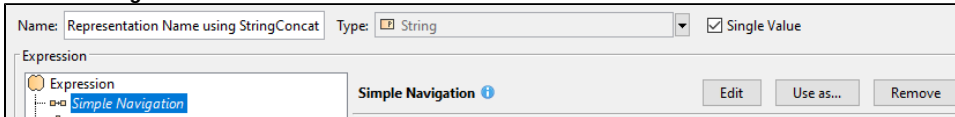


Case 8. Showing Parameter Direction and Type in Single Table Cell using StringConcat

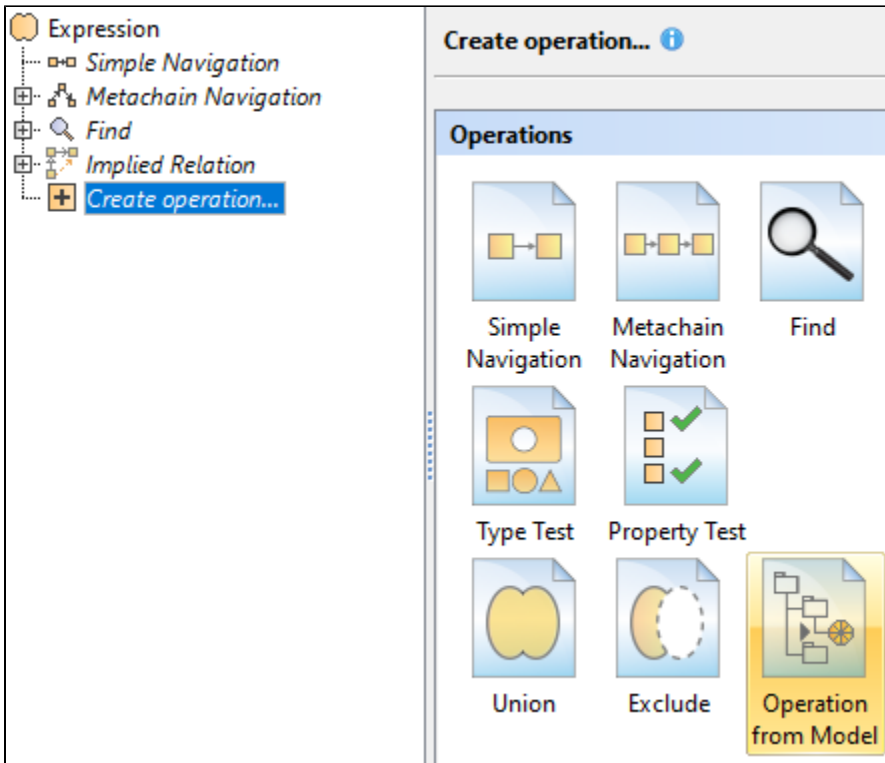
To display Parameter Direction and Parameter Type in a single table cell

1. Create a **Generic Table**.
2. Set the **Element Type** to **Parameter** and **Activity**.
3. Set the **Scope** to the Activity element which contains the Parameters.
4. Click the **Columns** button and select **New Custom Column**. **Expression** dialog opens.
5. Set the **Type** as **String**.
6. Select the **Single Value** check box.

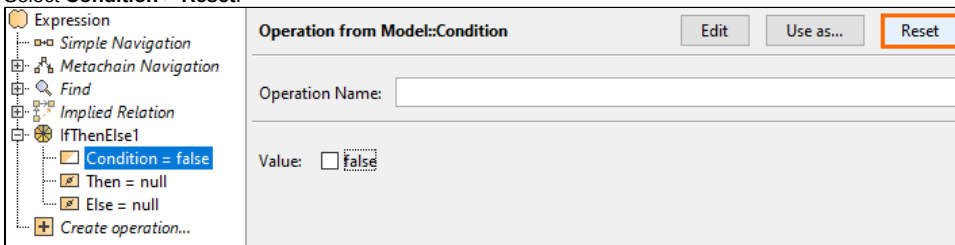


7. Select **Create operation > Operation from Model > IfThenElse**.

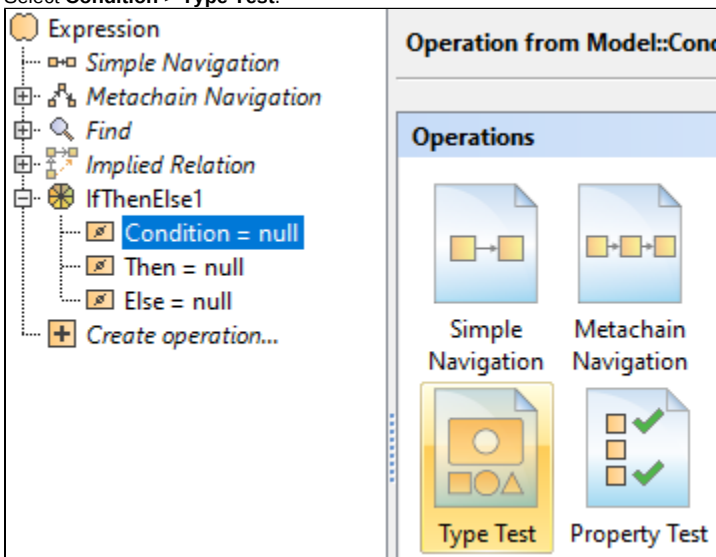
If you cannot see the **IfThenElse** operation, make sure the **Apply Filter** box is not checked.



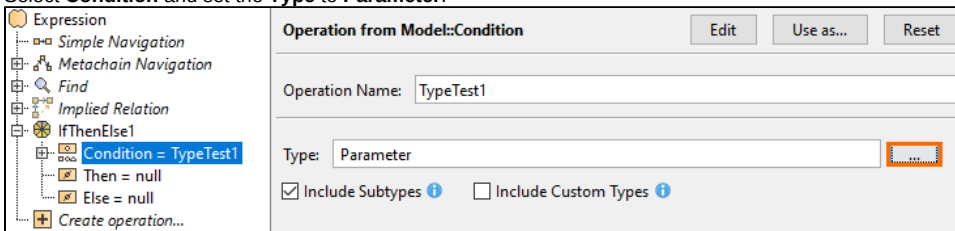
8. Select **Condition > Reset**.



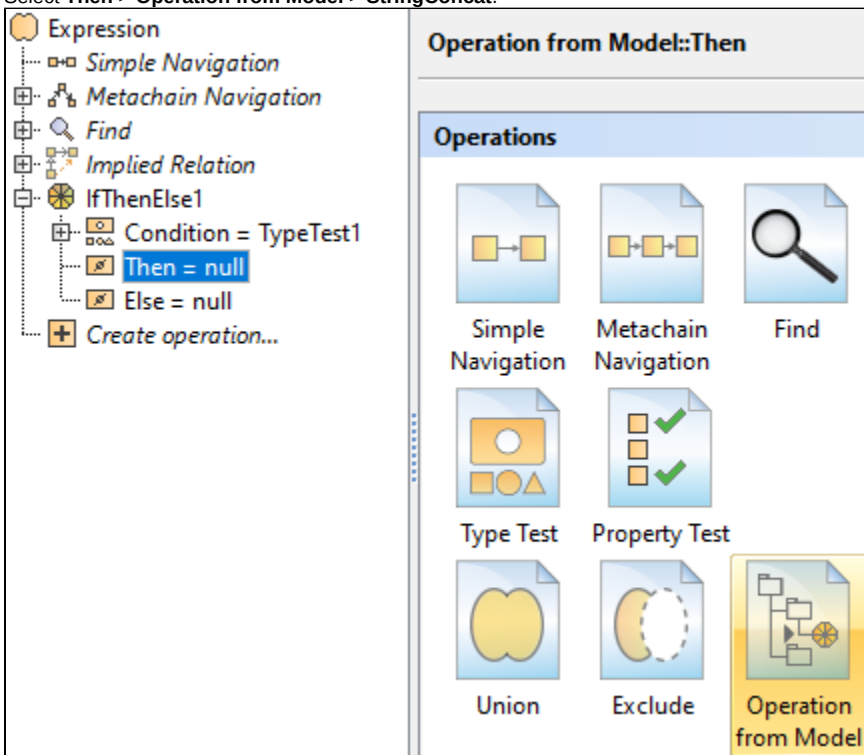
9. Select **Condition** > **Type Test**.



10. Select **Condition** and set the **Type** to **Parameter**.

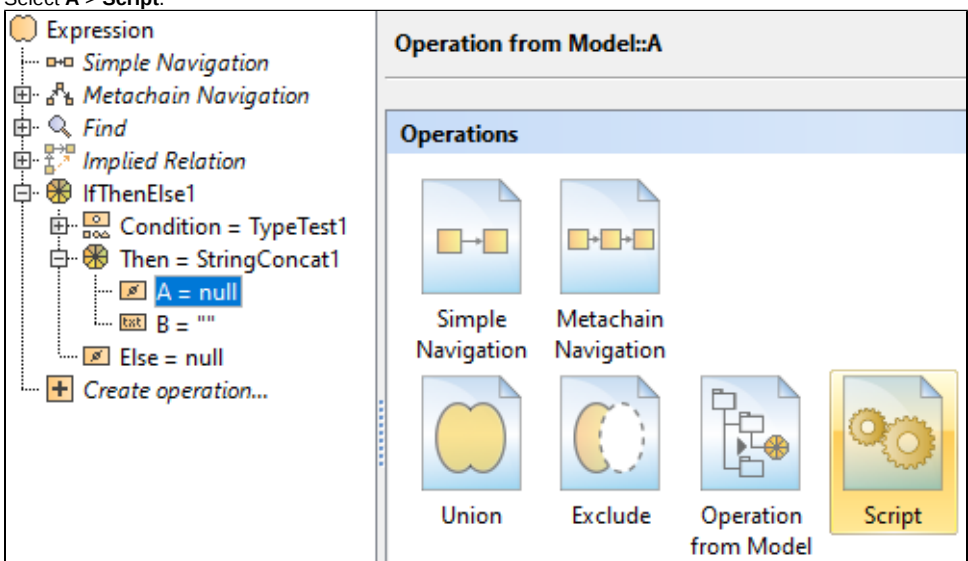


11. Select **Then** > **Operation from Model** > **StringConcat**.

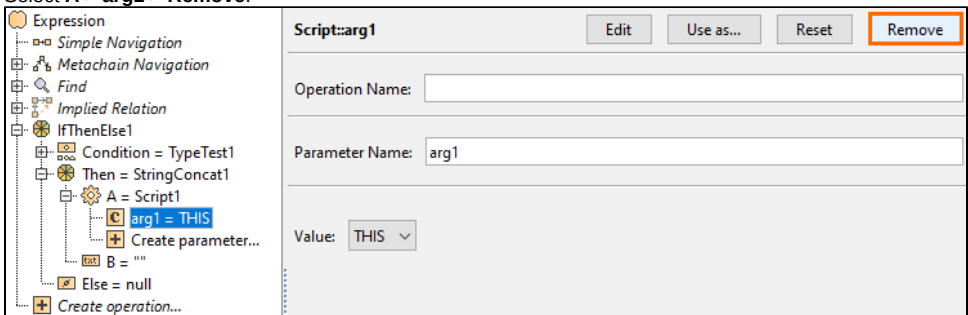


12. Select **A** > **Reset**.

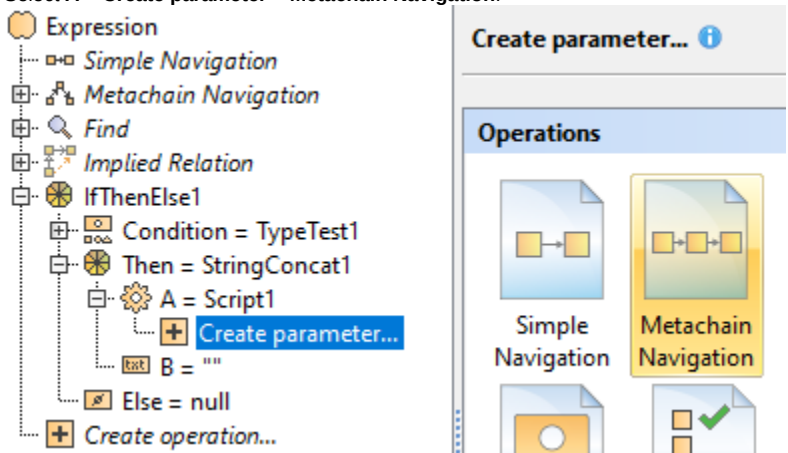
13. Select **A > Script**.



14. Select **A > arg1 > Remove**.



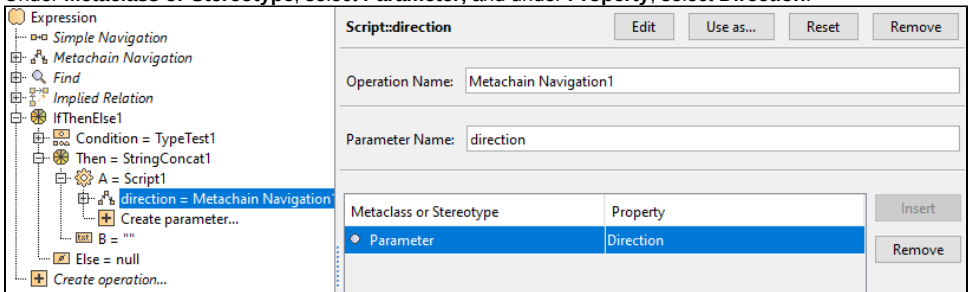
15. Select **A > Create parameter > Metachain Navigation**.



16. Set the **Parameter Name** to **direction**.

17. Click **Insert**.

18. Under **Metaclass or Stereotype**, select **Parameter**, and under **Property**, select **Direction**.

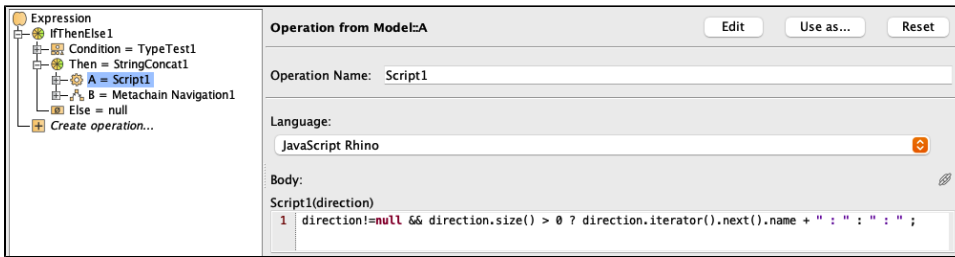


19. Select **A > Script**. From the **Language** drop-down list, select **Javascript Rhino**.

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

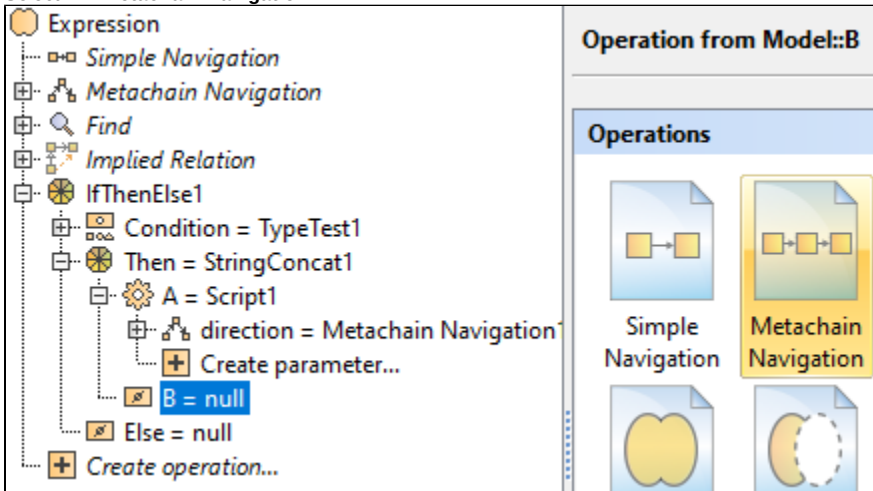
JavaScript Rhino

```
direction != null && direction.size() > 0 ? direction.iterator().next().name + " : " : " : " ;
```



21. Select **B** > **Reset**.

22. Select **B** > **Metachain Navigation**.

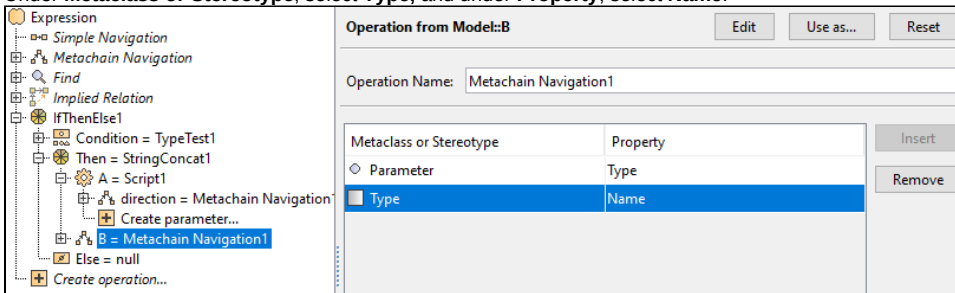


23. Click **Insert**.

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

25. Click **Insert** again.

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



27. 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](#).