
Sphinx Node Name Cheatsheet

Sam

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When writing Sphinx extensions I've never found an easy way to figure out what docutils or Sphinx node classes I should be using to get the desired formatting. This documentation is intended to be a quick reference to figure out what your favourite RST turns into when it gets parsed into a docutils or Sphinx object within the RST rendering engine!

In creating the examples I used [RST | Sphinx | Sublime](#) as a reference as I found it incredibly useful when starting my Sphinx journey!

CODE REFERENCING

class **ClassName**

This is an example class

Is rendered from:

```
.. py:class:: ClassName
   :noindex:

   This is an example class
```

Which is composed of:

- `sphinx.addnodes.index`
- `sphinx.addnodes.desc`
 - `sphinx.addnodes.desc_signature`
 - * `sphinx.addnodes.desc_annotation`
 - `docutils.nodes.Text`
 - * `sphinx.addnodes.desc_name`
 - `docutils.nodes.Text`
 - `sphinx.addnodes.desc_content`
 - * `docutils.nodes.paragraph`
 - `docutils.nodes.Text`

example_method()

This is an example method

Is rendered from:

```
.. py:method:: example_method
   :noindex:

   This is an example method
```

Which is composed of:

- `sphinx.addnodes.index`
- `sphinx.addnodes.desc`
 - `sphinx.addnodes.desc_signature`

- * **sphinx.addnodes.desc_name**
 - docutils.nodes.Text
- * **sphinx.addnodes.desc_parameterlist**
- **sphinx.addnodes.desc_content**
 - * **docutils.nodes.paragraph**
 - docutils.nodes.Text

example_attribute

This is an example attribute

Is rendered from:

```
.. py:attribute:: example_attribute
   :noindex:

   This is an example attribute
```

Which is composed of:

- **sphinx.addnodes.index**
- **sphinx.addnodes.desc**
 - **sphinx.addnodes.desc_signature**
 - * **sphinx.addnodes.desc_name**
 - docutils.nodes.Text
 - **sphinx.addnodes.desc_content**
 - * **docutils.nodes.paragraph**
 - docutils.nodes.Text

EXAMPLE CODE

```
print('Example Code')
```

Is rendered from:

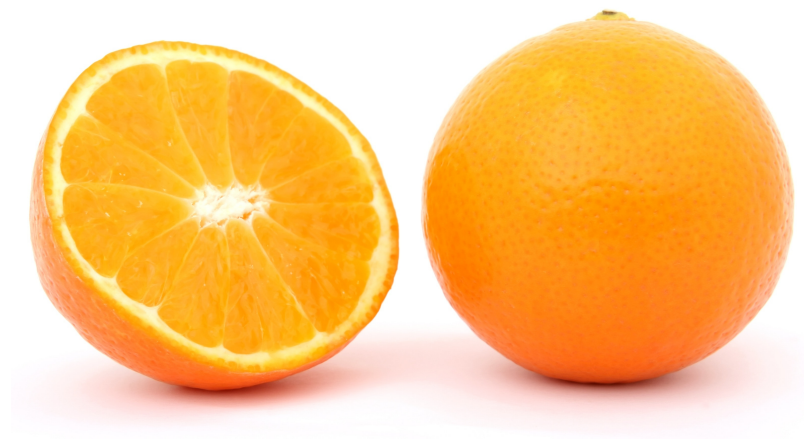
```
.. code-block:: python

    print('Example Code')
```

Which is composed of:

- **docutils.nodes.literal_block**
 - docutils.nodes.Text

IMAGES



Is rendered from:

```
.. image:: orange.jpg
   :width: 400
   :alt: Alternative text
```

Which is composed of:

- `docutils.nodes.image`

INLINE FORMATTING

Inline code

Is rendered from:

```
``Inline code``
```

Which is composed of:

- **docutils.nodes.paragraph**
 - **docutils.nodes.literal**
 - * docutils.nodes.Text

emphasis

Is rendered from:

```
*emphasis*
```

Which is composed of:

- **docutils.nodes.paragraph**
 - **docutils.nodes.emphasis**
 - * docutils.nodes.Text

strong

Is rendered from:

```
**strong**
```

Which is composed of:

- **docutils.nodes.paragraph**
 - **docutils.nodes.strong**
 - * docutils.nodes.Text

LISTS

- unordered list item
- unordered list item

Is rendered from:

```
* unordered list item
* unordered list item
```

Which is composed of:

- **docutils.nodes.bullet_list**
 - **docutils.nodes.list_item**
 - * **docutils.nodes.paragraph**
 - **docutils.nodes.Text**
 - **docutils.nodes.list_item**
 - * **docutils.nodes.paragraph**
 - **docutils.nodes.Text**

1. ordered list item
2. ordered list item

Is rendered from:

```
1. ordered list item
2. ordered list item
```

Which is composed of:

- **docutils.nodes.enumerated_list**
 - **docutils.nodes.list_item**
 - * **docutils.nodes.paragraph**
 - **docutils.nodes.Text**
 - **docutils.nodes.list_item**
 - * **docutils.nodes.paragraph**
 - **docutils.nodes.Text**
- **Nested**

- Lists

Is rendered from:

- * Nested
 - * Lists

Which is composed of:

- `docutils.nodes.bullet_list`
 - `docutils.nodes.list_item`
 - * `docutils.nodes.definition_list`
 - `docutils.nodes.definition_list_item`
 - `docutils.nodes.term`
 - `docutils.nodes.Text`
 - `docutils.nodes.definition`
 - `docutils.nodes.bullet_list`
 - `docutils.nodes.list_item`
 - `docutils.nodes.paragraph`
 - `docutils.nodes.Text`

LINKS

hyperlink

Is rendered from:

```
`hyperlink <google.com>`_
```

Which is composed of:

- **docutils.nodes.paragraph**
 - **docutils.nodes.reference**
 - * **docutils.nodes.Text**
 - **docutils.nodes.target**

6.1 Demo Of Custom Anchors

Is rendered from:

```
.. _Custom Anchors:
```

Demo Of Custom Anchors

|||||

Which is composed of:

- **docutils.nodes.target**
- **docutils.nodes.section**
 - **docutils.nodes.title**
 - * **docutils.nodes.Text**

NOTES AND WARNINGS

Note: This is a note.

Is rendered from:

```
.. note::  
    This is a note.
```

Which is composed of:

- `docutils.nodes.note`
 - `docutils.nodes.paragraph`
 - * `docutils.nodes.Text`

Warning: This is a warning.

Is rendered from:

```
.. warning::  
    This is a warning.
```

Which is composed of:

- `docutils.nodes.warning`
 - `docutils.nodes.paragraph`
 - * `docutils.nodes.Text`

TABLES

Table 1: Title

Heading row 1, column 1	Heading row 1, column 2	Heading row 1, column 3
Row 1, column 1		Row 1, column 3
Row 2, column 1	Row 2, column 2	Row 2, column 3

Is rendered from:

```
.. list-table:: Title
   :widths: 25 25 50
   :header-rows: 1

   *
     - Heading row 1, column 1
     - Heading row 1, column 2
     - Heading row 1, column 3
   *
     - Row 1, column 1
     -
     - Row 1, column 3
   *
     - Row 2, column 1
     - Row 2, column 2
     - Row 2, column 3
```

Which is composed of:

- **docutils.nodes.table**
 - **docutils.nodes.title**
 - * docutils.nodes.Text
 - **docutils.nodes.tgroup**
 - * docutils.nodes.colspec
 - * docutils.nodes.colspec
 - * docutils.nodes.colspec
 - * **docutils.nodes.thead**
 - **docutils.nodes.row**

```
docutils.nodes.entry
    docutils.nodes.paragraph
        docutils.nodes.Text
docutils.nodes.entry
    docutils.nodes.paragraph
        docutils.nodes.Text
docutils.nodes.entry
    docutils.nodes.paragraph
        docutils.nodes.Text
* docutils.nodes.tbody
    · docutils.nodes.row
        docutils.nodes.entry
            docutils.nodes.paragraph
                docutils.nodes.Text
        docutils.nodes.entry
        docutils.nodes.entry
            docutils.nodes.paragraph
                docutils.nodes.Text
    · docutils.nodes.row
        docutils.nodes.entry
            docutils.nodes.paragraph
                docutils.nodes.Text
        docutils.nodes.entry
            docutils.nodes.paragraph
                docutils.nodes.Text
        docutils.nodes.entry
            docutils.nodes.paragraph
                docutils.nodes.Text
```