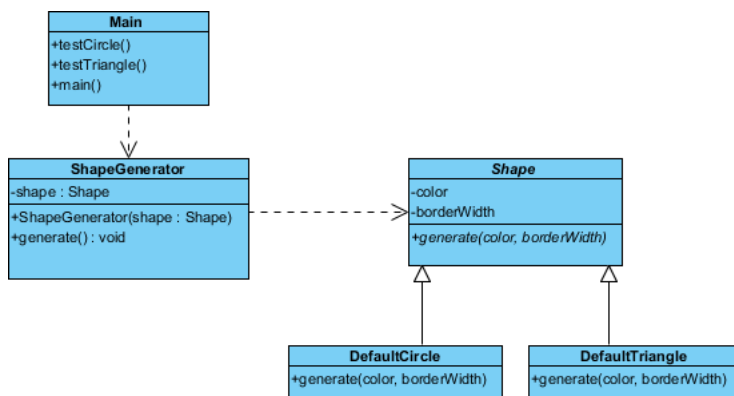




UML Stereotype Tutorial - Working with Styles

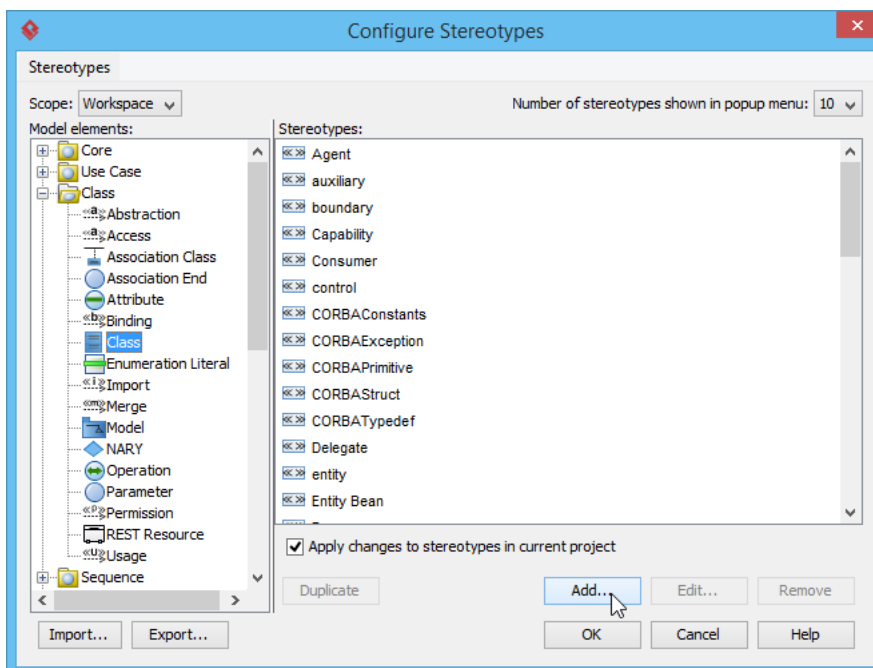
Written Date : June 24, 2015

1. Download [Simple-Shape-Generator.vpp](#). You can also find this file at the bottom of this tutorial.
2. Open the downloaded .vpp file in Visual Paradigm. To open a project, select **Project > Open** from the application toolbar. You will see the class diagram below.

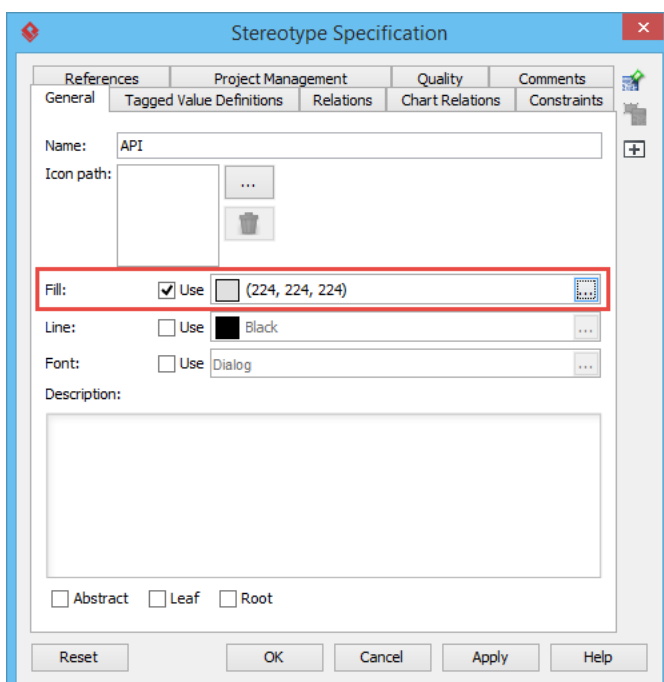


3. We want to model the fact that the `Shape` class is an API class. We can do this by defining and applying an API stereotype. Select **Windows > Configuration > Configure Stereotypes...** from the toolbar.

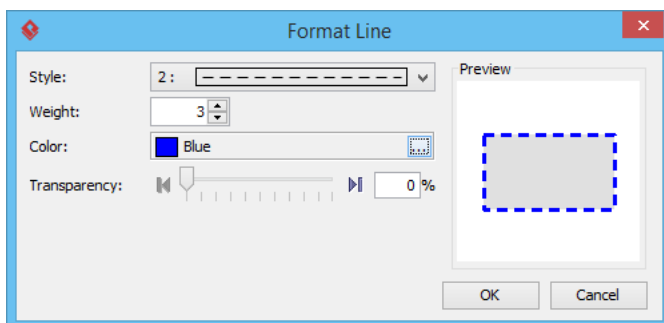
4. In the **Configure Stereotypes** window, expand the **Class** tree node, and select **Class**. Click **Add...** at the bottom.



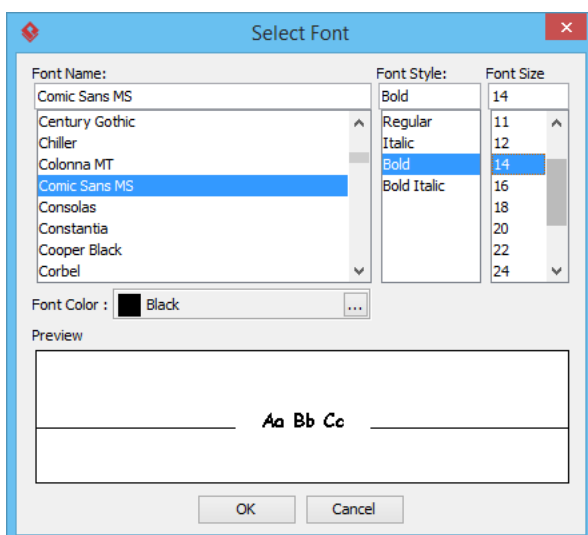
5. In the **Stereotype Specification** window, enter `API` as the name.
6. Here you can see three options in the specification dialog box: **Fill**, **Line**, and **Font**. By setting them, you can make classes that use the *API* stereotype share the formatting properties defined. Let's try **Fill** first. Check **Use** for **Fill**. Click the ... button and select **gray** as the color.



- Similarly, check **Use** for **Line** and edit its properties. Select a dotted line style, set the weight to `3`, and select **blue** as the color.

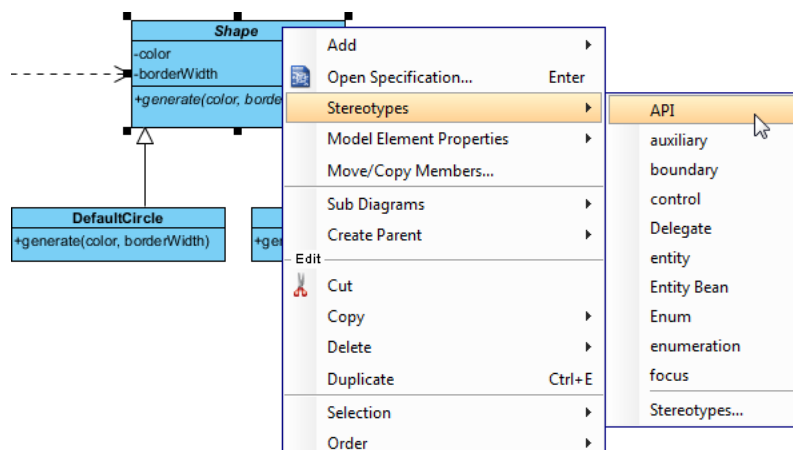


- Finally, check **Use** for **Font** and edit its properties. Select a font you like (Comic Sans MS is used in this tutorial), set it to **bold**, and select **14** as the font size, which makes the text bigger than the default.

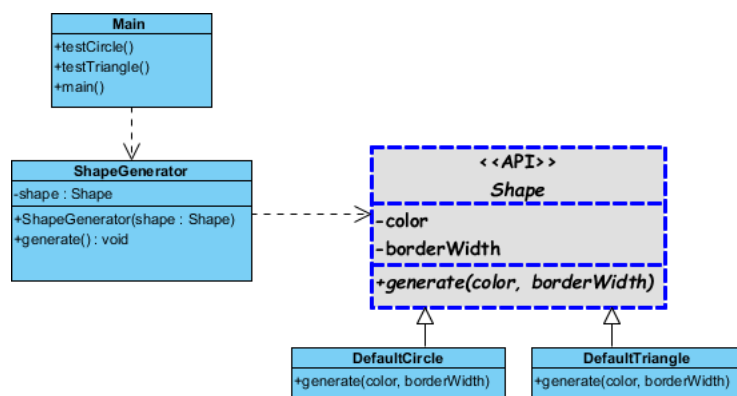


- Click **OK** to confirm the changes in the **Stereotype Specification** window. Click **OK** in the **Configure Stereotypes** dialog box to close it.

- Now, we need to apply the `API` stereotype to the `Shape` class. Right-click on the `Shape` class and select **Stereotypes** > **API** from the popup menu.



- The appearance of the class is updated to follow the format defined for the *API* stereotype.



Visual Paradigm home page
(<https://www.visual-paradigm.com/>)

Visual Paradigm tutorials
(<https://www.visual-paradigm.com/tutorials/>)