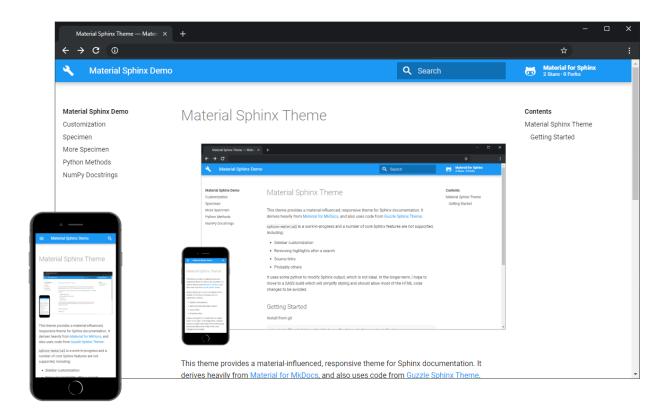
Material for Sphinx

Release 0.0.32+6.g3c3d153.dirty

Changbum Hong

Other Examples and Uses

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This theme provides a responsive Material Design theme for Sphinx documentation. It derives heavily from Material for MkDocs¹, and also uses code from Guzzle Sphinx Theme².

¹ https://squidfunk.github.io/mkdocs-material/

² https://github.com/guzzle/guzzle_sphinx_theme

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본 문서는 매터리얼 디자인을 위한 대한민국입니다. Material for Sphinx³ is a work in progress. While I believe that it is ready for use, there are a number of important limitation. The most important it to improve the CSS generation to use SASS⁴. It uses some python to modify Sphinx output, which is not ideal.

The other issues are:

- improving the documentation;
- providing examples;
- sidebar customization;
- · improving the search box; and
- ensuring that all Sphinx blocks work as intended.

You can see how it works on statsmodels⁶.

https://github.com/bashtage/sphinx-material
 https://en.wikipedia.org/wiki/Sass_(stylesheet_language)
 https://www.statsmodels.org/

4 Chapter 1. 로드맵

시작하기

Install from git

```
pip install git+https://github.com/bashtage/sphinx-material.git
```

Update your conf.py with the required changes:

```
html_theme = 'sphinx_material'
```

There are a lot more ways to customize this theme. See Customization or theme. conf for more details.

```
html_theme = 'sphinx_material'
# Material theme options (see theme.conf for more information)
html_theme_options = {
    # Set the name of the project to appear in the navigation.
    'nav_title': 'Project Name',
    # Set you GA account ID to enable tracking
    'google_analytics_account': 'UA-XXXXX',
    # Specify a base_url used to generate sitemap.xml. If not
    # specified, then no sitemap will be built.
    'base_url': 'https://project.github.io/project',
    # Set the color and the accent color
    'color_primary': 'blue',
    'color_accent': 'light-blue',
    # Set the repo location to get a badge with stats
    'repo_url': 'https://github.com/project/project/',
'repo_name': 'Project',
    # Visible levels of the global TOC; -1 means unlimited
    'globaltoc_depth': 3,
    # If False, expand all TOC entries
    'globaltoc_collapse': False,
    # If True, show hidden TOC entries
    'globaltoc_includehidden': False,
```

2.1 NumPy Docstrings

This page shows how autosummary works with numpydoc and a NumPy-style docstring.

2.2 Markdown

Sphinx can be configured to use markdown using the recommonmark⁷ extension. recommonmark is strict and does not natively support tables or common extensions to markdown.

2.2.1 Body copy

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras arcu libero, mollis sed massa vel, ornare viverra ex. Mauris a ullamcorper lacus. Nullam urna elit, malesuada eget finibus ut, ullamcorper ac tortor. Vestibulum sodales pulvinar nisl, pharetra aliquet est. Quisque volutpat erat ac nisi accumsan tempor.

Sed suscipit, orci non pretium pretium, quam mi gravida metus, vel venenatis justo est condimentum diam. Maecenas non ornare justo. Nam a ipsum eros. Nulla aliquam orci sit amet nisl posuere malesuada. Proin aliquet nulla velit, quis ultricies orci feugiat et. Ut tincidunt sollicitudin tincidunt. Aenean ullamcorper sit amet nulla at interdum.

2.2.2 Headings

The 3rd level

The 4th level

The 5th level

The 6th level

2.2.3 Headings with secondary text

The 3rd level with secondary text

The 4th level with secondary text

The 5th level with secondary text

⁷ https://github.com/readthedocs/recommonmark

The 6th level with secondary text

2.2.4 Blockquotes

Morbi eget dapibus felis. Vivamus venenatis porttitor tortor sit amet rutrum. Pellentesque aliquet quam enim, eu volutpat urna rutrum a. Nam vehicula nunc mauris, a ultricies libero efficitur sed. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Sed molestie imperdiet consectetur.

Blockquote nesting

Sed aliquet, neque at rutrum mollis, neque nisi tincidunt nibh, vitae faucibus lacus nunc at lacus. Nunc scelerisque, quam id cursus sodales, lorem libero fermentum urna, ut efficitur elit ligula et nunc.

Mauris dictum mi lacus, sit amet pellentesque urna vehicula fringilla. Ut sit amet placerat ante. Proin sed elementum nulla. Nunc vitae sem odio. Suspendisse ac eros arcu. Vivamus orci erat, volutpat a tempor et, rutrum. eu odio.

Suspendisse rutrum facilisis risus, eu posuere neque commodo a. Interdum et malesuada fames ac ante ipsum primis in faucibus. Sed nec leo bibendum, sodales mauris ut, tincidunt massa.

Other content blocks

Vestibulum vitae orci quis ante viverra ultricies ut eget turpis. Sed eu lectus dapibus, eleifend nulla varius, lobortis turpis. In ac hendrerit nisl, sit amet laoreet nibh.

```
var _extends = function(target) {
  for (var i = 1; i < arguments.length; i++) {
    var source = arguments[i];
    for (var key in source) {
       target[key] = source[key];
    }
  }
  return target;
};</pre>
```

Praesent at ::: js return target, sodales nibh vel, tempor felis. Fusce vel lacinia lacus. Suspendisse rhoncus nunc non nisi iaculis ultrices. Donec consectetur mauris non neque imperdiet, eget volutpat libero.

2.2.5 Lists

Unordered lists

- Sed sagittis eleifend rutrum. Donec vitae suscipit est. Nullam tempus tellus non sem sollicitudin, quis rutrum leo facilisis. Nulla tempor lobortis orci, at elementum urna sodales vitae. In in vehicula nulla, quis ornare libero.
 - Duis mollis est eget nibh volutpat, fermentum aliquet dui mollis.
 - Nam vulputate tincidunt fringilla.

2.2. Markdown 7

- Nullam dignissim ultrices urna non auctor.
- Aliquam metus eros, pretium sed nulla venenatis, faucibus auctor ex. Proin ut eros sed sapien ullamcorper consequat. Nunc ligula ante, fringilla at aliquam ac, aliquet sed mauris.
- Nulla et rhoncus turpis. Mauris ultricies elementum leo. Duis efficitur accumsan nibh eu mattis. Vivamus tempus velit eros, porttitor placerat nibh lacinia sed. Aenean in finibus diam.

Ordered lists

- 1. Integer vehicula feugiat magna, a mollis tellus. Nam mollis ex ante, quis elementum eros tempor rutrum. Aenean efficitur lobortis lacinia. Nulla consectetur feugiat sodales.
- 2. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam ornare feugiat quam et egestas. Nunc id erat et quam pellentesque lacinia eu vel odio.
 - 1. Vivamus venenatis porttitor tortor sit amet rutrum. Pellentesque aliquet quam enim, eu volutpat urna rutrum a. Nam vehicula nunc mauris, a ultricies libero efficitur sed.
 - 1. Mauris dictum mi lacus
 - 2. Ut sit amet placerat ante
 - 3. Suspendisse ac eros arcu
 - 2. Morbi eget dapibus felis. Vivamus venenatis porttitor tortor sit amet rutrum. Pellentesque aliquet quam enim, eu volutpat urna rutrum a. Sed aliquet, neque at rutrum mollis, neque nisi tincidunt nibh.
 - 3. Pellentesque eget ::: js var _extends ornare tellus, ut gravida mi.

```
var _extends = function(target) {
  for (var i = 1; i < arguments.length; i++) {
    var source = arguments[i];
    for (var key in source) {
       target[key] = source[key];
    }
  }
  return target;
};</pre>
```

3. Vivamus id mi enim. Integer id turpis sapien. Ut condimentum lobortis sagittis. Aliquam purus tellus, faucibus eget urna at, iaculis venenatis nulla. Vivamus a pharetra leo.

Definition lists

Not supported in commonmark, but you can use a rst definition list inside a fenced eval_rst block.

Lorem ipsum dolor sit amet Sed sagittis eleifend rutrum. Donec vitae suscipit est. Nullam tempus tellus non sem sollicitudin, quis rutrum leo facilisis. Nulla tempor lobortis orci, at elementum urna sodales vitae. In in vehicula nulla.

Duis mollis est eget nibh volutpat, fermentum aliquet dui mollis. Nam vulputate tincidunt fringilla. Nullam dignissim ultrices urna non auctor.

Cras arcu libero Aliquam metus eros, pretium sed nulla venenatis, faucibus auctor ex. Proin ut eros sed sapien ullamcorper consequat. Nunc ligula ante, fringilla at aliquam ac, aliquet sed mauris.

2.2.6 Code blocks

Inline

Morbi eget dapibus felis. Vivamus venenatis porttitor tortor sit amet rutrum. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Pellentesque aliquet quam enim, eu volutpat urna rutrum a.

Nam vehicula nunc ::: js return target mauris, a ultricies libero efficitur sed. Sed molestie imperdiet consectetur. Vivamus a pharetra leo. Pellentesque eget ornare tellus, ut gravida mi. Fusce vel lacinia lacus.

Listing

```
var _extends = function(target) {
  for (var i = 1; i < arguments.length; i++) {
    var source = arguments[i];
    for (var key in source) {
       target[key] = source[key];
    }
  }
  return target;
};</pre>
```

2.2.7 Horizontal rules

Aenean in finibus diam. Duis mollis est eget nibh volutpat, fermentum aliquet dui mollis. Nam vulputate tincidunt fringilla. Nullam dignissim ultrices urna non auctor.

Integer vehicula feugiat magna, a mollis tellus. Nam mollis ex ante, quis elementum eros tempor rutrum. Aenean efficitur lobortis lacinia. Nulla consectetur feugiat sodales.

2.2.8 Data tables

Note: Markdown table syntax requires sphinx_markdown_tables

Sed sagittis eleifend rutrum. Donec vitae suscipit est. Nullam tempus tellus non sem sollicitudin, quis rutrum leo facilisis. Nulla tempor lobortis orci, at elementum urna sodales vitae. In in vehicula nulla, quis ornare libero.

Vestibulum vitae orci quis ante viverra ultricies ut eget turpis. Sed eu lectus dapibus, eleifend nulla varius, lobortis turpis. In ac hendrerit nisl, sit amet laoreet nibh.

2.2. Markdown 9

2.3 rst Cheatsheet

The rst Cheatsheet⁸ covers a wide range of rst markup. It and its contents are CC licensed⁹.

2.3.1 Inline Markup

Inline markup allows words and phrases within text to have character styles (like italics and boldface) and functionality (like hyperlinks).

emphasis	emphasis
strong emphasis	strong emphasis
`interpreted text`	The rendering and meaning of interpreted text is domain- or application-dependent.
``inline literal``	inline literal
reference_	reference ¹⁰
`phrase reference`_	phrase reference ¹¹
anonymous	anonymous ¹²
_`inline internal target`	inline internal target
substitution reference	The result is substituted in from the substitution definition.
footnote reference [1]_	footnote reference ¹³
citation reference [CIT2002]_	citation reference [CIT2002]
http://docutils.sf.net/	http://docutils.sf.net/

⁸ https://github.com/ralsina/rst-cheatsheet

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⁹ http://creativecommons.org/licenses/by/3.0/de/deed.en_GB

2.3.2 Escaping with Backslashes

reStructuredText uses backslashes ("") to override the special meaning given to markup characters and get the literal characters themselves. To get a literal backslash, use an escaped backslash (" Ψ "). For example:

escape ``with`` "\"	escape with ""
escape \``with`` "\\"	*escape* "with" ""

2.3. rst Cheatsheet 11

http://docutils.sourceforge.net/docs/user/rst/quickref.html#hyperlink-targets
 http://docutils.sourceforge.net/docs/user/rst/quickref.html#hyperlink-targets
 http://docutils.sourceforge.net/docs/user/rst/quickref.html#hyperlink-targets

¹³ This is the first one.

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ments

DOS/VMS-style

/\/

2.3.3 Lists

- This is item 1. A blank line before the first and last items is required. This is item 2 - Item 3: blank lines between items are optional. Item 4: Bullets are "-", "*" or "+". Continuing text must be aligned after the bullet and whitespace. This list item contains nested items Nested items must be indented to the same level	 This is item 1. A blank line before the first and last items is required. This is item 2 Item 3: blank lines between items are optional. Item 4: Bullets are "-", "*" or "+". Continuing text must be aligned after the bullet and whitespace. This list item contains nested items Nested items must be indented to the same level 		
 This is the first item This is the second item Enumerators are arabic numbers, single letters, or roman numerals List items should be sequentially numbered, but need not start at 1 (although not all formatters will honour the first index). This item is auto-enumerated 	 This is the first item This is the second item Enumerators are arabic numbers, single letters, or roman numerals List items should be sequentially numbered, but need not start at 1 (although not all formatters will honour the first index). This item is auto-enumerated 		
what Definition lists associate a term with a definition. how The term is a one-line phrase, and the definition is one or more paragraphs or body elements, indented relative to the term. Blank lines are not allowed between term and definition.	 what Definition lists associate a term with a definition. how The term is a one-line phrase, and the definition is one or more paragraphs or body elements, indented relative to the term. Blank lines are not allowed between term and definition. 		
:Authors: Tony J. (Tibs) Ibbs, David Goodger :Version: 1.0 of 2001/08/08 :Dedication: To my father.	Authors Tony J. (Tibs) Ibbs, David Goodger Version 1.0 of 2001/08/08 Dedication To my father.		
-a command-line option "a" -b file options can have arguments and long descriptionslong options can be long alsoinput=file long options can also have arguments /V DOS/VMS-style options too	-a command-line option "a" -b file options can have argu- ments and long descriptionslong options can be		
2.3. rst Cheatsheet	long also input=file long options can also have argu-		

2.3.4 Section Structure

Title Titles are underlined (or over- and I underlined) with a nonalphanumeric character at least as →long as the text. A lone top-level section is lifted up to be the document's title. Any non-alphanumeric character can bell ⊸used, but Python convention is: * ``#`` with overline, for parts * ``*`` with overline, for chapters * ``=``, for sections * ``-``, for subsections * ``-``, for subsections * ``^`` for cul-* ``^`, for subsubsections * ``"`, for paragraphs

Title

Titles are underlined (or over- and underlined) with a nonalphanumeric character at least as long as the text.

A lone top-level section is lifted up to be the document's title.

Any non-alphanumeric character can be used, but Python convention is:

- # with overline, for parts
- * with overline, for chapters
- =, for sections
- -, for subsections
- ^, for subsubsections
- ", for paragraphs

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2.3. rst Cheatsheet

2.3.5 Blocks

This is a paragraph. Paragraphs line up at their left edges, and are normally separated by blank lines. A paragraph containing only two colons indicates the following indented or quoted text is a literal block or quoted text is a literal block or quoted text is a literal block. :: Whitespace, newlines, blank lines, and all kinds of markup (like *this* or \this) is apreserved here. You can also tack the `::`` at the end aparagraph:: It's very convenient to use this form. Per-line quoting can also be used for unindented blocks:: > Useful for quotes from email and > for Haskell literate programming.	This is a paragraph. Paragraphs line up at their left edges, and are normally separated by blank lines. A paragraph containing only two colons indicates that the following indented or quoted text is a literal block. Whitespace, newlines, blank lines, and all kinds of markup (like *this* or \this) is preserved by literal blocks. You can also tack the :: at the end of a paragraph: It's very convenient to use this form. Per-line quoting can also be used for unindented blocks: > Useful for quotes from email and > for Haskell literate programming.
Line blocks are useful for addresses, verse, and adornment-free lists. Each new line begins with a vertical bar (" "). Line breaks and initial indents are preserved. Continuation lines are wrapped portions of long lines; they begin with spaces in place of vertical bars.	Line blocks are useful for addresses, verse, and adornment-free lists. Each new line begins with a vertical bar (" "). Line breaks and initial indents are preserved. Continuation lines are wrapped portions of long lines; they begin with spaces in place of vertical bars.
Block quotes are just: Indented paragraphs, and they may nest.	Block quotes are just: Indented paragraphs, and they may nest.
Doctest blocks are interactive bython sessions. They begin with "``>>>``" and end with a blank line.	Doctest blocks are interactive Python sessions. They begin with ">>>" and end with a blank line Chapter 2. 시작하기 >>> print "This is a doctest block." This is a doctest block."

2.3.6 Tables

There are two syntaxes for tables in reStructuredText. Grid tables are complete but cumbersome to create. Simple tables are easy to create but limited (no row spans, etc.).

++ Header 1	Header 1		Header 2		eader 3
+======++==+++++++++++++++++++++++++++	body row	1	column 2	CC	olumn 3
body row 1 column 2 column 3	body row 2		Cells may		
+	body row		Cells ma		
body row 2 Cells may span columns.			span rows	S.	
+	body row	4			 blocks.
body row 3 Cells may - Cells					
++ span rows. - contain					
body row 4					
++					
===== ======]	Inpu	its	Output	t
Inputs Output		A		A or B	-
		False		False	
A B A or B		True		True	
False False		False		True	
True False True		True		True	
False True True			1		
True True					
===== =====					

2.3.7 Explicit Markup

Explicit markup blocks are used for constructs which float (footnotes), have no direct paper-document representation (hyperlink targets, comments), or require specialized processing (directives). They all begin with two periods and whitespace, the "explicit markup start".

2.3. rst Cheatsheet

Footnote references, like [5] Note that footnotes may get rearranged, e.g., to the bottom of the "page" [5] A numerical footnote. Note	Footnote references, like ⁵ . Note that footnotes may get rearranged, e.g., to the bottom of the "page".
there's no colon after the ``]``.	
Autonumbered footnotes are possible, like using [#]_ and [#]	Autonumbered footnotes are possible, like using 13 and 14. They may be assigned 'autonumber labels' – for instance, 16 and 15.
<pre> [#] This is the first one [#] This is the second one.</pre>	
They may be assigned 'autonumber labels' - for instance, [#fourth]_ and [#third]	
[#third] a.k.a. third_	
[#fourth] a.k.a. fourth_	
Auto-symbol footnotes are also possible, like this: [*]_ and [*]	Auto-symbol footnotes are also possible, like this: 17 and 18.
<pre> [*] This is the first one [*] This is the second one.</pre>	
Citation references, like [CIT2002] Note that citations may get rearranged, e.g., to the bottom of the "page".	Citation references, like [CIT2002]. Note that citations may get rearranged, e.g., to the bottom of the "page". Citation labels contain alphanumerics, underlines, hyphens and fullstops. Case is not significant.
[CIT2002] A citation (as often used in journals).	cant. Given a citation like [this], one can also refer to it like this.
Citation labels contain alphanumerics, underlines, hyphens and fullstops. Case is not significant.	
Given a citation like [this]_, one can also refer to it like this	
[this] here.	
External hyperlinks, like Python	External hyperlinks, like Python ¹⁹ .
Python: http://www.python.org/	
External hyperlinks, like `Python `">http://www.python.org/>`	External hyperlinks, like Python ²⁰ .
Internal crossreferences, like example	Internal crossreferences, like example. This is an example crossreference target. Chapter 2. 시작하기
<pre>example: This is an example crossreference target.</pre>	
THIS IS AN example crossreterence target.	

2.3.8 Credits

CP Font from LiquiType:	http://www.liquitype.com/workshop/type_design/	
	cp-mono	
Magnetic Balls V2 image by fdecomite:	http://www.flickr.com/photos/fdecomite/2926556794/	
Sponsored by Net Managers	http://www.netmanagers.com.ar	
Typeset using rst2pdf	http://rst2pdf.googlecode.com	

© 2009 Roberto Alsina (ralsina@netmanagers.com.ar) / Creative Commons Attribution-Noncommercial-Share Alike 2.5		Non− O Non− Non− O Non− Non− O Non− Non−
ative continons Attribution Noncommercial Share Alike 2.5	quickiei.txt	Commerciabiliare
Argentina License	from docutils	Alike

2.4 Change Log

Warning: Changes are not being tracked until a beta-quality release is made.

The change log will appear here.

2.5 License

Copyright (c) 2019 Kevin Sheppard (kevin.k.sheppard@gmail.com)

Derived from:

- Material for Mkdocs: Copyright (c) 2016–2019 Martin Donath (martin.donath@squidfunk.com)
- Guzzle Sphinx Theme: Copyright (c) 2013 Michael Dowling (mtdowling@gmail.com)

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⁵ A numerical footnote. Note there's no colon after the].

¹⁴ This is the second one.

¹⁶ a.k.a. fourth

¹⁵ a.k.a. third

 $^{^{17}}$ This is the first one.

¹⁸ This is the second one.

¹⁹ http://www.python.org/

²⁰ http://www.python.org/

²¹ http://www.python.org/

²² http://www.python.org/

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2.6 Index

genindex

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Bibliography

[CIT2002] A citation (as often used in journals).

[this] here.