YAKINDU Statechart image generator

Web-Clip

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The statechart image generator renders a statechart and all its subdiagrams, if any, as image files. The generator supports several pixel-based and vector-based image formats, subject to the capabilities of the Java implementation you are using.

1 . counter(h2, decimal) . counter(h3, decimal) . Sample statechart image generator model

The following example is a generator model to create SVG vector images of the *turbineControl* statechart. The generated images are placed in the *images* folder, which is located in the *powerPlant* project.

```
GeneratorModel for yakindu::images {

    statechart turbineControl {

        feature Outlet {
            targetProject = "powerPlant"
            targetFolder = "images"
        }

        feature Renderer {
            format = "svg"
        }
    }
}
```

2 . counter(h2, decimal) . counter(h3, decimal) . Statechart image generator ID

The statechart image generator's ID is yakindu::images. If you are using the

YAKINDU generator model configuration wizard to create a generator model, select the *YAKINDU Image Generator* to place the generator ID into the *.sgen* file.

3 . counter(h2, decimal) . counter(h3, decimal) . Statechart image generator features

1 . counter(h2, decimal) . counter(h3, decimal) . counter(h4, decimal) . Outlet feature

The mandatory Outlet feature specifies the project and folder the statechart images will be written to. See section "Outlet feature" for details.

> Please note: The image generator supports the Outlet feature's *targetProject* and *targetFolder* parameters only.

2 . counter(h2, decimal) . counter(h3, decimal) . counter(h4, decimal) . Renderer feature

The mandatory Renderer feature controls the rendering of the images.

> *format* (String, required): Format of the generated images. YAKINDU Statechart Tools supports the following formats:

Image format	Description
BMP, PNG	Lossless pixel image formats
JPG, JPEG	Lossy pixel image format
SVG	Scalable Vector Graphics
PDF	Portable Document Format