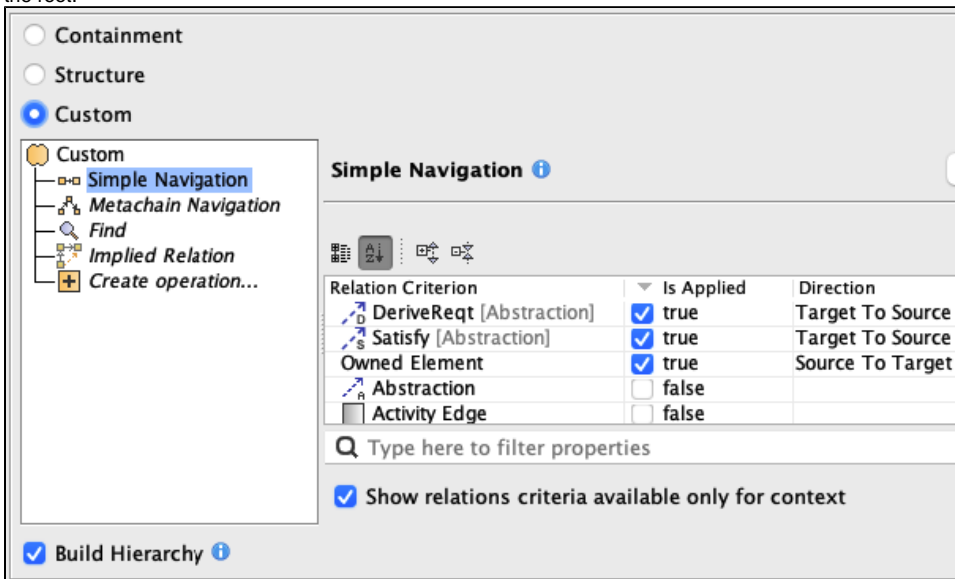# Case 9. Requirements Derivation and Satisfaction using Table Hierarchy

To perform Requirements Derivation and Satisfaction using the Table Hierarchy

1. Create a **Generic Table**.
2. Set the **Element Type** to **Call Behavior Action**, **Property**, **Requirement**, **State**.
3. Set the **Scope** to the Requirements that will be displayed in the Table.
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 **Simple Navigation** and set:
   - **DeriveReqt**:
     Is Applied: **True**
     Direction: **Target to Source**
   - **Satisfy**:
     Is Applied: **True**
     Direction: **Target to Source**
   - **Owned Element**:
     Is Applied: **True**
     Direction: **Source to Target**
7. Select the **Build Hierarchy** check box to recursively execute the specified expression for building a multilevel hierarchy starting from the scope as the root.

8. 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*.