

SVGSerializerKeys

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- TARGET-AUDIENCE: ***beginner***
- COCOON-RELEASES: Current CVS
- DOCUMENT-STATUS: ***draft***

What you will get from this page

This is an exhaustive list of keys and how to use them with the SVGSerializer.

Your basic skills

- You can edit Cocoon's sitemap file

How to use these keys

You can see a basic usage of the key in Cocoon's sitemap file:

```
<map:serializer
  logger="sitemap.serializer.svg2jpeg"
  mime-type="image/jpeg"
  name="svg2jpeg"
  src="org.apache.cocoon.serialization.SVGSerializer">

  <parameter name="quality" type="float" value="0.5"/>
</map:serializer>
```

Key List

The following keys are available in either usage of the SVGSerializer (jpeg or png) They were taken from the Batik Javadocs. Note that since some of them deal with the contents of the SVG file and not the final image, not all keys may actually be useful.

Key Name	Type	Description	Default
WIDTH	Float	The desired width of the image	Width of the topmost SVG element
HEIGHT	Float	The desired height of the image	Height of the topmost SVG element
MAX_WIDTH	Float	Max width of the image	Width of the topmost SVG element
MAX_HEIGHT	Float	Max height of the image	Height of the topmost SVG element
LANGUAGE	String	Specify the preferred language of the image	en
MEDIA	String	Default media to use with CSS	screen
DEFAULT_FONT_FAMILY	String	Controls the default value used by the CSS engine for the font-family property when that property is unspecified.Specify the media to use with CSS.	"Arial, Helvetica, sans-serif"

ALTERNATE_STYLESHEET	String	Specifies the alternate stylesheet title	null
ALTERNATE_STYLESHEET_URI	String	URI to the stylesheet	null
BACKGROUND_COLOR	Color	A color (in HTML form, e.g. #336699) which specifies the background color of the image.	null
FORCE_TRANSPARENT_WHITE	Boolean	Controls whether the encoder should force the image's fully transparent pixels to be fully transparent white instead of fully transparent black. This is useful when the encoded file is displayed in a browser which does not support transparency correctly and lets the image display with a white background instead of a black background. However, note that the modified image will display differently over a white background in a viewer that supports transparency.	false

The following keys are only available when using svg2jpeg:

Key Name	Type	Description	Default
QUALITY	Float	Compression level from 0.0 to 1.0, with 1.0 being the least compression (best quality)	1.0

The following keys are only available when using svg2png:

Key Name	Type	Description	Default
GAMMA	Float	Controls the gamma correction of the png image. A value of zero for gamma disables the generation of a gamma chunk. No value causes an sRGB chunk to be generated.	Approx 2.22
INDEXED	Integer	Turns on the reduction of the image to index colors by specifying color bit depth, 1,2,4,8. The resultant PNG will be an indexed PNG with color bit depth specified.	None (24-bpp image)

Links to other information sources

- [Batik JavaDocs](#)

page metadata

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