Sphinx Readable Theme

Release 1.3.0

September 02, 2015

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A clean and readable Sphinx theme with focus on *autodoc* – documentation from docstrings.

Inspired by flask-sphinx-themes.

CHAPTER 1

Installation and setup

Install from PyPI:

```
$ pip install sphinx-readable-theme
```

And add this to your `conf.py`:

```
import sphinx_readable_theme

html_theme_path = [sphinx_readable_theme.get_html_theme_path()]
html_theme = 'readable'
```

CHAPTER 2

License

Sphinx Readable Theme is licensed under the MIT license.

CHAPTER 3

Changelog

3.1 Version 1.1.0

- Fixed footnote tables width – thanks, Nick Zaccardi!

3.2 Version 1.0.0

- Fixed continuation lines in long ordered and unordered list items
- Fixed references in Autodoc example

3.3 Version 0.1.0

First release

CHAPTER 4

Theme style

4.1 Headings

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4.2 Paragraphs

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[1] http://www.google.com
[2] http://docutils.sourceforge.net/rst.html

4.3 Footnotes

4.4 Tables

Header row, column 1	Header row, column 2
body row 1	Second column of row 1
body row 2	Second column of row 2 Second line of paragraph
body row 3	Unordered list: • Second column of row 3 • Second item in bullet list (row 3, column 2)
	Row 4; column 1 will be empty

4.5 Lists

4.5.1 Unordered list

- Lorem ipsum
- Dolor sit amet
  - Dolor
  - Sit
  - Amet
- Consectetur adipiscing elit

4.5.2 Ordered list

1. Lorem ipsum
2. Dolor sit amet
   (a) Dolor
   (b) Sit
   (c) Amet
3. Consectetur adipiscing elit

4.5.3 Definition Lists

Lorem Lorem ipsum dolor sit amet.

Ipsum Ipsum dolor amet sit.

Dolor [classifier] Dolor lorem ipsum.

Sit amet [classifier one][classifier two] Sit amet consectetur adipiscing elit.

4.6 Topics

Lorem ipsum

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

4.7 Admonitions

Admonition title

Lorem ipsum dolor sit amet, consectetur adipisicing elit.

Attention: Lorem ipsum dolor sit amet, consectetur adipisicing elit.

Caution: Lorem ipsum dolor sit amet, consectetur adipisicing elit.

Danger: Lorem ipsum dolor sit amet, consectetur adipisicing elit.

Error: Lorem ipsum dolor sit amet, consectetur adipisicing elit.

Hint: Lorem ipsum dolor sit amet, consectetur adipisicing elit.

Important: Lorem ipsum dolor sit amet, consectetur adipisicing elit.

Note: Lorem ipsum dolor sit amet, consectetur adipisicing elit.

See also:

Module `zipfile` Documentation of the `zipfile` standard module.

GNU tar manual, Basic Tar Format Documentation for tar archive files, including GNU tar extensions.

Tip: Lorem ipsum dolor sit amet, consectetur adipisicing elit.

Warning: Lorem ipsum dolor sit amet, consectetur adipisicing elit.

4.8 Code

```
"""An example module docstring to show Pygments style."""

# Some comment.
```

```
import datetime
from functools import partial

number = 123
word = 'foo'


class ExampleClass(object):

    """An example class docstring to show Pygments style."""

    def __init__(self, arg1, arg2=None, *args, **kwargs):
        self.attr1 = attr1
        self.attr2 = attr2 or datetime.datetime.now()
        for arg in args:
            print('Argument: '.format(arg))
        for k, v in kwargs.iteritems():
            print('Keyword argument named {}: {}'.format(k, v))

    def call_method(self, arg):
        """An example method docstring."""
        if not isinstance(arg, int):
            raise ValueError('Only ints allowed.')
        self.attr1 = arg

    @property
    def example_property(self):
        """An example property docstring."""
        return self.attr1 * 2


def example_function(arg1, arg2=None, *args, **kwargs):
    """An example function docstring to show Pygments style."""
    raise NotImplementedError()
```

4.8.1 Autodoc

An example module to show autodoc style.

Contains an example constant, `Storage` class for storing objects and helper function `store_integers()` for storing only integers.

INT_CONSTANT = 1
Example integer constant.

STR_CONSTANT = 'string'
Example integer constant.

class Storage (*items=None*)
Bases: `object`

A class for storing objects.

This is an example class to show autodoc style.

It stores a list of objects and saves date of last appended item. Example usage:

```
>>> storage = Storage(['foo', 'bar'])
>>> storage.items
```

```
['foo', 'bar']
>>> storage.last_updated
datetime.datetime(2013, 8, 15, 13, 41, 38, 515797)
>>> storage.add_item('baz')
>>> storage.items
['foo', 'bar', 'baz']
>>> storage.last_updated
datetime.datetime(2013, 8, 15, 13, 41, 40, 595544)
```

Parameters **items** – Optional list of items to start with.

items = None
List of items, add new item using *add_item()*.

last_updated = None
`datetime.datetime` of last item update, will be set to `datetime.datetime.now()` on object instantiation.

add_item(*item*)
Append item to the list.

last_updated will be set to `datetime.datetime.now()`.

Parameters **item** – Something to append to *items*.

store_integers(*items*, *allow_zero=True*)
Store integers from the given list in a storage.

This is an example function to show autodoc style.

Return *Storage* instance with integers from the given list.

Examples:

```
>>> storage = store_integers([1, 'foo', 2, 'bar', 0])
>>> storage.items
[1, 2, 0]
>>> storage = store_integers([1, 'foo', 2, 'bar', 0], allow_zero=False)
>>> storage.items
[1, 2]
```

Parameters

- **items** – List of objects of any type, only `int` instances will be stored.
- **allow_zero** – Boolean – if `False`, `0` integers will be skipped. Defaults to `True`.

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