

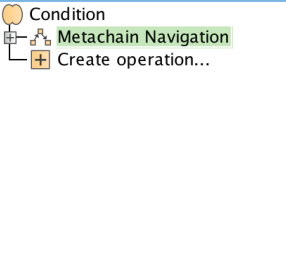



Case 1. Coloring Ports by Type

To color ports by their type

1. Create a **Legend** and a **Legend Item**.
2. Right-click the **Legend Item** to open its **Specification window**.
3. Click three dots  next to the **Adornment** property to edit it.
4. In the **Adornment Properties** dialog, specify the desired adornment properties. Click **OK**.
5. Click three dots  next to the **Elements by Condition** property to edit it. **Elements by Condition** dialog opens.
6. Click **Expert** at the bottom of the dialog. The dialog is switched to the Expert mode.
7. Select **Create operation > Metachain Navigation**.
8. Click **Insert**.
9. Under **Metaclass or Stereotype**, select **Port**, and under **Property**, select **Type**.

Body:



Metachain Navigation  Edit Use as... Remove

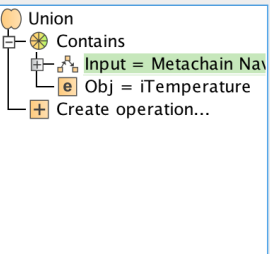
Operation Name: Metachain Navigation

Metaclass or Stereotype	Property
Port	Type

Insert Remove

10. Select **Create operation > Operation from Model > Contains**.
11. Drag-and-drop **Metachain Navigation** onto **Input** parameter.

Body:



Operation from Model:In... Edit Use as... Reset

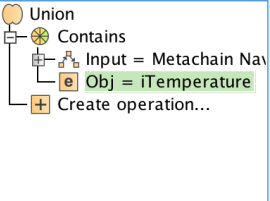
Operation Name: Metachain Navigation

Metaclass or Stereotype	Property
Port	Type

Insert Remove


12. Select **Obj > Element** > select the port type to verify.

Body:



Operation from Model:Obj Edit Use as... Reset

Operation Name: Element

Element:  iTemperature ...

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](#).