

Missing Block stereotype

Abbreviation

Block[8]

Description

This validation rule checks if a classifier which specializes a Block is also have the «Block» stereotype or one of its specializations applied.

Severity

info

Constrained Element

Class

Solvers

To fix this, do one of the following:

- Apply «Block» stereotype for an element which base classifier is stereotyped by a «Block».
- Open element's Specification window and in the **Base Classifier** property select any element except a Block or leave it empty.

Example



Class

The screenshot shows the 'Specification of Class Wheel' dialog box. The title bar reads 'Specification of Class Wheel'. The main heading is 'Specification of Class properties'. Below it is the instruction: 'Specify properties of the selected Class in the properties specification table. Choose the Expert or All options from the Properties drop-down list to see more properties.' On the right is a document icon with a pencil. The dialog is divided into two main sections. On the left is a tree view showing the class hierarchy: **Wheel** (selected) contains **Documentation/Comments**, **Navigation/Hyperlinks**, **Usage in Diagrams**, **Usage In**, **Attributes**, **Ports**, **Operations**, **Receptions**, **Behaviors**, **Template Parameters**, **Inner Elements**, **Relations**, **Tags**, **Constraints**, **Instances**, **Traceability**, and **Allocations**. On the right is a 'Properties' section with a dropdown menu set to 'All'. Below the dropdown is a table with two columns: 'Base Classifier' and 'Vehicle [Structure]'. A search bar at the bottom contains the text 'base'. At the bottom of the dialog are buttons for 'Close', 'Back', 'Forward', and 'Help'.



Block

The screenshot shows the 'Specification of Block Wheel' dialog box. The title bar reads 'Specification of Block Wheel'. The main heading is 'Specification of Block properties'. Below it is the instruction: 'Specify properties of the selected Block in the properties specification table. Choose the Expert or All options from the Properties drop-down list to see more properties.' On the right is a document icon with a pencil. The dialog is divided into two main sections. On the left is a tree view showing the class hierarchy: **Wheel** (selected) contains **Documentation/Comment**, **Navigation/Hyperlinks**, **Usage in Diagrams**, **Usage In**, **Constraints**, **Ports/Interfaces**, **Properties**, **Attributes**, **Ports**, **Operations**, **Receptions**, **Behaviors**, **Relations**, **Tags**, **Traceability**, and **Allocations**. On the right is a 'Properties' section with a dropdown menu set to 'All'. Below the dropdown is a table with two columns: 'Base Classifier' and 'Vehicle [Structure]'. A search bar at the bottom contains the text 'base'. At the bottom of the dialog are buttons for 'Close', 'Back', 'Forward', and 'Help'.

The Block stereotype must be applied for a *Wheel* since its base classifier is stereotyped by a Block.

