

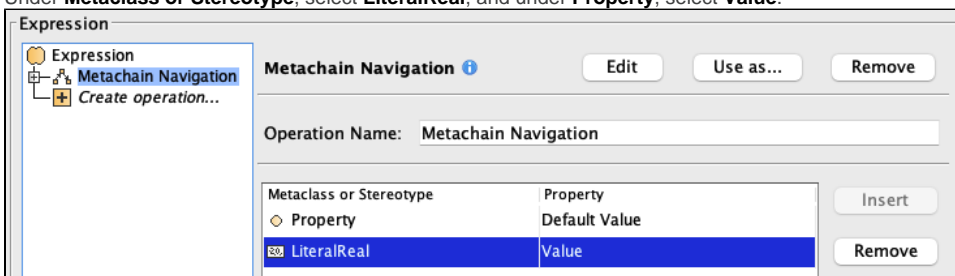
Case 7.1. Sum of Default Values of Property

To get the sum of the Default Values of a Property

1. Create an **Opaque Behavior** named 'Sum of Default Values of Property'.
2. Right-click the **Opaque Behavior** element/symbol 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 **property**, **Type** to **Property**, **Direction** to **in**, and **Multiplicity** to **[0..*]**. 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. Select **Metachain Navigation**.
 7. Click **Insert**.
 8. Under **Metaclass or Stereotype**, select **Property**, and under **Property**, select **Default Value**.
 9. Click **Insert** again.
 10. Under **Metaclass or Stereotype**, select **LiteralReal**, and under **Property**, select **Value**.

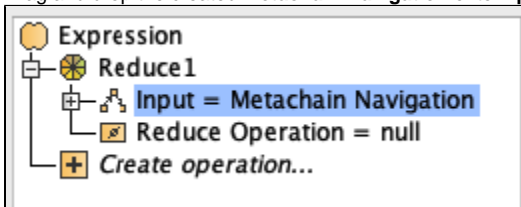


11. Select **Metachain Navigation > Context** and set **Value** to **property**.
12. Select **Create Operation > Operation from Model > Reduce**.

If you cannot see the **Operation from Model** operation under **Operations**, make sure the **Expert** mode is enabled.

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

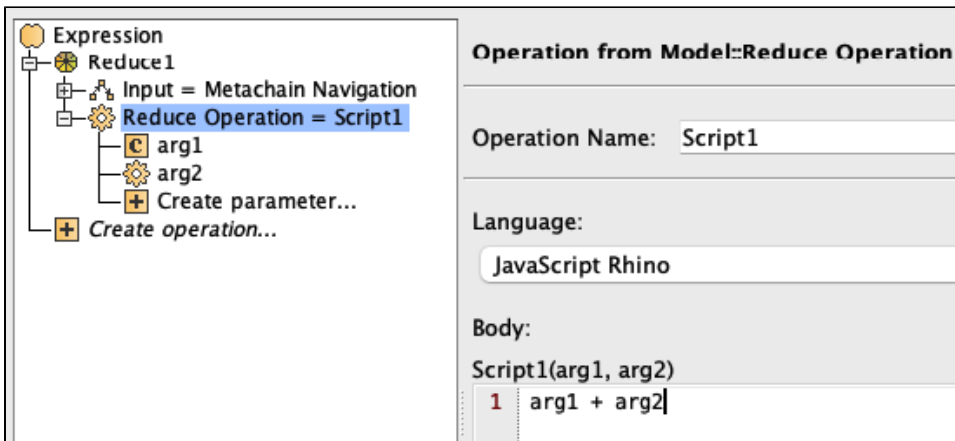
13. Drag and drop the created **Metachain Navigation** onto **Input**.



14. Select **Reduce Operation > Script**.
15. From the **Language** drop-down list, select **Javascript Rhino**.
16. Select **Create parameter > Parameter**.
17. Insert the following script as the **Body** for the **Script**:

Javascript Rhino

```
arg1+arg2
```



Expression

- Reduce1
 - Input = Metachain Navigation
 - Reduce Operation = Script1
 - arg1
 - arg2
 - Create parameter...
 - Create operation...

Operation from Model: Reduce Operation

Operation Name: Script1

Language: JavaScript Rhino

Body:

```
Script1(arg1, arg2)
1 arg1 + arg2
```

18. 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](#).