Customizing Symbols

On this page

- Setting default symbol size
- Setting custom path style

Related Pages

- Customization Element Properties Description
- Formatting symbols

Setting default symbol size

The **Default Shape Size** property defines the default size of a shape when you create a symbol in a diagram. Use the **Default Shape Size** property in the Customization element Specification window to define the default symbol size in DSL customization:

- The first value is the width (x) in pixels. Value= 0 is used if a default symbol width should stay, but the height should change.
- The second value is a height (y) in pixels.

A default shape size is used everywhere a new symbol is created - using drag-and-drop, diagram toolbar button, diagram wizards, etc.

Setting custom path style

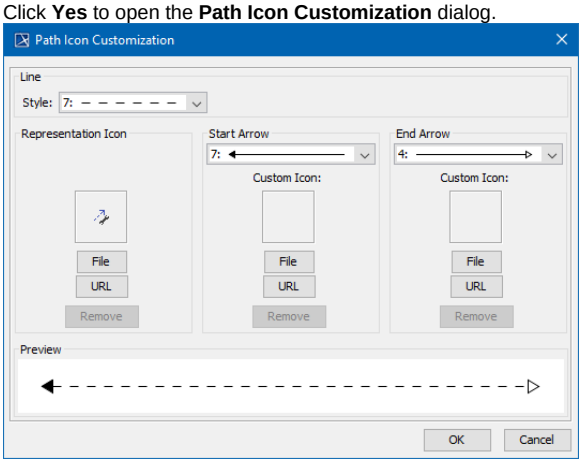
Customize the custom path style by changing:

- Line style (dashes, dots, solid line, etc).
- Arrow style at the first end and arrow style at the second end.
- Custom scalable icon for the first end and for the second style.

To create the custom path style

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1. In a profile, create a stereotype.
2. Right-click either the stereotype or a created stereotype (usually created in the profile diagram). Select **Metaclass**. In the **Select Metaclass** dialog, clear all selections. Select the *Relationships* metaclass.
3. Customize the path style. In the stereotype Specification window, click the **Icon** property and then click the ... button.
4. Click **Yes** to open the **Path Icon Customization** dialog.



5. Specify the path style.
6. Click **OK** when you are done.
7. Apply the stereotype to a relationship.

> **Symbol Properties**
>
> Change the line width and the rest of the path properties in the **Symbol Properties** dialog.

Path icon usage rules:

- Custom appearance is used only after applying the stereotype.
- End icons are rotated according to path position and direction.
- The end icon size is scaled according to font size (as with standard arrows).