Sorting elements

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Sorting elements manually

When creating a model, most of the elements are sorted alphabetically in the model browser. However, if you want to customize the structure of your model, you can sort the inner elements of any model element manually. For example, you can change the order of the Packages owned by the parent *Mod el* element.

Sorting elements in server projects. Model elements can only be reordered if they or elements with the same owner are not locked by another user.

To sort model elements manually

- 1. In the model browser, double click the model element that owns the elements you want to sort. Its Specification window opens.
- 2. In the property group list on the left side of the window, select the Inner Elements node.
- 3. Make sure the sorting view is selected in the Specification window toolbar, as displayed in the figure below.
- 4. On the right side of the window, select the element that you want to move up or down in the model browser.

Sorting multiple elements elements, select multiple elements by clicking the first or last element of the group. Then press Shift+ to select

elements below it or Shift+ to select elements above it.

- 5. Do one of the following:
 - Click the Up button on the bottom of the window, to move the element up.
 - Click the **Down** button on the bottom of the window, to move the element down.
- 6. Repeat step 5 until the element is in the desired position.
- 7. Close the Specification window.

Once you sort elements in the Specification window of the owning element, the elements are instantly reordered in the model browser as well. The newly created elements of the sorted element type are automatically placed at the bottom.

Specification of Model System Structure

Model inner elements

The Inner elements node contains a list of Model inner elements. Create or delete inner elements. Select an element and click the Up or Down buttons to change its position in the Containment tree. Click "Sort A to Z" to restore the default sort order. Use the inner element specification button to edit properties of a specific inner element.

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System Structure System Structure System Structure System Structure System Traceability System Structure System S		
	Name	Туре
	Abstraction Diagram	
	System Structure	🔠 SysML Block Definition Diagram
	Information Flow □ Package	
	Constraints	🔁 Package
	Hardware	Package
	Signals	🖻 Package 🔳
	Software	Package
	System Interfaces	Package
	Transferable Entities	Package
	ValueTypes	Package
	Sort A to Z	Down Create Clone Delete
		Close Back Forward Help

Sorting inner Packages of the System Structure Package.

Sorting elements alphabetically

If you have sorted the elements of your model manually, as described above, but want to restore alphabetical element sorting, you can do it in the Specification window of the owning element.

Red elements can only be reordered if they or elements with the same owner are not locked by another user.

To sort model elements alphabetically

- 1. In the model browser, double click the model element owning the elements you want to sort. Its Specification window opens.
- 2. In the property group list on the left side of the window, select the Inner Elements node.
- 3. Make sure the sorting view is selected in the Specification window toolbar, as displayed in the figure above.
- 4. On the right side of the window, select any element in the group of elements that you want to sort.
- 5. Click the Sort A to Z button.

We Sirk A to Z button is disabled (grayed out), the elements of the selected element group are already sorted alphabetically.

6. Close the Specification window.

After completing the steps above, all the elements in the selected element group are sorted alphabetically.

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