


Case 13.1. First End Of Association

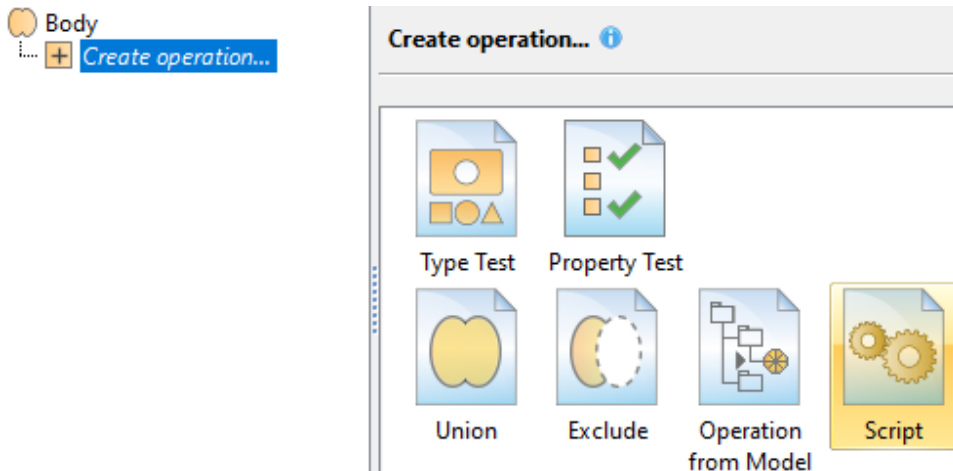
To create the First End Of Association operation for coloring Associations between a Block and a Use Case

1. Create an **Opaque Behavior** named 'First End Of Association'.
2. Right-click the **Opaque Behavior** element and open its **Specification window**. Do one of the following:
 - a. Click the plus sign next to the **Owned Parameter** property to edit it.

If you cannot see the **Owned Parameter** property, make sure the **Expert** mode is enabled.

- b. On the left side menu, select **Parameters > Create**.
3. In the **Specification of Parameter window**, set **Name** to **Association**, **Type** to **Association**, and **Direction** to **in**. Click **Back**.
 4. In the **Opaque Behavior Specification window**, click three dots  next to the **Body and Language** property to edit it.
 5. In the **Body and Language** dialog, select **Language > StructuredExpression**.
 6. Click **Create operation > Script**.

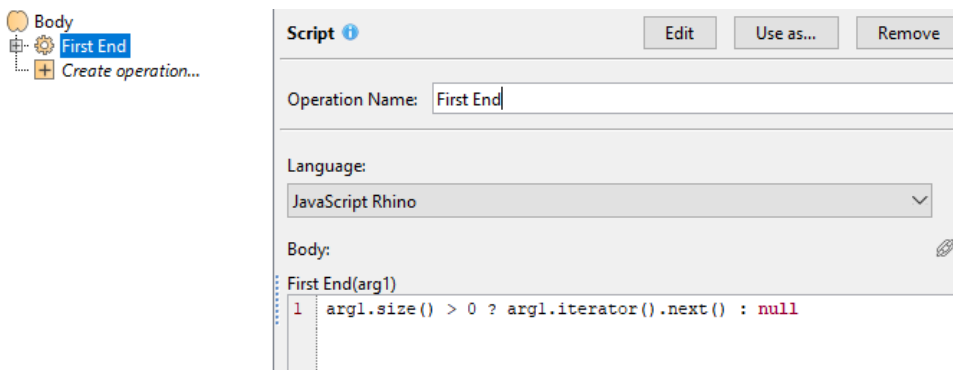
If you cannot see the **Script** operation, make sure the **Expert** mode is enabled.



7. Set the **Operation Name** to 'First End'.
8. From the **Language** drop-down list, select **Javascript Rhino**.
9. Insert the following script as the **Body**:

Javascript Rhino

```
arg1.size() > 0 ? arg1.iterator().next() : null
```



10. Select **First End** > **arg1** > **Reset**.

Body

- First End
 - arg1 = THIS
 - Create parameter...
 - Create operation...

Script::arg1

EditUse as...ResetRemove

Operation Name:

Parameter Name: arg1

Value: THIS

11. Select **First End** > **arg1** > **Metachain Navigation**.

Body

- First End
 - arg1 = null
 - Create parameter...
 - Create operation...

Script::arg1

Parameter Name: arg1

Operations

Simple Navigation

Metachain Navigation

12. Click **Insert**.

13. Under **Metaclass or Stereotype**, select **Association**, and under **Property**, select **End Type**.

Body

- First End
 - arg1 = Metachain Navigation1
 - Create parameter...
 - Create operation...

Script::arg1

EditUse as...ResetRemove

Operation Name: Metachain Navigation1

Parameter Name: arg1

Metaclass or Stereotype	Property
Association	End Type

InsertRemove

14. 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](#).