Structure tab

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The Structure browser allows you to browse for deeply nested structures of the structured classifier in your model. The node: diameter : mm represents the property: diameter : mm of the classifier: Wheel and also the property: w : Wheel is the property of the classifier: WheelAssembly, as shown in the image below:

Eg Structure	
Structure 🕑 🛡 🗙	:
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E Model	~
🗄 🗂 HSUVModel	
HSUV Analysis	
🗄 🖷 HSUV Behavior	
🗄 🛅 HSUV Instance Values	
HSUV Requirements	
HSUV Structure	
HSUV Interfaces	
BrakeSubsystem	
CAN Bus	
⊕ 🔜 ChassisSubsystem	
⊡ Differential	
ElecPower	
🖽 🖳 ElectricalPowerController	
ElectricCurrent	
🖶 🔚 ElectricMotorGenerator	
🛱 🛄 FrontWheel	
🗄 🖻 hub : Hub [1]	
wheel: WheelAssembly [1]	
P w: Wheel [1]	
mountingHoles : LugBoltMountingHole [5]	
······································	
WirelessTire PressureMonitor [1]	
P weight : Balance Weight [0, 6]	
P v : InflationValve [1]	
	~

The Structure tab in the Model Browser.

Opening the Structure tab

To open the Structure tab

^{1.} From the main menu, select Window > Structure.

The property nodes, which are shown inside the property node (the parent property node), are the properties of the classifier that type the parent property node.

In the Structure tab, you can open any selected element in a new tree.

To open a new tree

1. Select the element and in the Structure tab toolbar click \vec{e}

Displaying Inherited Structure option

The Structure tab can show the properties that are inherited from the generalization classifier.

To display inherited structures from the generalization classifier in the Structure tree

1. Click on the right of the Structure Browser. 2. Select the Show Inherited Structure option. Be Containm.. 2 Diagrams Eg Structure Structure @ # X Ö. 📭 🕸 🖾 🖾 🖾 ⊡… 🖾 Model 7 Filter... ---- 📩 Analysis Show Auxiliary Resources 🗄 🗄 Requirements Show Applied Stereotypes 🖻 🛅 Structure ···· 🛅 initial values Nest Satisfied Requirements 🖻 🖳 Brake ~ Show Inherited Structure P rotor : Rotor . Caliper : Caliper Show Full Types - P pad : Pad Show Code Engineering Sets ····· 🔽 brakeMU : Real … vidth : diameter[metre] ····· 🔽 centerLength : length[metre] Thickness : length[metre] 🗄 --- 🔚 Caliper 🗄 --- 🔜 Engine 🗄 ··· 🔜 Pad ÷... Rotor

Nesting Satisfied Requirements option

The Structure Tab can also show requirements nested within elements that satisfy them.

If the relationship is contextualized, its context is considered as well. Learn more about contextual relationships >>

To nest requirements under the satisfying elements

Click on the right of the Structure Browser.
 Select the Nest Satisfied Requirements option.

