

Meta property substitution (changing name of UML property)

You can customize a standard UML property to represent a more restricted type. You can also rename the property.

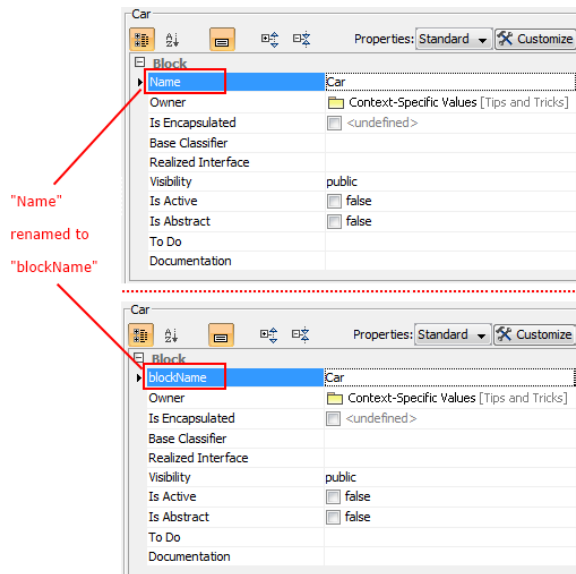
Property name substitution

The following case study presents an example of property name substitution.

Case study

In the DSL element [Specification window](#), rename the Name property to *blockName*.

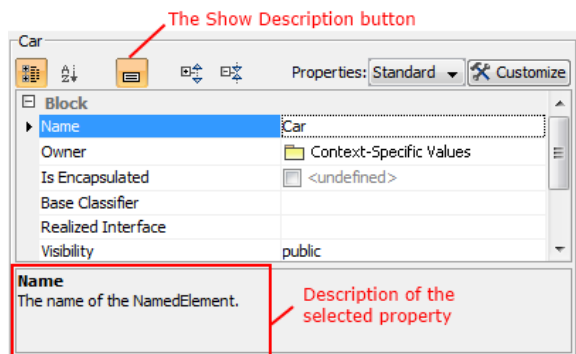
1. Create a *name* attribute in the customization element.
2. Apply the «*metaProperty*» stereotype on the attribute.
3. In the «*metaProperty*» attribute Specification window, click the **New Name** property, and then type a new name *blockName*.
4. To apply the changes, reopen the project.



Example of property name substitution.

Property description substitution

In the element [Specification window](#), the description of the selected property is displayed below the properties list (see the preceding figure). You can customize (change) the property description. For example, after changing the property name (see the Case Study above), you could also change the property description.



Example of property description area in element Specification window .

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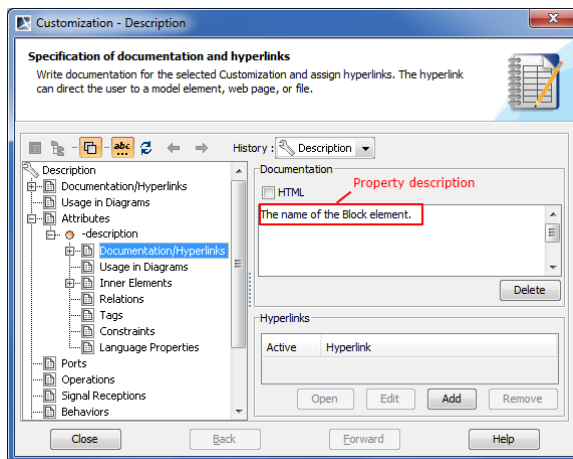
Related Pages

- [Creating Customization Data](#)
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- [Customization Element Properties](#)
- [Customizing Specification Window](#)

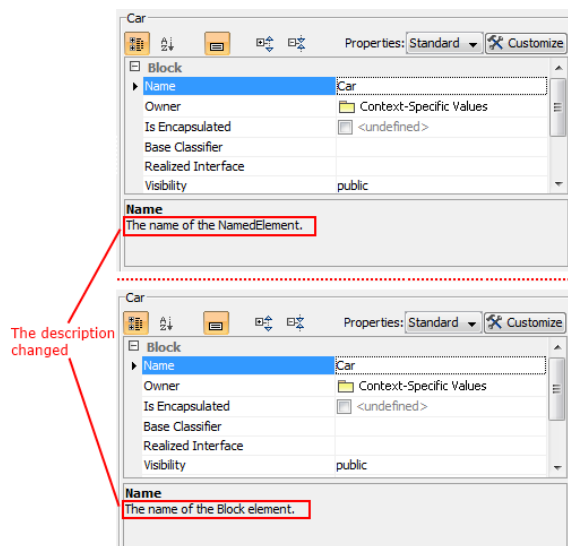
Case study

To change the *Name* property description

1. Create a new description attribute in the customization element.
2. Apply the «*metaProperty*» stereotype on the attribute.
3. Type a new description in the customization element Specification window, under the description attribute, **Documentation/Hyperlinks** property group.



4. To apply the changes, save and reopen the project. The description of the *Name* property changes.



Example of property description substitution.

Type substitution (restriction)

To change the type

1. Create the *type* attribute for the customization element.
2. Apply the «*metaProperty*» stereotype.
3. Click the **New Types** property in the type *attribute* Specification window.
4. Specify the «*Block*» stereotype.

5. To apply the changes, save and reopen the project.

Suggesting predefined values

To create properties to list predefined values suggested for the end user (such as "type modifier")

1. [Create an attribute](#) for the customization element.
2. Name attribute as a property to customize.
3. [Apply the «metaProperty» stereotype](#).
4. Enter suggested values into the Suggested Values property.