Form

Command Summary

#onDeleteAllRecords
The method that overrides the Servoy menu item Select > Delete All.
#onDeleteRecord
The method that overrides the Servoy menu item Select > Delete Record (or keyboard shortcut).
#onDuplicateRecord
The method that overrides the Servoy menu item Select > Duplicate Record (or keyboard shortcut).
#onFind
The method that overrides the Servoy menu item Select > Find (or keyboard shortcut) in Data (ready) mode.
#onInvertRecords
The method that overrides the Servoy menu item Select > Invert Records.
#onNewRecord
The method that overrides the Servoy menu item Select > New Record (or keyboard shortcut).
#onNextRecord
The method that overrides the Servoy menu item Select > Next Record.
#onOmitRecord
The method that overrides the Servoy menu item Select > Omit Record.
#onPreviousRecord
The method that overrides the Servoy menu item Select > Previous Record.
#onPrintPreview
The method that overrides the Servoy menu item File > Print Preview.
#onSearch
The method that overrides the Servoy menu item Select > Search (or keyboard shortcut) in Find mode.
#onShowAllRecords
The method that overrides the Servoy menu item Select > Show All (or keyboard shortcut).
#onShowOmittedRecords
The method that overrides the Servoy menu item Select > Show Omitted Records.
#onSort
The method that overrides the Servoy menu item Select > Sort.

Event Summary

#onDrag
The method that is triggered when (non Design Mode) dragging occurs.
#onDragEnd
The method that is triggered when (non Design Mode) dragging end occurs.
Boolean #onDragOver
The method that is triggered when (non Design Mode) dragging over a component occurs.
Boolean #onDrop
The method that is triggered when (non Design Mode) dropping occurs.
Boolean #onElementFocusGained
The method that is triggered when focus is gained by a component inside the form.
Boolean #onElementFocusLost
The method that gets triggered when focus is lost by a component inside the form.
Boolean #onHide
The method that is triggered when another form is being activated.
#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.
Boolean #onRecordEditStart
The method that is triggered when a user clicks into a column on the form.
Boolean #onRecordEditStop
The method that is triggered when a record is being saved.
#onRecordSelection
The method that is triggered each time a record is selected.
#onRender
The method that is executed when the component is rendered.
#onResize
The method that gets triggered when resize occurs.
#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.
#onUnLoad
The method that is triggered when a form is unloaded from the repository.

Property Summary

String	#borderType The type, color and style of border.
String	#dataSource The names of the database server and table that this form is linked to.
String	#defaultPageFormat The default page format for the form.
Number	#encapsulation
Number	#extends
String	#initialSort The default sort order only when the form loads.
String	#name The name of the form.
String	#namedFoundSet Property that tells the form to use a named foundset instead of the default foundset.
Number	#navigator The navigator (previously named "controller") that is used to control/navigate to the form.
Number	#paperPrintScale The percentage value the printed page is enlarged or reduced to; the size of the printed form is inversely proportional.
String	#rowBGColorCalculation The calculation dataprovider used to add background color and highlight selected or alternate rows.
Number	#scrollbars Scrollbar options for the vertical and horizontal scrollbars.
Boolean	#showInMenu When set, the form is displayed under the Window menu.
String	#styleClass The Cascading Style Sheet (CSS) class name applied to the form.
String	#styleName The name of the Servoy style that is being used on the form.
String	#titleText The text that displays in the title bar of the form window.
Boolean	#transparent When set, the form is transparent.
Number	#view The default form view mode.
Number	#width The width of the form in pixels.

Command Details

onDeleteAllRecords

The method that overrides the Servoy menu item Select > Delete All.
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters

{JSEvent} event – the event that triggered the action

onDeleteRecord

The method that overrides the Servoy menu item Select > Delete Record (or keyboard shortcut).
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters

{JSEvent} event – the event that triggered the action

onDuplicateRecord

The method that overrides the Servoy menu item Select > Duplicate Record (or keyboard shortcut).
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters

{JSEvent} event – the event that triggered the action

onFind

The method that overrides the Servoy menu item Select > Find (or keyboard shortcut) in Data (ready) mode.
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters

{JSEvent} event – the event that triggered the action

onInvertRecords

The method that overrides the Servoy menu item Select > Invert Records.
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters

{JSEvent} event – the event that triggered the action

onNewRecord

The method that overrides the Servoy menu item Select > New Record (or keyboard shortcut).
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters
{JSEvent} event – the event that triggered the action

onNextRecord

The method that overrides the Servoy menu item Select > Next Record.
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters
{JSEvent} event – the event that triggered the action

onOmitRecord

The method that overrides the Servoy menu item Select > Omit Record.
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters
{JSEvent} event – the event that triggered the action

onPreviousRecord

The method that overrides the Servoy menu item Select > Previous Record.
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters
{JSEvent} event – the event that triggered the action

onPrintPreview

The method that overrides the Servoy menu item File > Print Preview.
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters
{JSEvent} event – the event that triggered the action

onSearch

The method that overrides the Servoy menu item Select > Search (or keyboard shortcut) in Find mode.
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters
{Boolean} clear – clear last results
{Boolean} reduce – reduce search
{JSEvent} event – the event that triggered the action

onShowAllRecords

The method that overrides the Servoy menu item Select > Show All (or keyboard shortcut).
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters
{JSEvent} event – the event that triggered the action

onShowOmittedRecords

The method that overrides the Servoy menu item Select > Show Omitted Records.
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters
{JSEvent} event – the event that triggered the action

onSort

The method that overrides the Servoy menu item Select > Sort.
This property is automatically set to "DEFAULT" (no override) when the form is created.

Parameters
{String} dataProviderID – element data provider
{Boolean} asc – sort ascending [true] or descending [false]
{JSEvent} event – the event that triggered the action

Event Details

onDrag

The method that is triggered when (non Design Mode) dragging occurs.

onDragEnd

The method that is triggered when (non Design Mode) dragging end occurs.

onDragOver

The method that is triggered when (non Design Mode) dragging over a component occurs.

Returns
Boolean

onDrop

The method that is triggered when (non Design Mode) dropping occurs.

Returns
Boolean

onElementFocusGained

The method that is triggered when focus is gained by a component inside the form.

Parameters
{JSEvent} event – the event that triggered the action

Returns
Boolean

onElementFocusLost

The method that gets triggered when focus is lost by a component inside the form.

Parameters
{JSEvent} event – the event that triggered the action

Returns
Boolean

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

onRecordEditStart

The method that is triggered when a user clicks into a column on the form.
NOTE: There is a small "e" displayed in the lower left side of the Servoy Client screen in the status area at the bottom of the window when the record is being edited.

Parameters
{JSEvent} event – the event that triggered the action

Returns
Boolean

onRecordEditStop

The method that is triggered when a record is being saved.
A record is saved when a user clicks out of it (for example on an empty part of the layout or to another form); can return false (for example as part of a validation) where a condition must be changed to return true.
NOTE: The name of this property has been changed from onRecordSave.

Parameters
{JSEvent} event – the event that triggered the action

Returns
Boolean

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

onRender

The method that is executed when the component is rendered.

Parameters
{JSRenderEvent} event – the render event

onResize

The method that gets triggered when resize occurs.

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

onUnLoad

The method that is triggered when a form is unloaded from the repository.
NOTE: Forms can be prevented from being removed from memory by referencing the form object in a global variable or inside an array inside a global variable. Do take care using this technique.
Forms take up memory and if too many forms are in memory and cannot be unloaded, there is a possibility of running out of memory.

Parameters
{JSEvent} event – the event that triggered the action

Property Details

borderType

The type, color and style of border.
This property is automatically set to "DEFAULT" when a new form is created.

Returns
String

dataSource

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

Returns
String

defaultPageFormat

The default page format for the form.

Returns
String

encapsulation

Replace with description

Returns
Number

extends

Replace with description

Returns
Number

initialSort

The default sort order only when the form loads.
This is applied each time an internal SQL query is being executed (find, find-all, open form); and is only executed when no other manual sort has been performed on the foundset.

Returns
String

name

The name of the form.

Returns
String

namedFoundSet

Property that tells the form to use a named foundset instead of the default foundset.
When "separate" as special value is specified the form will always create a copy of assigned foundset and therefor become separated from other foundsets

Returns
String

navigator

The navigator (previously named "controller")
that is used to control/navigate to the form. The navigator is shown at
the left or at the right side of the form, depending on the page orientation.

The following options are available:
-none- - no navigator is assigned.
DEFAULT - the Servoy default navigator is assigned.
IGNORE - the navigator last assigned to a previous form.
Custom - a custom navigator based on a selected form.

Returns
Number

paperPrintScale

The percentage value the printed page is enlarged or reduced to; the size of the printed form is inversely proportional. For example, if the paperPrintScale is 50, the printed form will be enlarged 200%.

Returns
Number

rowBGColorCalculation

The calculation dataprovider used to add background color and highlight selected or alternate rows. The default is -none-.

Returns
String

scrollbars

Scrollbar options for the vertical and horizontal scrollbars. Each of the vertical and horizontal scrollbars can be configured to display all the time, to display only when needed or to never display.

Returns
Number

showInMenu

When set, the form is displayed under the Window menu.
If it is not set, the form will be 'hidden'.
NOTE: This is only applicable for Servoy Client. Servoy Developer always shows all forms so that developers have access to all forms within a solution during development.

Returns
Boolean

styleClass

The Cascading Style Sheet (CSS) class name applied to the form.

Returns
String

styleName

The name of the Servoy style that is being used on the form.

Returns
String

titleText

The text that displays in the title bar of the form window.
NOTE: Data tags and Servoy tags can be used as part of the title text.

Returns
String

transparent

When set, the form is transparent.

Returns
Boolean

view

The default form view mode.

The view can be changed using a method at runtime. The following views are available:
- Record view
- List view
- Record view (locked)
- List view (locked)
- Table View (locked)

NOTE: Only Table View (locked) uses asynchronized related data loading.
This feature defers all related foundset data loading to the background - enhancing the visual display of a related foundset.

Returns
Number

width

The width of the form in pixels.

Returns
Number