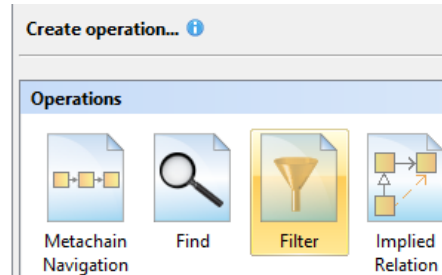
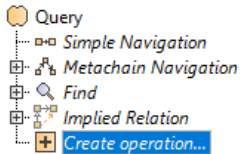


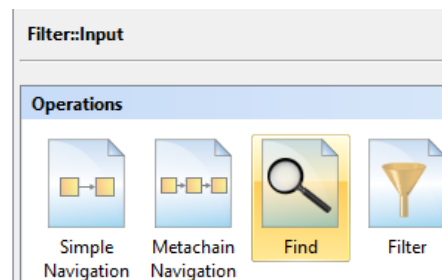
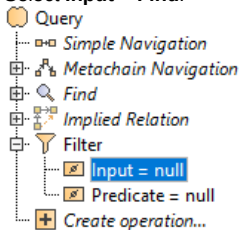
Case 6. Requirements Without Text

To find Requirements without text

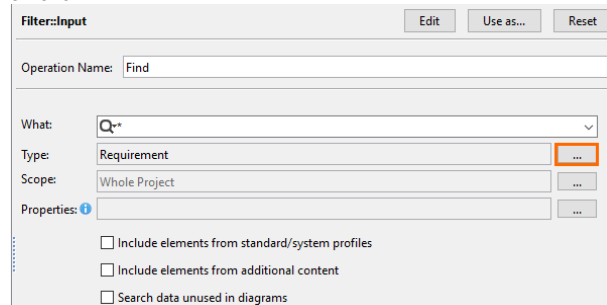
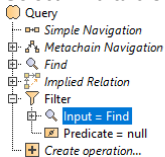
1. Create a **Smart Package**.
2. Open its **Specification window** and click three dots  next to the **Query** property to edit it. The **Query** dialog opens.
3. Click **Create operation > Filter**.



4. Select **Input > Find**.



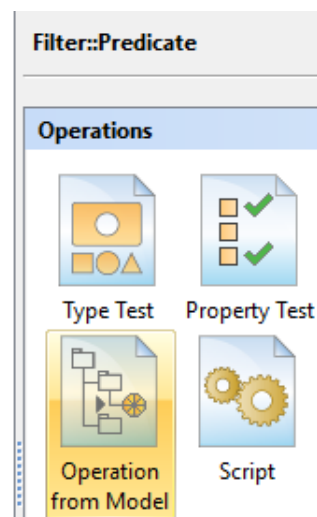
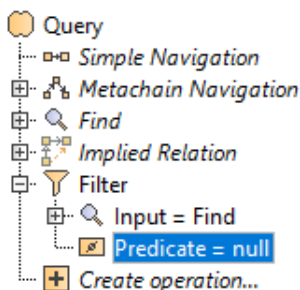
5. Select **Find** and set the **Type to Requirement**.



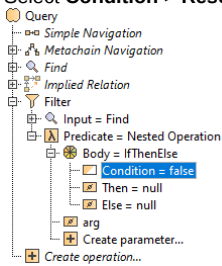
6. Select **Predicate > Operation from Model > IfThenElse**.



If you cannot see the **IfThenElse** operation, make sure the **Apply Filter** box is not checked.



7. Select **Condition** > **Reset**.



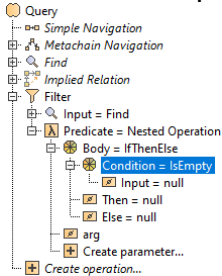
Operation from Model::Condition

Edit Use as... **Reset**

Operation Name:

Value: ☐ false

8. Select **Condition** > **Operation from Model** > **isEmpty**.



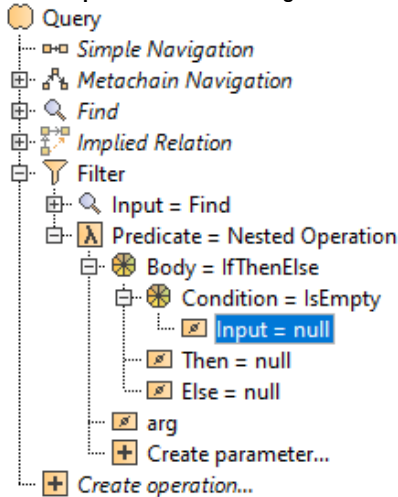
Operation from Model::Condition

Edit Use as... Reset

Operation Name: isEmpty

Behavior: ☐ isEmpty

9. Select **Input** > **Metachain Navigation**.



Operation from Model::Input

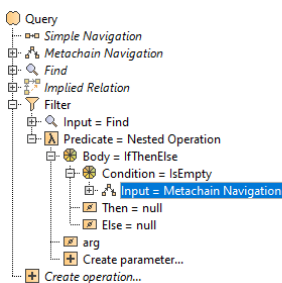
Operations

Simple Navigation Metachain Navigation

Type Test Property Test

10. Click **Insert**.

11. Under **Metaclass** or **Stereotype**, select **Requirement**, and under **Property**, select **Text**.



Operation from Model::Input

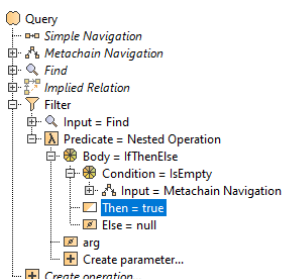
Edit Use as... Reset

Operation Name: Metachain Navigation

Metaclass or Stereotype	Property
Requirement [Class]	Text (AbstractRequirement)

Insert Remove

12. Select **Then** > **Boolean**. Set the **Value** to **true**.



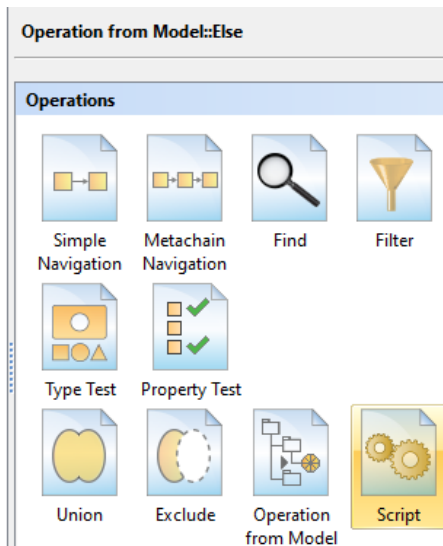
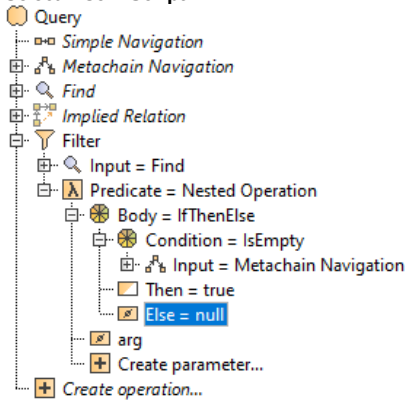
Operation from Model::Then

Edit Use as... Reset

Operation Name: Boolean

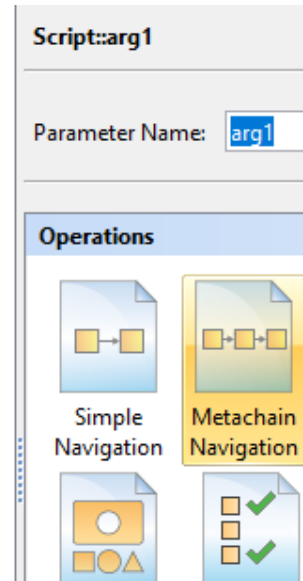
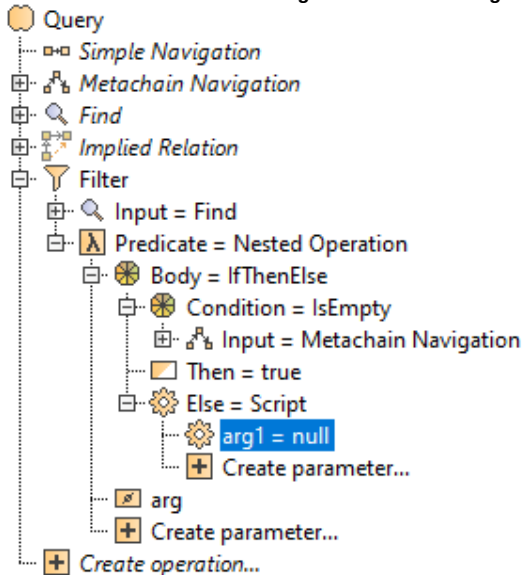
Value: ☒ true

13. Select **Else > Script**.



14. Select the Contextual Variable **arg1 > Reset**.

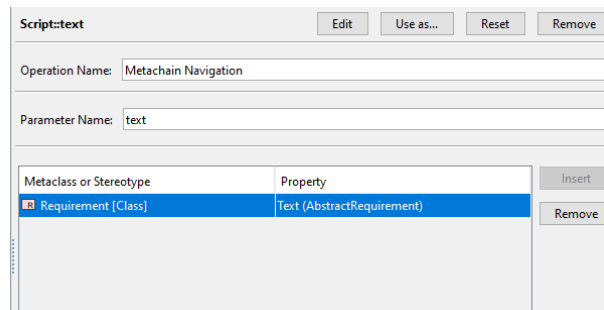
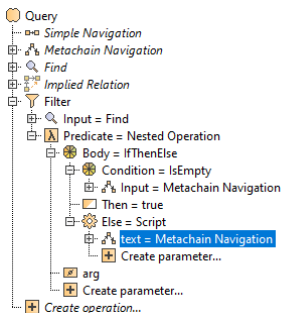
15. Select the Contextual Variable **arg1 > Metachain Navigation**.



16. Set **Parameter Name** to "text".

17. Click **Insert**.

18. Under **Metaclass or Stereotype**, select **Requirement**, and under **Property**, select **Text**.

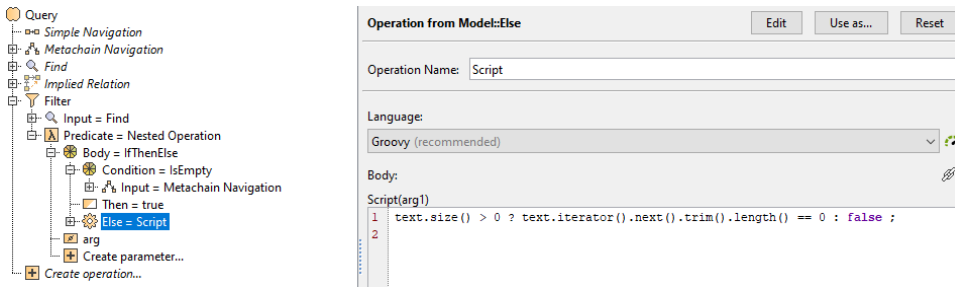


19. From the **Language** drop-down list, select **Groovy**.

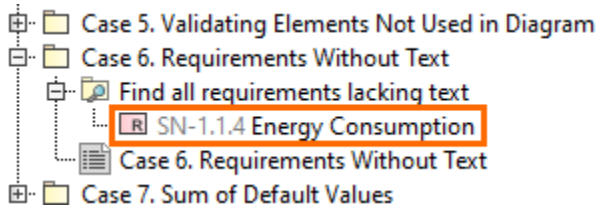
20. Insert the following script as the **Body**:

Groovy

```
text.size() > 0 ? text.iterator().next().trim().length() == 0 : false ;
```



21. Click **OK**. You can view the requirements without text nested under the **Smart Package** in the Containment tree.



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](#).