Elements in Models

Creating Model Elements

To create model elements without a view element

1. In the **Model Explorer** navigate to the model and package where you want to create the model element.

2. Right click on a model or package, point at **Add** and select an element. Alternatively, on the **Model** menu, point at Add and select an element.

The element is now created and you can edit the element's properties. Notice that you can create elements outside the context of a diagram such as classes and use case etc. These are the classifiers, which are visible in the model. Relationships are not directly visible in the model, but can be edited through the properties of the classifier or through the diagram.

Sorting in the Model

Models in the Model Explorer can be sorted in the order the elements were created (storage order) or alphabetical order. Changing the sorting order in the Model Explorer does not change the order in which the elements are saved.

To sort the elements in order of creation, click Storage Order ( ) at the top of the Model Explorer.

To sort the elements in alphabetical order, click Alphabetical order ( ) at the top of the Model Explorer.

Changing the Storage Order

The storage order of the model elements can be modified to group elements close to each order without using packages. The storage order of model elements can be change only between the same kinds of elements. To change the storage order, first sort the elements in storage order as explained above.

To move an element up, select the element and then click Move Up ( ) at the top of the Model Explorer.

To move an element down, select the element and then click Move Down ( ) at the top of the Model Explorer.

Changing the Order of Collection Elements

You can change the order of elements which are shown in collection editors such as Attributes, Operations, Enumeration Literals.

To change the order of collection elements

1. Select the element that contains the collection you want to change.

2. On the **Model** menu select **Collection Editor**.

3. Open the tab of the collection you want to change.

4. Select an element and then

   - to move the element up click Move Up ( ) in the margin of the collection editor.

   - to move the element down click Move Down ( ) in the margin of the collection editor.

Deleting Model Elements

If you delete a model element, many related elements are deleted with the element. Please exercise caution because deleting a model element results in deletion of the following elements.

- Included Elements. All model elements included in a model or package that is to be deleted.
- Relationships: All relationships such as generalization, association or dependency for which the model element is an endpoint.
- View Elements: All view elements that represent the model being deleted from any diagram.

To delete a model element

- In the **Model Explorer** select the model element you wish to delete, then right click the element and select **Delete from Model**.
- In the diagram select the element you wish to delete, then right click the element point to **Edit** and select **Delete from Model**.
- In the diagram or in the **Model Explorer** select the model element you wish to delete, then on the **Edit** menu select **Delete from Model**.