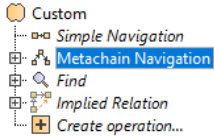


Case 12. Activity Decomposition Table

To create an Activity Decomposition Table

1. Create a **Generic Table**.
2. Set the **Element Type** to **Activity**.
3. Set the **Scope** to the Activity element for which decomposition hierarchy will be displayed.
4. Open the **Specification window** of the **Generic Table** and click three dots **...** next to the **Query** property to edit it.
5. In the **Query** dialog, select **Custom**.
6. Select **Metachain Navigation**.
7. Click **Insert**.
8. Under **Metaclass or Stereotype**, select **CallBehaviorAction**, and under **Property**, select **Behavior**.



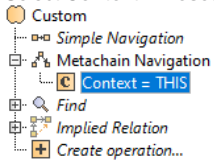
Metachain Navigation [Edit] [Use as...] [Remove]

Operation Name: Metachain Navigation

Metaclass or Stereotype	Property
CallBehaviorAction	Behavior

[Insert] [Remove]

9. Select **Context** > **Reset**.

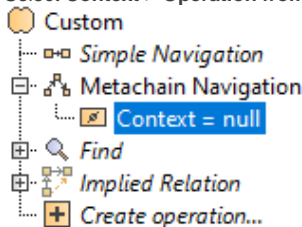


Metachain Navigation::Context [Edit] [Use as...] [Reset]

Operation Name:

Value: THIS

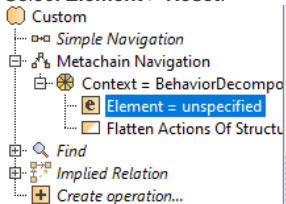
10. Select **Context** > **Operation from Model** > **Behavior Decomposition**.



Metachain Navigation::Context

Simple Navigation	Metachain Navigation	Find	Filter
Union	Exclude	Operation from Model	Script

11. Select **Element** > **Reset**.

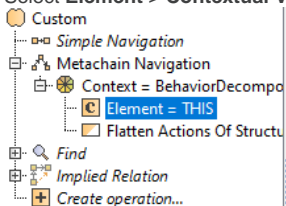


Operation from Model::Element [Edit] [Use as...] [Reset]

Operation Name:

Element: ...

12. Select **Element** > **Contextual Variable**.



Operation from Model::Element [Edit] [Use as...] [Reset]

Operation Name: Contextual Variable1

Value: THIS

13. Select the **Build Hierarchy** check box to recursively execute the specified expression for building a multilevel hierarchy starting from the scope as the root.
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](#).