
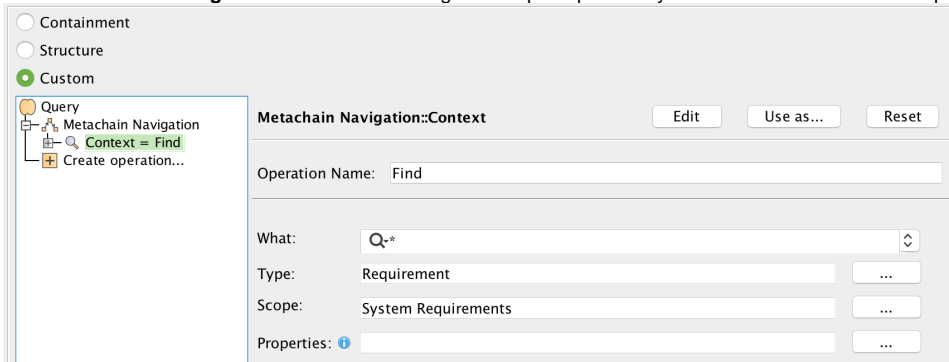


Case 4. Properties that Satisfy System Requirements

To create a Generic Table showing only the properties that satisfy system requirements

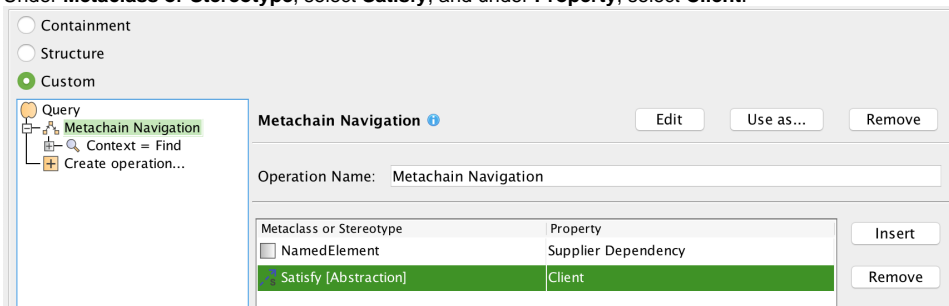
1. Create a **Generic Table**.
2. Set the **Element Type** to **Property**. Make sure to select the **Include Subtypes** check box. Click **OK**.
3. For the **Scope**, click the  icon and select **Custom. Query** dialog opens.
4. Click **Expert** at the bottom of the dialog. The dialog is switched to the Expert mode.
5. On the left side of the dialog, click **Find**.
6. Set the **Type** to **Requirement**. Make sure to select the **Include Subtypes** check box. Click **OK**.
7. Select **Metachain Navigation > Context** and drag-and-drop the previously created **Find** on the **Context** parameter.



Custom Query dialog (Expert mode) for Metachain Navigation::Context. The dialog shows the following configuration:

- Operation Name: Find
- What: Q-*
- Type: Requirement
- Scope: System Requirements
- Properties: (empty)

8. Select **Metachain Navigation**.
9. Click **Insert**.
10. Under **Metaclass or Stereotype**, select **Requirement**, and under **Property**, select **Supplier Dependency**.
11. Click **Insert** again.
12. Under **Metaclass or Stereotype**, select **Satisfy**, and under **Property**, select **Client**.



Custom Query dialog (Expert mode) for Metachain Navigation. The dialog shows the following configuration:

- Operation Name: Metachain Navigation
- Metaclass or Stereotype table:

Metaclass or Stereotype	Property
<input type="checkbox"/> NamedElement	Supplier Dependency
<input checked="" type="checkbox"/> Satisfy [Abstraction]	Client

13. Click **OK**.

Sample model

The model used in these examples is the *Case Studies for Querying the Model* sample model. To open this model, you need to download [case studies for querying the model.mdzip](#).