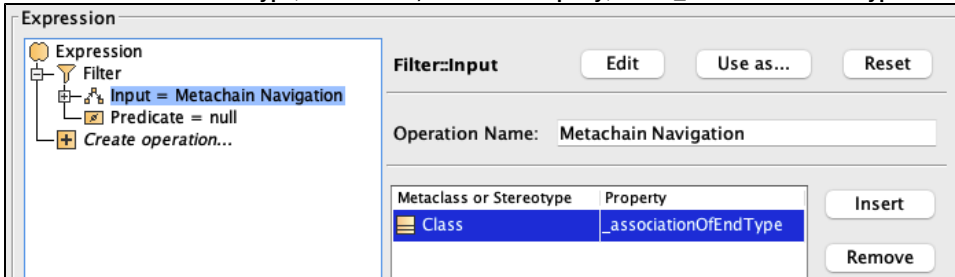


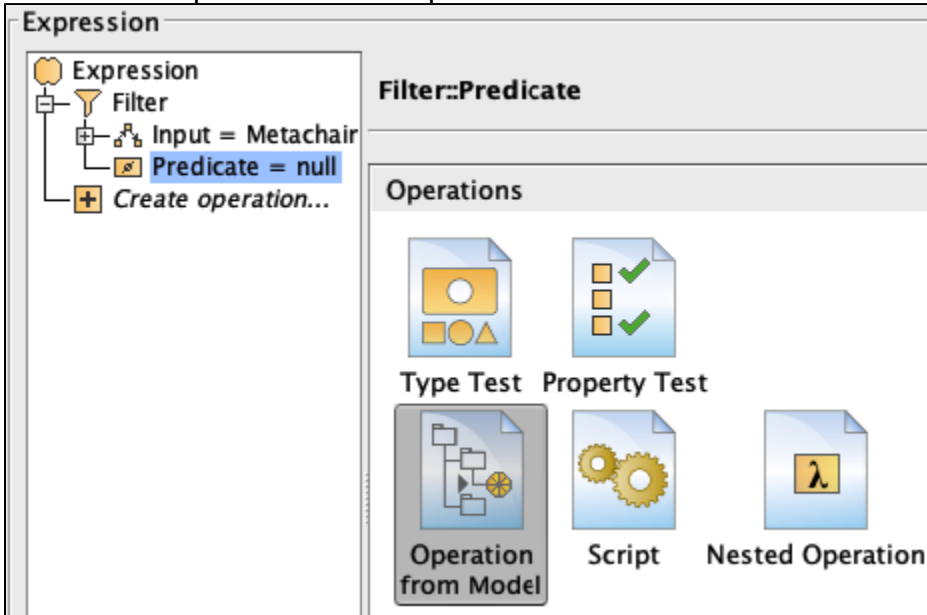
Case 14. Incoming Association of Class

To get Incoming Associations of a Class

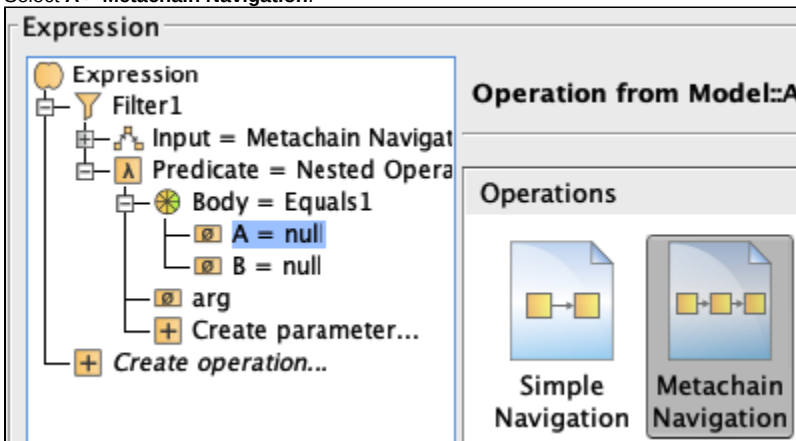
1. Right-click a Class element and open the **Specification window > Traceability > Create**.
2. Set the **Name** to 'Incoming associations'.
3. Click **Create operation > Filter**.
4. Select **Input > Metachain Navigation**.
5. Click **Insert**.
6. Under **Metaclass or Stereotype**, select **Class**, and under **Property**, select **_associationOfEndType**.



7. Select **Predicate > Operation from Model > Equals**.



8. Select **A > Metachain Navigation**.



9. Click **Insert**.

10. Under **Metaclass or Stereotype**, select **Property**, and under **Property**, select **Type**.

Operation from Model::A

Operation Name: Metachain Navigation1

Metaclass or Stereotype	Property
Property	Type

Buttons: Edit, Use as..., Reset, Insert, Remove

11. Select **Context** > **Reset**.

Metachain Navigation::Context

Context: arg

Buttons: Edit, Use as..., Reset

12. Select **Context** > **Filter**.

Metachain Navigation::Context

Operations:

- Simple Navigation
- Metachain Navigation
- Find
- Filter

13. Select **Input** > **Simple Navigation**. Select **Member End** and set **Is Applied** to **true**, and **Direction** to **Source To Target**.

Filter::Input

Relation Criterion	Is Applied	Direction	Properties	Result Ty...
UML Properties				
Member End	☒	Source To Target		

Buttons: Edit, Use as..., Reset

If you cannot see the **Member End** property, make sure the 'Show relations criteria available only for context' check box is not selected.

14. Select **Predicate** > **Nested Operation**.

Filter::Predicate

Operations:

- Type Test
- Property Test
- Operation from Model
- Script
- Nested Operation

15. Select **Body > Simple Navigation**. Select **isNavigable() (Port)** and set **Is Applied** to **true**, and **Direction** to **Source To Target**.

Relation Criterion	Is Applied	Direction	Properties	Result T...
UML Operations				
isNavigable() (Port)	☒	Source To Target		
isNavigable() (Prop...	☐			
isNavigable() (Exte...	☐			

16. Select **B > Contextual Variable**. Set the **Value** to **THIS**.

Operation Name: Contextual Variable1

Value: THIS

17. 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](#).