

Managing Containment Markings

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Containment Markings can be displayed on various element types via the **Update** action in the Data Markings & Classification shortcut menu. You can update Containment Markings of individual elements or multiple ones at the same time by selecting multiple elements or recursively via the parent element.

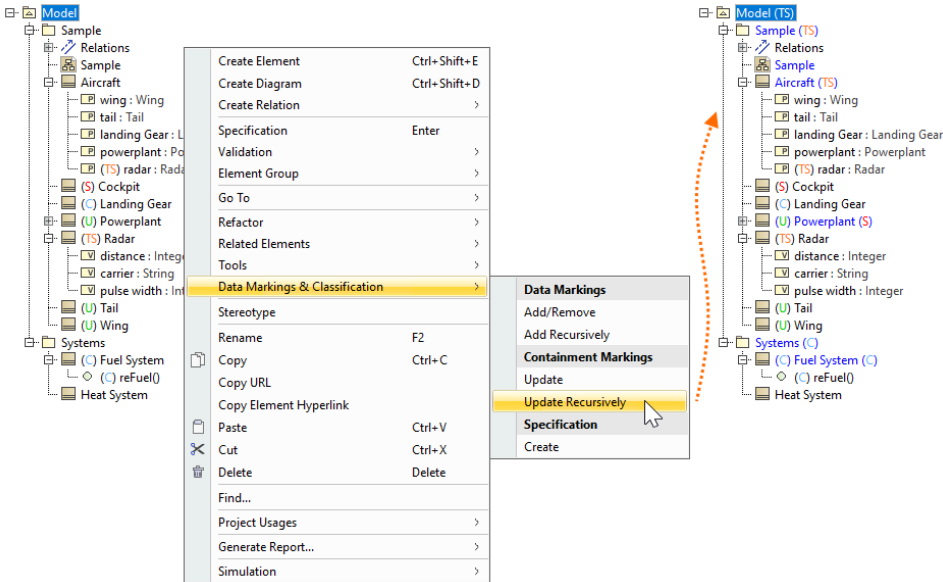


- To display Containment Markings, you need to specify what element types can have Containment Markings displayed via the [Element Types](#) with [Containment Markings](#) project option.

Updating Containment Markings on multiple elements recursively via the highest parent element of the project (recommended)

To update Containment Markings on multiple elements recursively via the highest parent element of the project, use the **Update** / **Update Recursively** actions to either update the existing Containment Markings or to display them if the element does not yet have them displayed.

1. Right-click the highest parent element of the project. In the shortcut menu, select **Data Markings & Classification**.
 2. In the Containment Markings section, select **Update Recursively**.
- The Containment Markings of the element on which the action is executed and the elements owned by it (if their type is specified in the [Element Types with Containment Markings](#) project option) are updated.

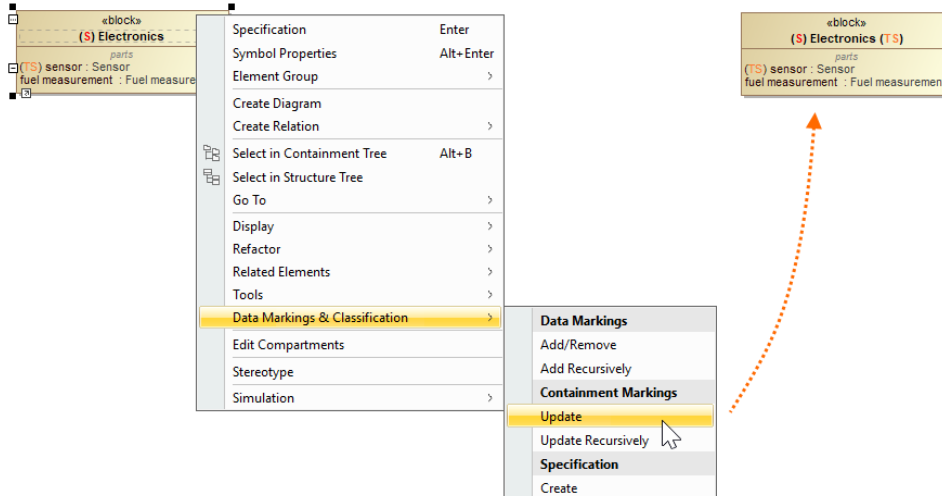


Updating Containment Markings on a single element

To update Containment Markings on a single element

1. Right-click an element or its symbol. In the shortcut menu, select **Data Markings & Classification**.

- In the Containment Markings section, select **Update**.
The element's up-to-date Containment Markings are displayed next to the element name.

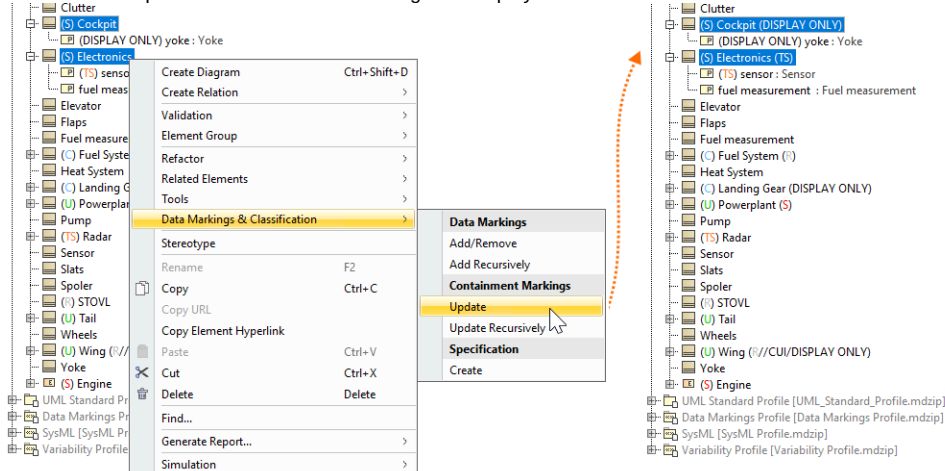


Updating Containment Markings on multiple elements

To update Containment Markings on multiple elements

- Hold the Ctrl key and select the elements or their symbols whose Containment Markings you want to update.
- Right-click one of the selected elements/symbols. In the shortcut menu, select **Data Markings & Classification**.
- In the Containment Markings section, select **Update**.

The elements' up-to-date Containment Markings are displayed next to the element names.



Updating Containment Markings recursively via the parent element

To update Containment Markings recursively via the parent element

- Right-click an element or its symbol. In the shortcut menu, select **Data Markings & Classification**.

- The Containment Markings of the element on which the action is executed and the elements owned by it (if their type is specified in the [Element Types with Containment Markings](#) project option) are updated.

The screenshot shows the SysML Editor interface. On the left, the 'Model' tree displays a hierarchy: 'Sample' (containing 'Relations', 'Aircraft', and 'Systems') and 'Systems' (containing 'Fuel System', 'refuel()', and 'Heat System'). The 'Aircraft' element is expanded, showing sub-elements like 'wing', 'tail', 'landing Gear', 'powerplant', '(TS) radar', '(S) Cockpit', '(U) Landing Gear', '(U) Powerplant', and '(TS) Radar'. The 'Systems' element is also expanded, showing '(C) Fuel System', '(C) refuel()', and 'Heat System'. On the right, the 'Diagram' tree shows the same hierarchy, but with the 'Update Recursively' option selected in the 'Data Markings' menu. The 'Data Markings' menu is open, showing options: 'Add/Remove', 'Add Recursively', 'Containment Markings', 'Update', 'Update Recursively' (highlighted), 'Specification', and 'Create'. The 'Update Recursively' option is highlighted with a mouse cursor. A red arrow points from the 'Update Recursively' option in the menu to the 'Update Recursively' option in the 'Data Markings' menu.