


# Element Numbering dialog

The **Element Numbering** dialog is designed to number elements by setting the ID, select different numbering schemes, or modify numbering properties that are defined by the numbering customization. Using this dialog, you can also change, remove, and update the element ID, as well as you can change the number separator, prefix, and the numbering scheme.


 Numbering changes you make for the selected element will be applied to all elements owned by the selected element.

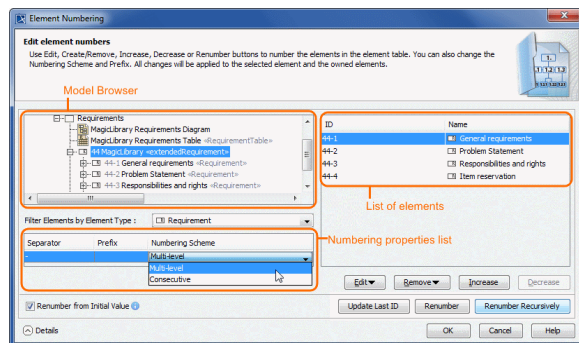
## Related pages

- [Automatic numbering](#)
- [Manual numbering](#)

To open the **Element Numbering** dialog

1. Select the model element you want to number.
2. Open the selected element's shortcut menu and click **Element Numbering**.


 The command **Element Numbering** is available, if [numbering customization](#) for the selected element type is created.



Your model is represented in the Model browser on the left side of the dialog. If the element of the type that is filtered in the **Filter Elements by Element Type** list is selected in the Model browser, owned elements are listed on the right side of the dialog.

In the **Filter Elements by Element Type** list, you can select which type of elements you want to number. The selected element type separator, prefix, and numbering scheme are displayed in the numbering properties list.

The usability of numbering properties list is described in the following table:

Item name	Item type	Description
Separator	Text box	Enter your custom separator which can be any symbol. The separator is changed for all numbers of the selected element type.  All previously defined separators will be overridden.
Prefix	Text box	Enter your custom prefix which can be any symbol. Just the one prefix can be entered for the selected numbering scheme. The defined prefix is displayed before the element number.  All previously defined prefixes will be overridden.
Numbering Scheme	Drop-down list	Select one of the available numbering schemes for the selected element type. Numbering schemes are defined in numbering customization.
Renumber from Initial Value	Check box	Select if you want elements to be renumbered from the initial value after you have changed it.  <div> Available in the renumbering options area.</div>



For more information on numbering properties, see [Creating your first numbering customization](#).



You can have several numbering schemes defined for one type of elements. All defined numbering schemes for the selected element type are displayed in the numbered properties list.

The **Element Numbering** dialog buttons are described in the following table.

Button name	Description
Edit	<p>Click to change the numbering symbol for the selected element. The button is available, when the selected element has a number and the element is editable. It has two options:</p> <ul style="list-style-type: none"><li>Click <b>Edit</b> to change the last ID symbol of the selected element.</li><li>Click <b>Set Custom ID</b> to change the whole ID (including the prefix) of the selected element.</li></ul>
Create / Remove	<p>The <b>Create</b> button is available, if a selected element in the element list is not numbered. Click the <b>Create</b> button to number the selected element. A unique successive number will be created for the selected element.</p> <p>The <b>Remove</b> button is available, if a selected element in the element list is numbered and editable. This button has two options:</p> <ul style="list-style-type: none"><li>Click <b>Remove</b> to delete the selected element's number.</li><li>Click <b>Remove Recursively</b>. Numbers are removed from the selected element and all elements owned by the selected element.</li></ul>
Increase	<p>Click to increase an element number.</p> <p>The button is available, if the selected element is numbered and editable.</p> <p>The element's place in the list changes after increasing the number.</p>
Decrease	<p>Click to decrease an element number. The button is available, if the element is editable, is numbered, and that number is not the first one.</p> <p>The element's place in the list changes after decreasing the number.</p>
Details	Click to open the renumbering options area.
Update Last ID	Click to set the maximum ID in the numbered sequence as the last one.
Renumber	Click to update the element numbers. The numbering is updated for all elements in the list.
Renumber Recursively	Click to update all element numbers recursively. The numbering is updated for all elements in the element list, including their owning elements.