### Returns

Number - the encapsulation mode/level of the persist.

### name

The name of the form.

### Returns

String

### navigator

The navigator is a form that usually handles navigation in application. It is displayed on left side of the screen. Can also have value SM\_DEFAULTS. NONE (no navigator) or SM\_DEFAULTS.IGNORE (reuse current form navigator).

### Returns

Number