

# Using Property Test operation

On this page

- [Manipulations in the Expert mode](#)

A Property Test operation checks if model elements contain the selected properties with the specified values. If the property values of a model element match the specified property values, the operation returns *true*, and if they do not match - *false*.

To specify a Property Test operation

1. Open a [dialog for querying model](#).
2. From the operation list on the left side of the dialog, select the **Property Test** operation. If Property Test operation node is not displayed, select **Create operation**, and then select **Property Test** in the **Operations** area on the right side of the dialog. The **Property Test** panel appears.

**Important**  
To create a new Property Test operation, you must enable the Expert mode.

3. From the property list, select the desired properties and specify their values, as shown below.

Is Applied	Name	Value
<input type="checkbox"/>	placeOnPaletteProperty	
<input type="checkbox"/>	place	
<input type="checkbox"/>	extendedRequirement	
<input checked="" type="checkbox"/>	risk	High
<input type="checkbox"/>	Source	
<input type="checkbox"/>	verifyMethod	
<input type="checkbox"/>	customRequirement	
<input type="checkbox"/>	Status	
<input type="checkbox"/>	Term	
<input type="checkbox"/>	synonyms	
<input type="checkbox"/>	Note	
<input type="checkbox"/>	Text	

4. Click **OK** and close the dialog for querying model if it is still open.

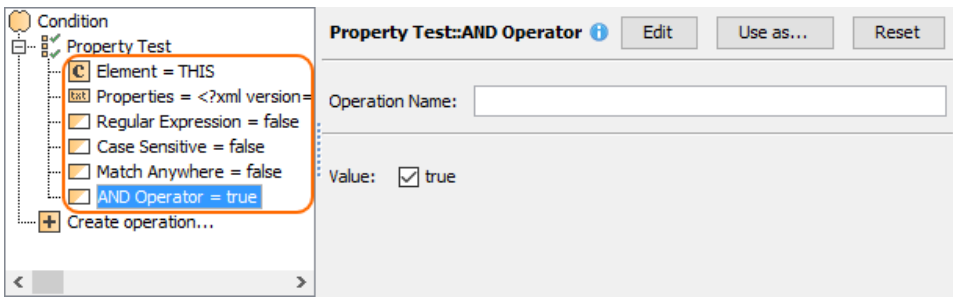
After specifying a Property Test operation, it checks if model elements contain the property values that you specified in the step 3. For example, if you select the **risk** property and set it to **High**, as highlighted in the figure above, the Property Test operation returns *true* for all model elements with the **risk** property set to **High**. Advanced operation properties can be specified in the [Expert mode](#).

## Manipulations in the Expert mode

The Expert mode allows you to specify advanced Property Test operation properties.

To specify a Property Test operation in the Expert mode

1. Open the [dialog for querying model](#).
2. Click ☒ **Expert** to enable the Expert mode if it is not already enabled.
3. In the operation list on the left side of the dialog, expand the **Property Test** node.
4. Select the desired property from the list under the **Property Test** node highlighted in the figure below, then specify its value in the specification panel on the right side of the dialog.



5. Click **OK** and close the dialog for querying model if it is still open.

#### Property information

If **AND Operator** is set to *true* (default value), the operation returns *true* only for the elements that contain all of the selected properties with specified values. If **AND Operator** is set to *false*, the operation returns *true* for the elements that contain at least one of the selected properties with the specified value.

#### Related pages

- [Specifying criteria for querying model](#)
  - [Getting started with specifying criteria](#)
  - [Using Simple Navigation](#)
  - [Using Metachain Navigation](#)
  - [Using Find operation](#)
  - [Using Implied Relations](#)
  - [Using Property Test operation](#)
  - [Creating new operations](#)