Caktus Sphinx Theme Documentation

Release 0.1.0

Caktus Consulting Group

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Contents

This is a custom Sphinx theme used for documenting projects written and maintained by Caktus Consulting Group.

CHAPTER 1

Installing

There are no current releases of this theme but you can install directly from Github:

```
pip install git+git://github.com/caktus/caktus-sphinx-theme.git#egg=caktus-sphinx-
→theme
```

Once installed you should change your Sphinx `conf.py` to include:

```python
import caktus_theme
html_theme = 'caktus'
html_theme_path = [caktus_theme.get_theme_dir()]
html_sidebars = caktus_theme.default_sidebars()
```

To use the Pygments style from the theme you should ensure that `pygments_style` is not set.

For additional detail on configuring the theme, please read the full usage documentation.

Documentation

Additional documentation on using caktus-sphinx-theme is available on Read The Docs. The documentation also uses the theme so you can see an example of the style.

License

caktus-sphinx-theme is released under the BSD License. The theme itself contains a number of references to Caktus Consulting Group including logos but you are free to adapt this theme for your own uses. See the LICENSE file for more details.

This theme makes use of the Semantic Grid System which is available under the Apache 2.0 license.

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Theme Examples

This page is to serve as example of how the theme handles various pieces of documentation.

Python Code

```python
import random

if random.random() < 0.5:
    print 'You win!'
else:
    print 'You lose.'
```

HTML Code

```html
<form method='post' action=''>
    <input type='text' name='username'>
    <input type='password' name='passowrd'>
    <button type='submit'>Submit</button>
</form>
```

Lists

Ordered Lists

1. One

2. Two

3. Three

Unurdered Lists

- Foo

- Bar

- Baz

Block Quotes

This is a quote

> Quotation, n: The act of repeating erroneously the words of another.

—Ambrose Bierce

Notes

Note: This is a note

Warning: This is a warning

Changed in version 0.1: This changed in some version

Deprecated since version 0.1: This was deprecated in some version

See also:

You should see some other section for more info

Using this Theme

Here you will find comprehensive details on installing and configuring your Sphinx documentation to use this theme. You will also find optional configuration flags.

Installation

There are no current releases of this theme but you can install directly from Github:

```
pip install git+git://github.com/caktus/caktus-sphinx-theme.git#egg=caktus-sphinx-
↪theme
```

Basic Sphinx Configuration

To configure Sphinx to use the theme you should make the following changes to your Sphinx configuration `conf.py`.

```
import caktus_theme
html_theme = 'caktus'
html_theme_path = [caktus_theme.get_theme_dir()]
html_sidebars = caktus_theme.default_sidebars()
```

In addition the `pygments_style` configuration should be commented out or removed

```
# pygments_style = 'sphinx'
```

if you wish to use the default Pygments style for the theme (`friendly`).

Additional Theme Configuration

Beyond the above configuration to use the theme for your documentation, there are additional flags which can be set using the `html_theme_options` dictionary. An example is given below.

```
html_theme_options = {
    'tagline': caktus_theme.__doc__,
    'links': {
        'github': 'https://github.com/caktus/caktus-sphinx-theme',
    },
    'forkme': 'right',
}
```

These theme options assume that you are using the default sidebars given by `caktus_theme.default_sidebars` as previously configured.

tagline

The `tagline` key in the `html_theme_options` defines the text which is present on the top the sidebar just below the project name. This should be used to give a brief description of the project and its purpose. It is recommened that this match the description given in the project's setup.py if there is one.

links

The `links` option is a dictionary of links to be displayed on the index page sidebar under the Quick Links heading. The set of recongnized keys are given below

- pypi: Link to the project's page on the Python Package Index
- github: Link to the project source on Github. This will also include a link to the issue tracker
- demo: Link to a publicly accessible live demo
- mail: Link to the project's mailing list

If the `links` key is not given in `html_theme_options` then the Quick Links section will not display. If one of the above link types is not present then that link will not be shown in the listing.

forkme

`forkme` configures if/how the "Fork me on Github" banner is included on the documentation. By default the banner will display on the right-hand side if a Github link is included in the above `links` configuration. You may choose to have this display on the left side by setting this to `left` or disabling the banner by setting this option to an empty string or `None`. Regardless of the positioning the banner will only display on the index of the documentation.

Contributing Guide

The guide covers the development of the theme itself. This includes the tools used and the workflow for contributing changes.

Development Tools

This is a custom theme Sphinx which makes it a large dependancy. Instead of using the CSS templates this theme makes use of LESS to create dynamic style sheets. For quickly building the theme CSS and documentation this project uses tox.

Installing the LESS Compiler

If you plan on making changes to the theme CSS you should have the LESS compiler installed. This should be installed globally from NPM:

```
npm install less -g
```

If you don't have NPM installed you can get it from the following PPA:

```
sudo apt-get install python-software-properties
sudo add-apt-repository ppa:chris-lea/node.js
sudo apt-get update
sudo apt-get install nodejs npm
```

Installing Tox

Tox is easiest to install from PyPi:

```
pip install tox
```

The configuration is defined in the `tox.ini` file. You can use tox to build the LESS to CSS with:

```
tox -e less
```

Or build the latest documentation for the theme with:

```
tox -e doc
```

Or build the CSS then the docs with:

```
tox
```

Release History

Below are the set of releases and related features, bug fixes or incompatible changes made to the theme.

v0.1 (Released 2012-10-26)

- Initial public release

- CSS theme incorporating Caktus branding

- Customized index page with configurable links section

- Basic example and usage guide