reStructuredText & Sphinx Cheatsheet

Level 1 Heading Level 2 Heading Level 2 Heading Level 2 Heading Heading overline is optional. Under/overlines use the following characters: Recommended: = - '; ' " ~ ^ * + # ! \$ % & () , /; < > ? @ [\] { | }

Bold text **Italic text** ``Inline literal/code`` :sup:`super`\ Script :sub:`sub`\ Script

* Unordered item * Unordered item 1. Nested ordered item 2. Nested ordeded item a. Nested ordered item Unordered item

```
Perinition Lists

First term
Definition of first term,
it can span multiple lines.

Second term
Definition of second term.
```

Indent addition paragraphs.

Literal Code Blocks

```
Here is a literal block::

Its contents are indented.
::

The :: marker is omitted here
```

The : marker will insert a ":" in the output in the above example. To omit the "", precede the : marker with white space, or use the marker on a line of its own.

```
Targets and Links
  Anchor target
                .. External link name: http://example.com
 External target
 Footnote target
                .. [1] A footnote
                .. [cit1] A global citation
  Citation target
  External links
                'External link <http://example.com>'
                 External link name or `Example <External link name > `
                'Anchor link by text' or 'Anchor <Anchor link by text >'
   Internal links
                Anchor link by ref <anchorbyref >
                :ref: anchorbyref
      Footnote
                Reference a footnote [1]
       Citation
               or a global citation [cit1]
    Section link
                Section Heading
                Link <Section Heading >
```

Simple table Header 2 Header 3 Column 1 Column 2 Column 3 Horizontal column span ...

```
| Grid | Header 2 | Header 3 |
| table | | |
| Column 1 | Column 2 | Vertical |
| column |
| Horizontal span | span |
```

Simple tables and grid tables can be replaced with external CSV files, using the csv-table directive.

```
Images and Figures
```

```
.. image:: image.png
:height: 100px
:width: 100px
:align: bottom
:target: target_
: support all image options.
```

Comments

.. This is a single line comment, comments can span multiple lines as well.

Directives

reStructuredText directives consist of a directive type, arguments, and any number of options. Some directives expect a block of indented content.

type:: arguments :option: option value

Directive content

.. container:: [container class] .. csv-table:: [table title] :header: CSV data for headers :widths: number [, number] :file: filename :encoding: encoding

:header-rows: number :delim: character, "tab", or "space"

:quote: character :escape: character .. rubric:: title

Table of Contents

.. toctree::

:maxdepth: number of title levels

:glob: :hidden: :numbered:

:caption: caption text

:titlesonly:

[Include paths]

Python Domain

Domain directives expect a domain directive type. the construct name as a directive argument, and optionally, domain directive options.

py:method:: MyClass.foo(args) :param args: Arguments :type args: list

Link to :py:meth: MyClass.foo'

Python Domain Directives

Python Domain References .. py:module:: module :py:mod: `module` .. py:class:: signature :py:class:`signature` :py:func:`signature` .. py:function:: signature :py:data: name .. py:data:: name .. py:exception:: name :py:exc: name .. py:attribute:: name :py:attr:'name' .. py:method:: signature :py:meth:`signature` .. py:staticmethod:: signature .. py:classmethod:: signature .. py:decorator:: signature

Python Domain Directive Options

:rtype type:

.. py:currentmodule:: module

:param [type] name: description :type name: type :raises class: description :var name: description :vartype name: type :returns description:

:py:const: name

There are a number of other Sphinx language domains for representing code constructs in reference documentation: isp, coffee, and others.

Content Block Directives

.. topic:: [title] .. sidebar:: [title] :subtitle: subtitle .. admonition:: title .. attention::

.. caution:: .. danger:: .. error::

.. important::

.. note::

.. hint::

.. tip:: .. warning:: .. seealso::

.. deprecated:: [version] .. versionadded:: [version]

.. versionchanged:: [version]

.. raw:: output format

.. topic:: Examples

A topic block

This is a note.

.. versionchanged:: 1.3 Something changed.

a 1 = b 1 + c 1

HTML output

Code Examples

.. highlight:: language :linenothreshold: number .. codeblock:: [language]

:linenos:

:emphasize-lines: number [, number]

:caption: caption text :name: block target name

[Code example, indented]

.. literalinclude:: filename :language: language

:emphasize-lines: number [, number]

:linenos:

:encoding: encoding :diff: filename :dedent: number

Some of the language lexers supported by the code example tanguage option: sol, bash, and

References

:role: 'title <target>' Link to target with link text title :role: '!title' Don't create link or reference :role: `-module.Object` Use last element, Object, for link text

Cross-reference roles

Other inline markup roles :any: 'name' :abbr: 'long (abbreviation)' :doc: 'document name' :command:'name' :download: 'filename' :kbd:'keystrokes' :envvar: 'name' :program: `program` :keyword: 'python keyword' :pep:'number' :option: 'CLI option' :rfc:'number'

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