

Using Simple Navigation

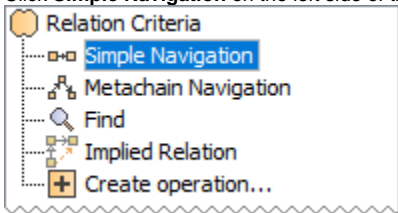
On this page

- [Manipulations in Expert mode](#)

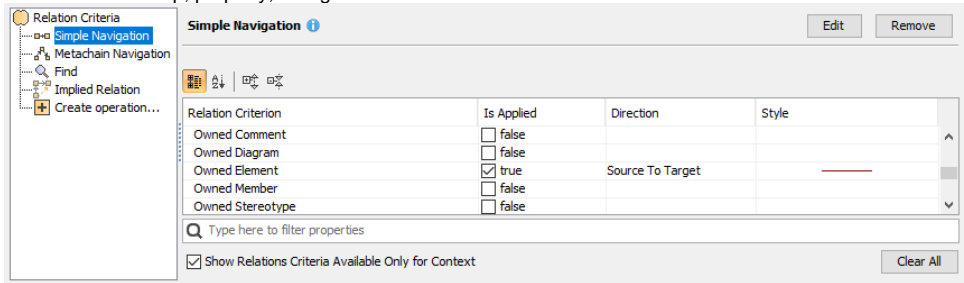
Use the simple navigation operation type, if you need to specify a direct relation between the elements through model relationships, properties, or tags.

To specify a simple navigation as criteria

1. Click **Simple Navigation** on the left side of the dialog.



2. Select a relationship, property, or tag.



3. Specify other options described in the table below:




Column	Mode	Description
Relation Criterion	Standard/Expert	Name of a relationship, property, or tag. The whole list is by default filtered and shows only these relationships, properties, and tags that are available for the Contextual element type. To see the full list, click to clear the check box below the list.
Is Applied	Standard/Expert	Select the check box to define the appropriate relationship, property, or tag as criteria for the calculation. To clear all the selected criteria, click the Clear All button.
Direction	Standard/Expert	<p>Select from the drop-down list the direction of the appropriate relationship, property, or tag.</p> <p>A source is the Contextual element. A target is the result of the calculation.</p> <p>If the direction is defined for relationships, then</p> <ul style="list-style-type: none">• The Source To Target direction means that only the outgoing relations, which are pointing from the source element to the target element, will be treated as a result of this criterion.• The Target To Source direction means that only the incoming relations, which are pointing from the target element to the source element, will be treated as a result of this criterion.• If the Both direction is chosen, both above-described cases will be treated as a valid result. <p>If the direction is defined for properties or tags, then</p> <ul style="list-style-type: none">• The Source To Target direction means that only the properties, which exist in the source element, will be treated as a result of this criterion.• The Target To Source direction means that only the properties, which exist in the target element, will be treated as a result of this criterion.• If the Both direction is chosen, both above-described cases will be treated as a valid result.

Please note that the Simple Navigation operation returns a set.

Manipulations in Expert mode

The **Expert** mode allows for changing the **Contextual element** of a simple navigation criterion as well as creating a new operation, where the result of the simple navigation operation is used as an argument.

Relation Criterion	Is Applied	Direction	Properties	Style
Owned Comment	<input type="checkbox"/> false			
Owned Diagram	<input type="checkbox"/> false			
Owned Element	<input checked="" type="checkbox"/> true	Source To Target		
Owned Member	<input type="checkbox"/> false			
Owned Stereotype	<input type="checkbox"/> false			

Column	Mode	Description
Properties		Click the  button and in the open dialog specify the properties of the selected relationship.
Include Relationship Subtypes	Expert	Select the check box to include the subtypes of the selected relationship types.
Include Relationship Custom Types	Expert	Select the check box to include the custom relationship types that extend the selected relationship types.
Filter by Property Value	Expert	Click the  button and in the open dialog select one or more properties of the selected relationship and specify their values for a more specific filter.
Result Type	Expert	Click the  button and in the open Select Element Type dialog select one or more result element types. The Result Type column is available only in the Query and Expression dialogs. You can define the element types for representation on a Dependency Matrix and Generic table. Moreover, you can define the element types for representation on a Relation Map.
Style	Standard/Expert	Click the button and in the open dialog select the color and style to represent the appropriate relationship, property, or tag. The column is available only in the Relation Criterion dialog.

To change the **Contextual element** of a simple navigation criterion

- On the left side of the dialog, expand the simple navigation criterion and select the **Context** parameter.
- On the **Context** specification panel, click the **Reset** button.

Context

Operation Name: Style:

Value: THIS

The value of the **Context** parameter becomes null.

- Select a new context from the list of operations and element types.



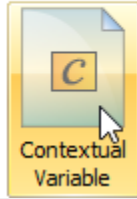
To restore the original context, expand the **Other** group and click **Contextual Variable**.

Other

To use the



Execute



Contextual Variable

ration as a parameter of another operation

1. Or
2. Or

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the **Use as** button and select the appropriate command.

Edit

Use as...

Remove

- Search String of a new Find
- Scope of a new Find
- Types of a new Find
- Include Subtypes of a new Find**
- Filter Properties of a new Find
- Text Filter Properties of a new Find
- Regular Expression of a new Find
- Case Sensitive of a new Find
- Match Anywhere of a new Find
- Include Elements From Modules of a new Find
- Include Elements From Additional Content of a new Find
- Search Data Unused In Diagrams of a new Find
- Input of a new Filter
- Element of a new Implied Relation
- Include Direct of a new Implied Relation
- Context of a new Type Test

3. Specify other parameters of the new operation.

Related pages

- [Specifying criteria for querying model](#)
 - [Getting started with specifying criteria](#)
 - [Using Metachain Navigation](#)
 - [Using Find operation](#)
 - [Using Implied Relations](#)
 - [Creating new operations](#)
 - [Calling operations from the model](#)
 - [Creating script operations](#)