
DocUtils Extensions (by leliel12)

Documentation

Release 0.2

JuanBC

Sep 27, 2017

Contents

1	SVG Template (Directive)	3
2	Links and other Stuff	7
3	Indices and tables	9
	Python Module Index	11

Contents:

SVG Template (Directive)

- **Directive Type:** “image”
- **Doctree Elements:** figure, image, caption, legend
- **Directive Arguments:** One, required (image URI).
- **Directive Options:** Possible.
- **Directive Content:** Interpreted as the figure caption and an optional legend.

A “svgt” is a figure (<http://docutils.sourceforge.net/docs/ref/rst/directives.html#figure>) rendered from a svg replaced all `{variables}` with a given values.

You can create the svg with any software (like inkscape) and put inside text variables formatted like `{variables}` and it will replaced from the argument `vars`

NOTE: The directive depends on inkscape (<http://inkscape.org/>)

```
.. svgt:: /path/to/svg_file.svg
```

```
:vars: {"var_name0": "var_value0",
        "var_name1": "var_value1",
        ...,
        "var_nameN": "var_valueN"}
```

```
:dpi: 32
```

```
:inkscape_dir: /path/to/inkscape/directory/
```

This **is** the caption of the rendered svg (a simple paragraph).

The legend consists of **all** elements ****after**** the caption. In this case, the legend consists of this paragraph **and** the following table:

Symbol	Meaning
.. image:: tent.png	Campground

```
+-----+-----+
| .. image:: waves.png | Lake |
+-----+-----+
| .. image:: peak.png  | Mountain |
+-----+-----+
```

There must be blank lines before the caption paragraph and before the legend. To specify a legend without a caption, use an empty comment (“.”) in place of the caption.

The “svgt” directive supports all of the options of the “figure” directive are passed on to the contained created figure.

In addition, the following options are recognized:

vars: *json string* An json string containing all the variable values to be replaced in the svg.

dpi: *non-negative int* The dpi of the image generated from svg (default: 72).

inkscape_dir: *path* The directory where the binary of inkscape lives (default: “”).

list_vars_and_exit: *flag* If you add this argument will be printed on standard output all the variables that are in the svg.

class `svgt.SVGTemplate` (*name, arguments, options, content, lineno, content_offset, block_text, state, state_machine*)

The svgt directive

`svgt.setup` (*app*)

This function is called by sphinx

Example

With this images



.



And this code

```
.. svgt:: images/temp.svg
   :vars: {"name": "Render with svgt", "url": "images/troll.png"}

   This is an example of render
```

Generate this:



Fig. 1.1: This is an example of render

CHAPTER 2

Links and other Stuff

- **Repo:** https://bitbucket.org/leliel12/docutils_ext
- **Downloads:** https://bitbucket.org/leliel12/docutils_ext/downloads
- **Bug Tracker:** https://bitbucket.org/leliel12/docutils_ext/issues

CHAPTER 3

Indices and tables

- `genindex`
- `modindex`
- `search`

S

svgt, [1](#)

S

`setup()` (in module `svgt`), 4

`svgt` (module), 1

`SVGTemplate` (class in `svgt`), 4