
documentation guide Documentation

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reStructuredText & ReadTheDocs documentation online guide

- Refer to [Read the Docs user documentation](#)
- Helpful screencast: [Sphinx & Read the Docs](#)

1.1 Install Python

download [Python windows installer](#)

1.2 (Optional) Install Babun

download [Babun windows shell](#)

1.3 Using reStructuredText

install sphinx:

```
$ pip install sphinx sphinx-autobuild
$ pip install sphinx-rtd-theme
```

make 'docs' directory:

```
$ cd <project-dir>
$ mkdir docs
```

run a script:

```
$ sphinx-quickstart
```

edit & build your documents:

```
$ make html
```

open in browser:

```
$ open build/html/index.html
```

1.4 Import to Read the Docs

- To import a repository, Sign up Read the docs & visit your dashboard.
- Click Import a project and Import Manually.
- Input Project Details including repository URL.
- For example, <https://github.com/seungin/docs.git>

1.5 Connect with Github Repository

- Go to repository settings
- Click Integrations & services and Add services
- Select Read the Docs

syntax description for reStructuredText

2.1 Reference

- **(Recommended)** [rest-sphinx-memo](#)
- [reStructuredText Primer](#)

2.2 Paragraphs

- The paragraph is the most basic block in a reST document.
- Separated by one or more blank lines.
- Indentation is significant in reST, a paragraph must have same level of indentation.

2.3 Inline Markup

- one asterisk means italic, `*text*` -> *text*
- two asterisk means bold, `**text**` -> **text**
- backquotes means code sample, `“text“` -> `text`

2.3.1 Restrictions

- It cannot be nested.
- It cannot start or end with whitespace: `* text*` is wrong.

2.3.2 Interpreted Text Roles

- reST also allows for custom interpreted text roles.
- Signify that the enclosed text should be interpreted in a specific way.
- Sphinx uses this to provide semantic markup and cross-referencing of identifiers.
- See [Inline markup](#) for roles added by Sphinx.

2.4 Lists and Quote-like Blocks

2.4.1 Basic Lists

- bulleted lists use several signs (*, -, +, ...)
- numbered lists use number itself (1, 2, ...)
- auto-numbered lists use # sign

```
* bulleted list item
* bulleted list item

1. numbered list item
2. numbered list item
#. auto-numbered list item
#. auto-numbered list item
```

- bulleted list item
 - bulleted list item
1. numbered list item
 2. numbered list item
 3. auto-numbered list item
 4. auto-numbered list item

2.4.2 Nested Lists

- nested lists must be separated by blank lines

```
* this is
* a list

  * with a nested list
  * and some subitems

* and here the parent list continues
```

- this is
- a list
 - with a nested list
 - and some subitems

- and here the parent list continues

2.4.3 Definition Lists

- use indentation

```
term #1
  Definition of the term #1
  which must be indented

  multiple paragraphs are possible

term #2
  Definition of the term #2
```

term #1 Definition of the term #1 which must be indented

multiple paragraphs are possible

term #2 Definition of the term #2

2.4.4 Quoted Paragraphs

- use a blank line and indentation

```
main paragraph

  quoted paragraphs
  quoted paragraphs

main paragraph (continues)
```

main paragraph

quoted paragraphs quoted paragraphs

main paragraph (continues)

2.4.5 Line Blocks

- use a blank line and line breaks

```
main paragraph

| quoted paragraphs
| quoted paragraphs
|

main paragraph (continues)
```

main paragraph

quoted paragraphs

quoted paragraphs

main paragraph (continues)

2.5 Source Code

2.5.1 Literal Code Blocks

- by ending with `::` and indentation

```
normal text paragraph::  
  
    source code paragraph except  
    that the indentation is removed  
  
    it can span multiple lines  
normal text paragraph (continues)
```

normal text paragraph:

```
source code paragraph except  
that the indentation is removed  
  
it can span multiple lines
```

normal text paragraph (continues)

2.5.2 Smart Conversion Rules

- if preceded by whitespace, `::` is removed
- if preceded by non-whitespace, `::` is replaced by a single colon `:`

```
with colon::  
  
    source code paragraph  
without colon ::  
  
    source code paragraph
```

with colon:

```
source code paragraph
```

without colon

```
source code paragraph
```

2.5.3 Syntax Highlighting

- sphinx supports by
 - .. sourcecode:: language
 - .. code-block:: language

```
.. sourcecode:: cpp

int main() {
    printf("Hello, World!");
    return 0;
}

.. code-block:: python

print('Hello, Python!')
```

```
int main() {
    printf("Hello, World!");
    return 0;
}
```

```
print('Hello, Python!')
```


Here is some python code example.:

```
print 'hello'  
>> hello
```

3.1 Other Languages

Here is some c++ code example.

```
int main() {  
    std::cout << "Hello, World!" << '\n';  
    return 0;  
}
```

```
int main() {  
    std::cout << "Hello, World!" << '\n';  
    return 0;  
}
```


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CHAPTER 5

Contact

If you have some trouble please email seungin.cha@gmail.com

CHAPTER 6

Indices and tables

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