
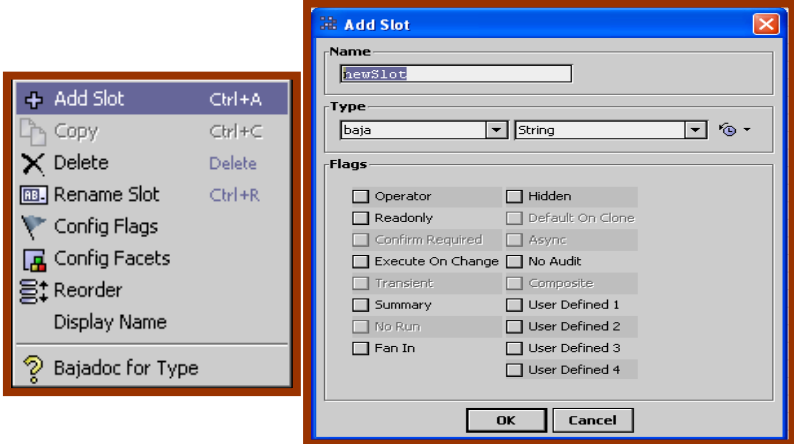
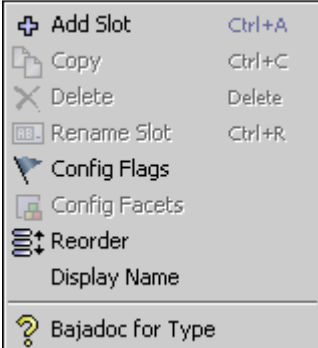


Slot Sheet View

FROM: Topic 7.3, View Pane											
Slot Sheet view	The Slot Sheet view is used to view all of the “slots” of a component. Here slots may be added, deleted, renamed, reordered or configured.										
Slots	Niagara components are defined as a collection of “slots.” These define both the characteristics (Properties) of a component and how those components will behave (Actions) when a user invokes a <u>command</u> or an <u>event</u> occurs.										
Slot attributes	<div><div><div>SLOT ATTRIBUTES<ul style="list-style-type: none">TypeNameDefinitionFlagsFacets</div></div><p>Slots are either “Frozen” or “Dynamic.”</p><p>FROZEN SLOTS Frozen slots CANNOT be edited. They are hard-coded so that they are consistent across all instances of a specified slot type.</p><p>DYNAMIC SLOTS Dynamic slots may be added, deleted, renamed or reordered during runtime – they CAN change. There is no limit on the number of dynamic slots to a component.</p></div>										
Flags	Flags modify how an object is presented or <u>behaves</u> , such as: <ul style="list-style-type: none">⊕ Read-only⊕ Operator allowed⊕ Hidden										
Facets	Facets determine how an object is <u>displayed</u> in the station: <ul style="list-style-type: none">⊕ Engineering units & decimal precision (for numeric points)⊕ Descriptive value (state) text (for boolean & enum points)										
Working with components	<table><tr><th>COMPONENT ACTION</th><th>SLOT SHEET</th></tr><tr><td>Add new <i>slots</i> on components</td><td>x</td></tr><tr><td>Delete existing <i>slots</i> on components</td><td>x</td></tr><tr><td>Rename components* and <i>slots</i> on components</td><td>x</td></tr><tr><td>Reorder components*</td><td>x</td></tr></table>	COMPONENT ACTION	SLOT SHEET	Add new <i>slots</i> on components	x	Delete existing <i>slots</i> on components	x	Rename components* and <i>slots</i> on components	x	Reorder components*	x
	COMPONENT ACTION	SLOT SHEET									
	Add new <i>slots</i> on components	x									
	Delete existing <i>slots</i> on components	x									
	Rename components* and <i>slots</i> on components	x									
	Reorder components*	x									
* When viewing components in a container, these “child” components appear as slots of the “parent” component (container).											

Slot Sheet View

<p><i>Right-click pop-up menu</i></p>	<p>Most of the component interactions you will encounter on the Slot Sheet view will be accomplished using the right-click pop-up menu.</p>  <p>The image shows a right-click pop-up menu with the following options: Add Slot (Ctrl+A), Copy (Ctrl+C), Delete (Delete), Rename Slot (Ctrl+R), Config Flags, Config Facets, Reorder, Display Name, and Bajadoc for Type.</p>
<p><i>Adding slots</i></p>	<p>To add a slot to a component, <u>right-click</u> on a slot or on the blank space at the bottom of the Slot Sheet. From the pop-up menu, select “Add Slot.” Configure the slot using the Add Slot dialog box. A new slot appears at the end of the table.</p>  <p>The image shows the 'Add Slot' dialog box. It has a 'Name' field with 'newSlot' entered, a 'Type' dropdown set to 'baja' and 'String', and a 'Flags' section with various checkboxes: Operator, Hidden, Readonly, Default: On Clone, Confirm Required, Async, Execute On Change, No Audit, Transient, Composite, Summary, User Defined 1, No Run, User Defined 2, Fan In, User Defined 3, and User Defined 4. The 'OK' and 'Cancel' buttons are at the bottom.</p>
<p><i>Deleting slots</i></p>	<p>To delete a slot, <u>right-click</u> on any dynamic slot (as indicated in the Definition column) and select “Delete” from the pop-up menu. Dynamic slots may be added, deleted, renamed, and reordered during runtime - they can change. Frozen slots CANNOT change; they are hard-coded so that they are consistent across all instances of a specified slot type.</p> <p>NOTE: The “Delete” selection in the pop-up menu is grayed-out for Frozen slots.</p>  <p>The image shows a right-click pop-up menu similar to the first one, but the 'Delete' option is grayed-out, indicating it is not available for frozen slots.</p>

Slot Sheet View

<p><i>Renaming slots</i></p>	<p>To rename a slot, <u>right-click</u> on any dynamic slot (as indicated in the Definition column).</p> <p>NOTE: The “Rename” selection in the pop-up menu is grayed-out for Frozen slots.</p> <div data-bbox="771 348 1096 699" data-label="Image"> </div> <p>From the pop-up menu, select “Rename Slot.” Type the new name in the Rename dialog box. The new name now appears for both the “Name” and “Displayed Name” columns.</p>
<p><i>Changing slot display names</i></p>	<p>You can rename the Display Name of any frozen or dynamic slot by <u>right-clicking</u> and selecting “Display Name” from the pop-up menu, OR by double-clicking the slot to change the display name. Then, type in the desired display name in the dialog box.</p> <div data-bbox="462 982 1404 1165" data-label="Image"> </div>
<p><i>Reordering slots</i></p>	<p>To reorder dynamic slots for a component, <u>right-click</u> on any dynamic slot, select “Reorder” from the pop-up menu. Reorder using the “Move Up” and “Move Down” buttons. The new slot order appears.</p> <div data-bbox="698 1291 1166 1707" data-label="Image"> </div>

Slot Sheet View

Property and
Wire sheet
equivalents

