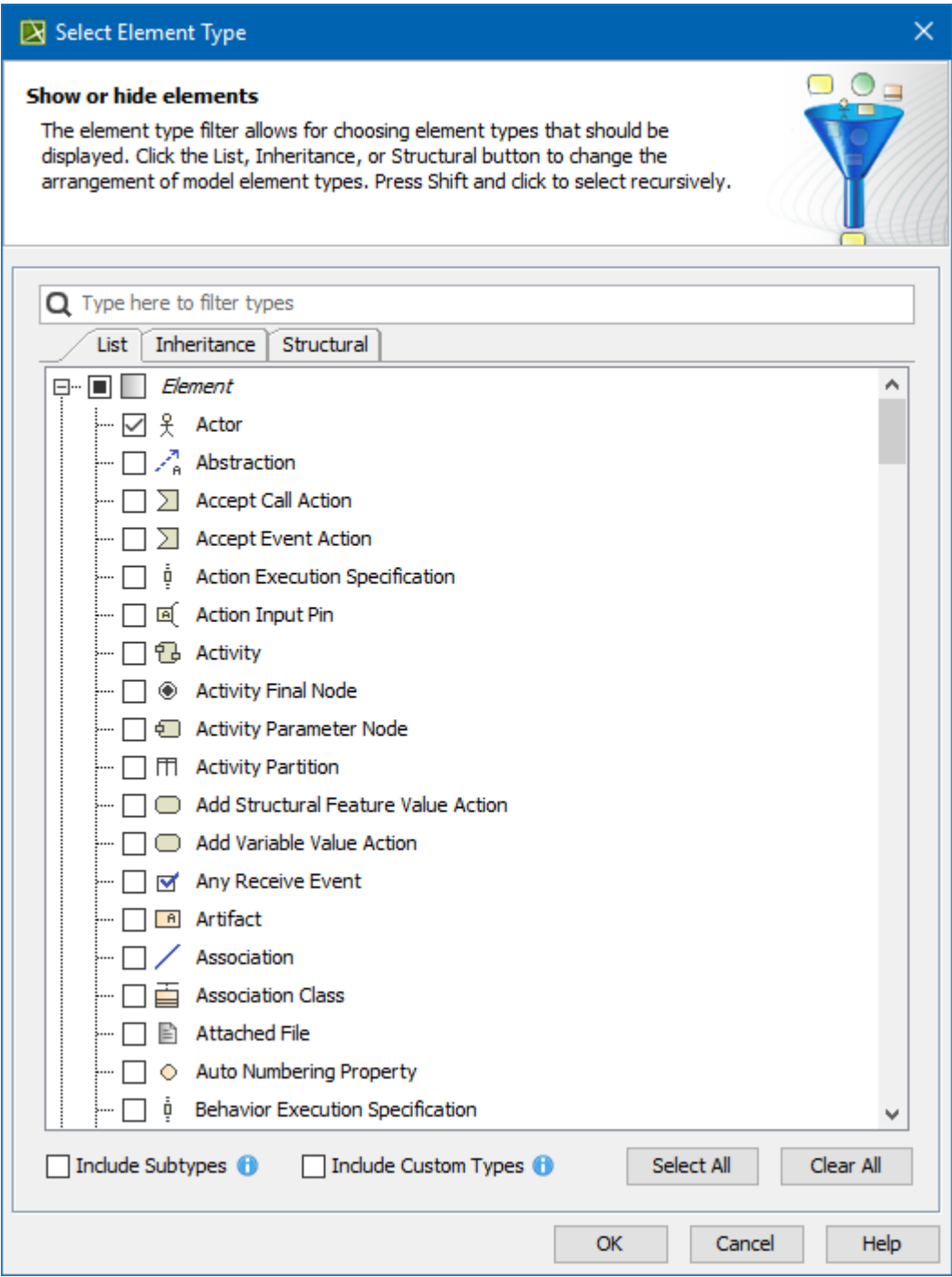# Selecting element types

In the **Select Element Type** dialog, you can select the check box next to the model element type to be filtered; i.e., displayed or searched for. This dialog opens when filtering items in the **Containment** tab and when searching or filtering for elements, as outlined below:

- When searching for items, the purpose of the **Select Element Type** dialog is to select the type of element to search.
- When filtering items in the **Containment** tab, the purpose of the **Select Element Type** dialog is to provide the ability to hide elements you do not want to see in the **Containment** tab.
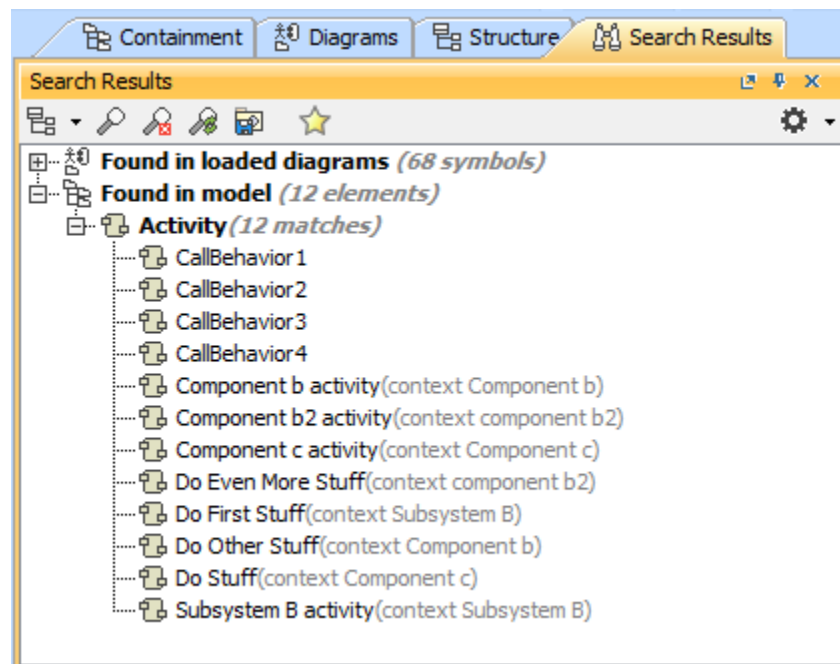

The Select Element Type dialog.

The following table explains the functions of the tabs, options, and buttons in the **Select Element Type** dialog.

Button /Tab	Function

Search text box	Specifies a search term to filter the search results of element types in the **List**, **Inheritance**, and **Structural** tabs. ⚠ **Note** The appearances of the search term in the search results are highlighted in yellow.
List	Click the **List** button to list the types of elements in one alphabetic list. There are two groups in the list: *Element* and *Symbol*.
Inheritance	Click the **Inheritance** button to group the types of elements according to the inheritance. For example, types of elements are grouped to the following inheritances: *Named Element*, *Relations*, and others. The *Symbol* group is listed also.
Structural	Click the **Inheritance** button to group the types of elements according to the following groups: *DSL Customization*, *MagicDraw Profile*, *UML2 Metamodel*, *Symbol*.
Select All	Selects all types of elements in the list – all elements will be displayed after filtering or searching.
Clear All	Clears all types of elements in the list – no elements will be displayed after filtering or searching.
Include Subtypes	Includes the subtypes of the selected element types. For example, if you select a Package, its subtypes (e.g., Model and Profile) will also be included. The option is enabled by default.
Include Custom Types	Includes the custom types extending the selected element types. For example, if you select a Package, the custom types (e.g., Smart Package) that extend the Package will also be included. The option is disabled by default.
OK	Applies the selected/cleared element types to display or hide them in the **Containment** tab when you have opened the dialog from the **Containment** tab. Applies the selected/cleared element types to filter and display them in the **Search Results** tab in the Model Browser when you have opened the dialog from the **Find** dialog.
Cancel	Cancels the selecting/clearing or filtering of the element types and closes the dialog.
Help	Opens the **Selecting element types** page with the description of the dialog.

The **Search Results** tab opens in the Model Browser to display the search results according to the search criteria you have created from selecting/clearing types of elements in the **Select Element Type** dialog.

The Search Results tab in the Model Browser displays the search results.

Related pages

- Filtering
- Model Browser

- Containment tab
- Search Results tab