Displaying row elements hierarchically

Hierarchical tables are very useful for managing and reviewing data. Hierarchy in a table is a tree-like structure where all the rows are listed according to the elements containment.

Important

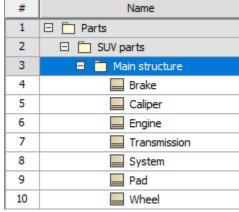
The hierarchy in the Instance table is displayed according to an instance value that is a slot value of another Instance Specification. Composite instances are displayed.

Displaying elements hierarchically in a table

To display elements hierarchically

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- In the table toolbar, click
 Under the **Display Mode** option choose:
 - Complete tree to display row elements in a hierarchy where all the owners are represented in separate rows.



• Compact tree to display row elements in a hierarchy where the common owners are grouped together in a separate row.

#	Name	
1	🖯 📋 Main structure [Parts::SUV parts]	
2	Brake	
3	Caliper	
4	Engine	
5	Transmission	
6	System	
7	Pad Pad	
8	Wheel	
-		

The hierarchy is created in the table by listing all the elements as they are shown in the Containment tree.

Displaying row elements in a custom hierarchy

To display elements in a custom hierarchy

1.	In the Criteria area,	the Criteria area, next to the Scope box, click the					
	Scope (optional):	Drag elements from the Model Browser					
			Specif	y Quer	y (optional)		

2. Specify the expression to collect table elements:

- Select **Containment** to display the decomposition of elements related through the Containment relationship.
- Select Structure to display the decomposition of Part Properties related through the Composition relationship.
- Select **Custom** to display the decomposition of elements related through any criteria of your choice.

If you have selected Custom, please specify the expression.

Query Edit Query Specify the expression to coll	ect row elements.		5	
Containment Structure Custom				
Custom Simple Navigation Simple Navigation Simple Navigation Find Timplied Relation	Simple Navigation 😗		Edit	Remove
Create operation	Relation Criterion Relations Abstraction Activity Edge Image: AdditionalElementImport [ElementImport] Image: AdditionalElementImport [PackageImport] Image: AdditionalPackageImport [PackageImport] Image: Additimport [PackageImport]	Is Applied false	Direction	Clear All

Specifying expression in the Query dialog

Expanding/collapsing nodes in a hierarchical table

To expand/collapse nodes in a hierarchical table

• (• Click □ / □ in the name column.									
Γ	5		SR1.6 Distance	Requirements of distances on different modes						
	9	R	SR1.7 Adaptive Cruise Control	The Adaptive Cruise Control (ACC) shall control acceleration and braking of the vehicle. ACC shall detect traffic slowing ahead and automatically reduce speed to match.						
	10	R	SR1.1 Vehicle Mass	The total vehicle mass shall not exceed 1500 Kg.						

• Select the specific row, hold Ctrl, and then press the right/left arrow key on the keyboard.

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