Getting started with specifying criteria

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Opening the dialog for specifying criteria

The dialog for specifying criteria can be opened from several different places.

To open the dialog for specifying criteria, do one of the following

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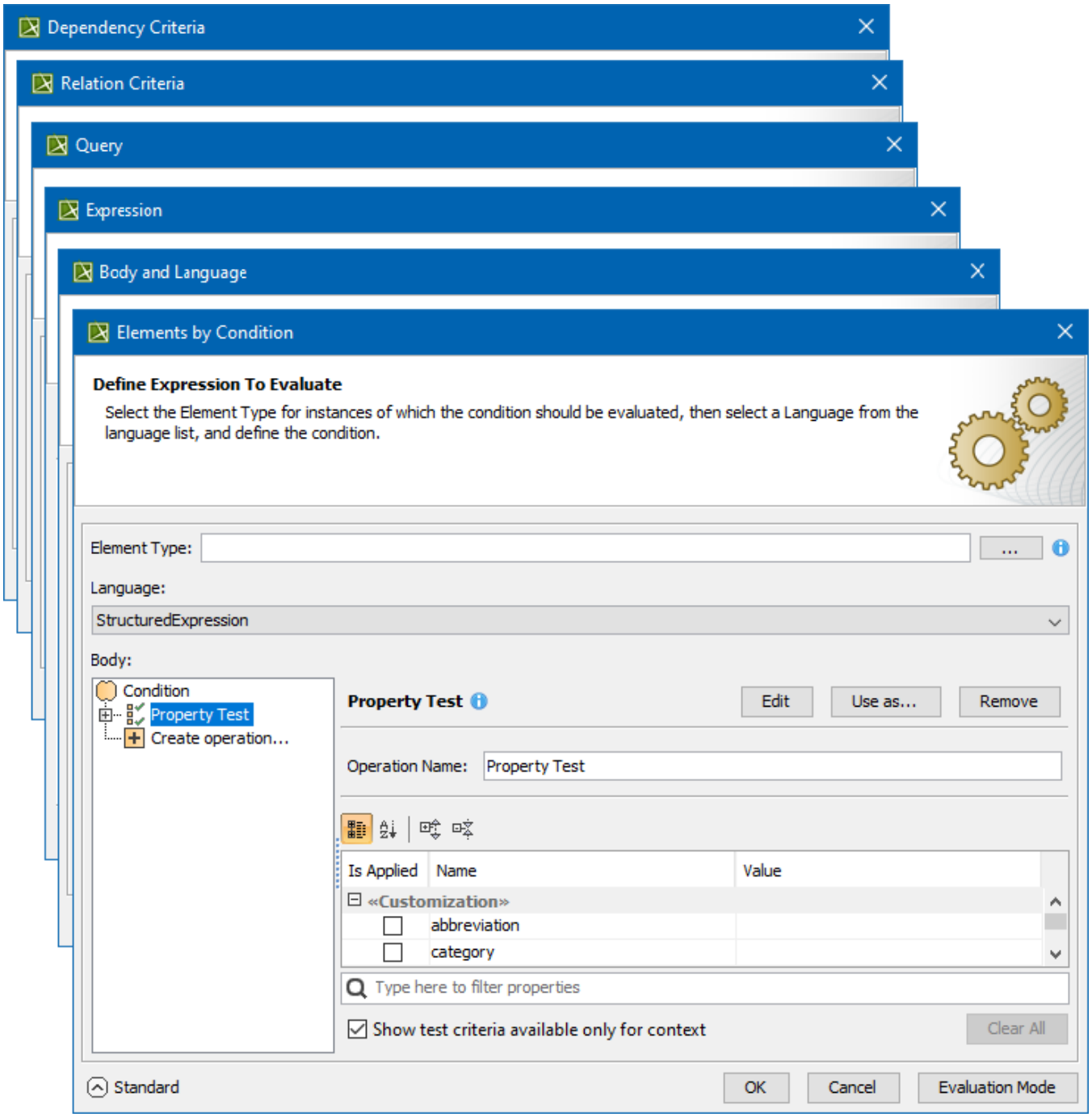
- In the **Criteria** area of a dependency matrix, click the ... button next to the **Dependency Criteria** box. The **Dependency Criteria** dialog opens.
- In the **Criteria** area of a relation map, click the ... button next to the **Relation Criteria** box. The **Relation Critera** dialog opens.
- Open the Specification window of a smart package, under the **Content** category on the right, click the cell of the **Query** property value, and then click the ... button. The **Query** dialog opens.
- Open the Specification window of a selected element, click Traceability on the left, and then click **Create** on the right. The **Expression** dialog opens.
- On the toolbar of a generic table, click the **Columns** button, and then select New Derived Property or Custom Column. The **Expression** dialog opens.
- Open the Specification window of an opaque behavior, click the cell of the **Body and Language** property value, and then click the ... button. When the **Body and Language** dialog opens, select **StructuredExpression** from the **Language** drop-down list.
- Open the Specification window of a Legend Item, click the specification cell of the **Elements by Condition** property, and then click . The **Elements by Condition** dialog opens.



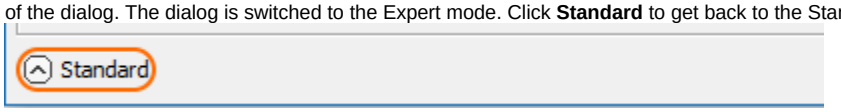
The layout of the dialog is the same in all the described cases. On the left side of the dialog, you can select an operation type that best suits for specifying the needed criterion. Selecting an operation type opens the criteria specification panel on the right side of the dialog.

The dialog has two modes: Standard and Expert. *The Expert mode offers more options for specifying criteria and allows for creating combinations of several operations*.

Switching between Standard and Expert modes

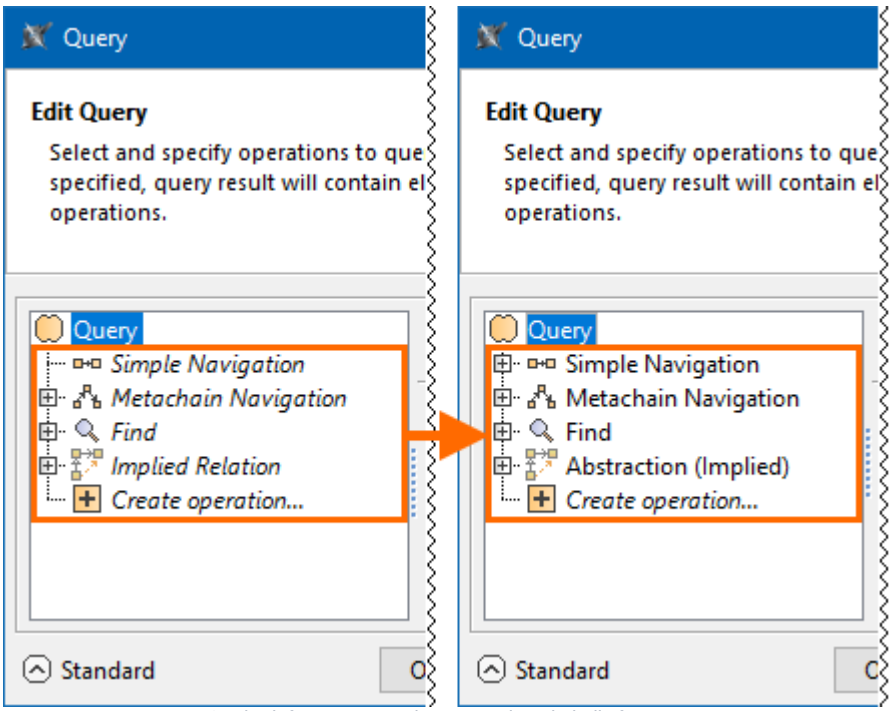
To switch between Standard and Expert modes for specifying criteria

- Click **Expert** at the bottom of the dialog. The dialog is switched to the Expert mode. Click **Standard** to get back to the Standard mode.



Specified and unspecified operation display

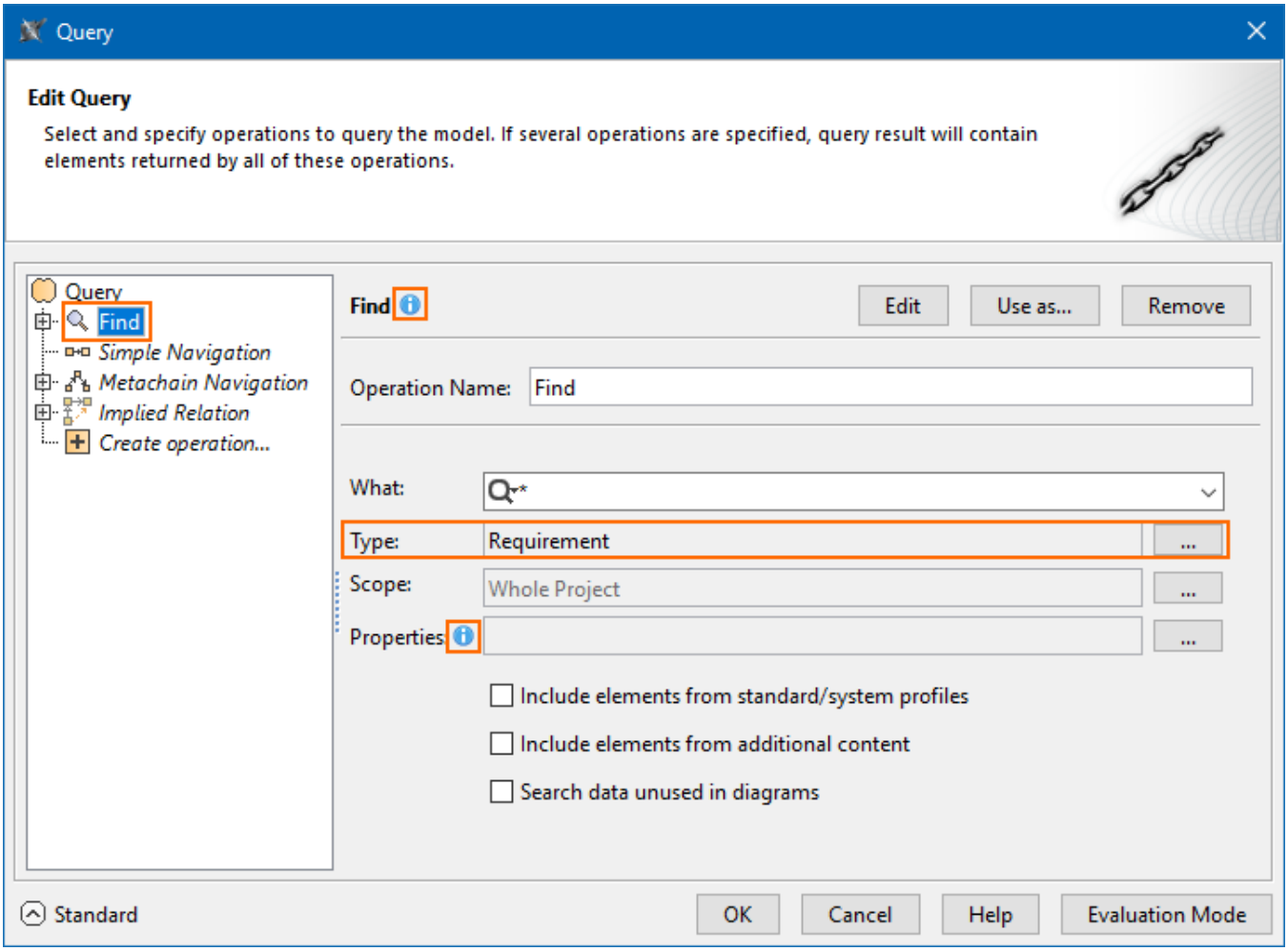
The Simple Navigation, Metachain Navigation, Find, and Implied Relation operations are always displayed on the left side of the dialog, even if they were removed during the previous edits of the expression. For this reason, empty template operation nodes are displayed in the italic format below the specified operations. Once you specify an expression for a template operation, a template operation of that type will not appear during subsequent edits. In such a case, only the specified operation is displayed. You can create a new operation via *Create operation...* option.



On the left: empty template operations in italic format.
On the right: template operations with specified operations in roman format. Empty template operations of these types no longer appear during the subsequent edit.

If an operation is specified, it is displayed in roman format and at the top of the operations list. You can manually rearrange the specified operations by dragging and dropping them anywhere on the list. In such cases, the arrangement of the specified operations stays the same when you open the expression again.

Also, be advised that before starting to specify criteria it is useful to read the tips and warnings (if there are any), which appear after the pointer is hovered over the button or the button respectively.



' Find' operation is specified, appearing in roman format and at the top of the operations list. Other operations under 'Find' are not specified and are thus italicized.

Related pages

- Specifying criteria for querying model
  - Using Simple Navigation
  - Using Metachain Navigation
  - Using Find operation
  - Using Implied Relations

- Creating new operations
  - Calling operations from the model
  - Creating script operations