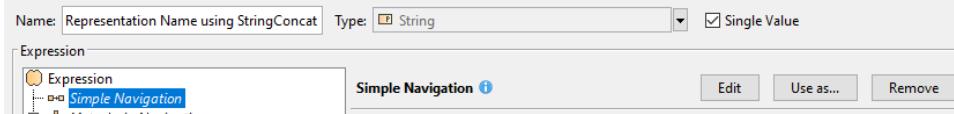


# Case 6. Showing Representation Name in Table using StringConcat

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.



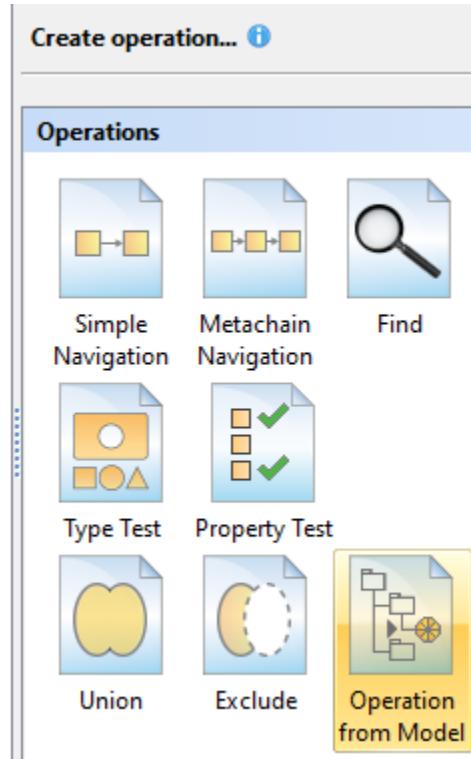
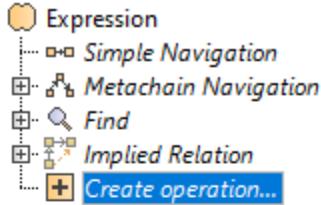
7. Select **Create operation > Operation from Model > IfThenElse**.



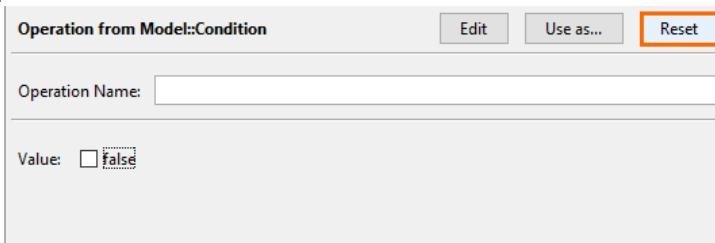
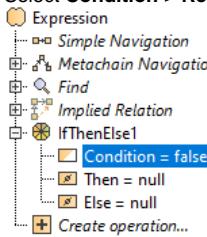
If you cannot see the **Operation from Model** operation under **Operations**, make sure the **Expert** mode is enabled.



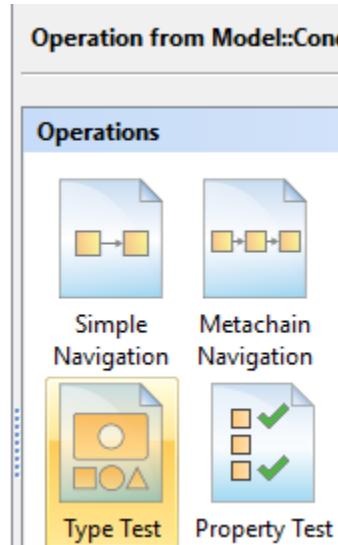
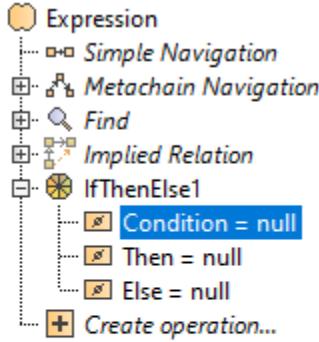
If you cannot see the **IfThenElse** operation, make sure the **Apply Filter** box is not checked.



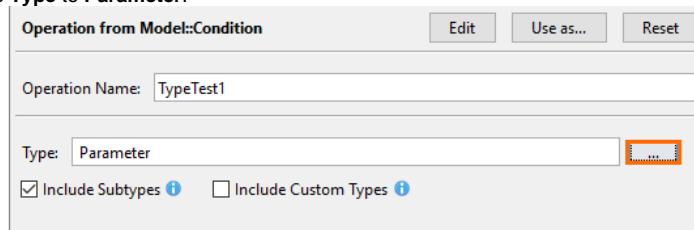
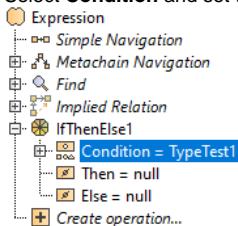
8. Select **Condition > Reset**.



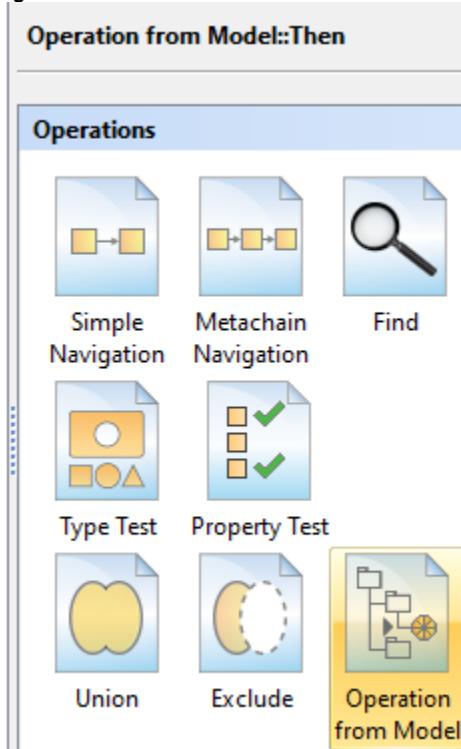
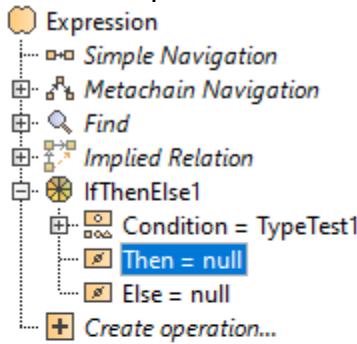
9. Select Condition > Type Test.



10. Select Condition and set the Type to Parameter.

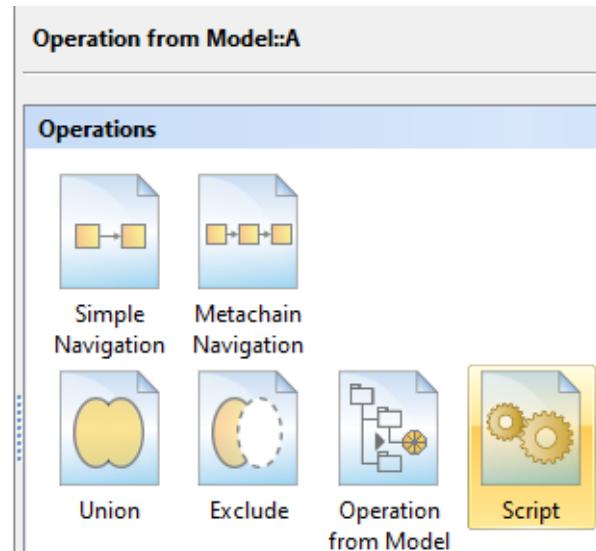
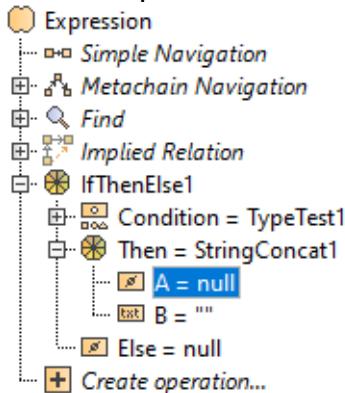


11. Select Then > Operation from Model > StringConcat.

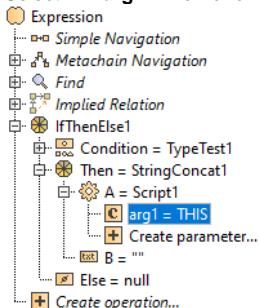


12. Select A > Reset.

13. Select A > Script.



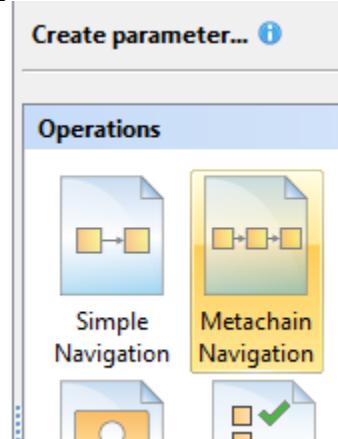
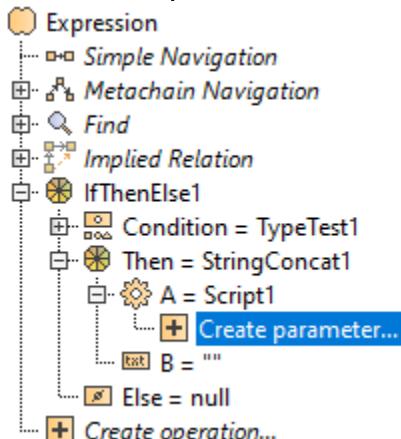
14. Select A > arg1 > Remove.



The screenshot shows the 'Script:arg1' dialog with the following interface:

Script:arg1	Edit	Use as...	Reset	Remove
Operation Name:				
Parameter Name:	arg1			
Value:	THIS			

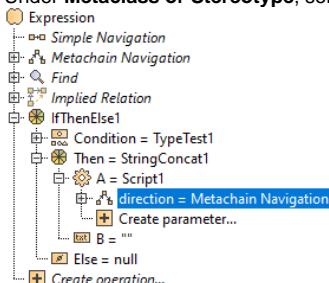
15. Select A > Create parameter > Metachain Navigation.



16. Set the Parameter Name to direction.

17. Click Insert.

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



The screenshot shows the 'Script:direction' dialog with the following interface:

Script:direction	Edit	Use as...	Reset	Remove
Operation Name:	Metachain Navigation1			
Parameter Name:	direction			
Metaclass or Stereotype	Property			
Parameter	Direction	Insert	Remove	

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

20. Insert the following script as the Body:

**Javascript Rhino**

```
direction.iterator().next().name + " : "
```

The screenshot shows the 'Operation from Model:A' dialog and the 'Expression' tree. In the dialog, 'Operation Name' is set to 'Script1', 'Language' is 'JavaScript Rhino', and the 'Body' field contains the script: `Script1(direction)`. Below it, the code `1 direction.iterator().next().name + " : "` is shown. To the left is the 'Expression' tree, which includes nodes for Simple Navigation, Metachain Navigation, Find, Implied Relation, IfThenElse1, Condition = TypeTest1, Then = StringConcat1, A = Script1, direction = Metachain Navigation, Create parameter..., Else = null, and Create operation... . The 'IfThenElse1' node has its 'Then' branch selected.

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

The screenshot shows the 'Operation from Model:B' dialog and the 'Expression' tree. The 'Operations' section lists 'Simple Navigation' and 'Metachain Navigation'. 'Metachain Navigation' is highlighted. The 'Operation from Model:B' dialog shows 'Operation Name: Metachain Navigation1'. The 'Expression' tree on the left is identical to the one in the previous screenshot, with the 'IfThenElse1' node's 'Then' branch selected.

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**.

The screenshot shows the 'Operation from Model:B' dialog and the 'Expression' tree. The 'Operation Name' is 'Metachain Navigation1'. The 'Metaclass or Stereotype' table shows two rows: one for 'Parameter' with 'Type' selected, and one for 'Type' with 'Name' selected. The 'Expression' tree on the left is identical to the ones in the previous screenshots.

27. Click **OK**.