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# **Read the Docs and Sphinx**

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**Dave Snider, Read the Docs, Inc.  
contributors**

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## Sphinx Directives

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# CHAPTER 1

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## highlight

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Example:

```
.. highlight:: ccc
```

This language is used until the next `highlight` directive is encountered. As discussed previously, *language* can be any lexer alias supported by Pygments.

### Additional options

Pygments can generate line numbers for code blocks. To enable this, use the `linenothreshold` option.

```
.. highlight:: python
   :linenothreshold: 5
```

This will produce line numbers for all code blocks longer than five lines.

To ignore minor errors on highlighting, you can specify `:force: option`.

Changed in version 2.1: `:force: option`.

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Example-1:

The literal blocks are highlighted as HTML, until a new directive is found.

### Source Code

```
.. highlight:: html

::

<html><head></head>
<body>This is a text.</body>
</html>
```

### Result

```
<html><head></head>
<body>This is a text.</body>
</html>
```

---

### End Examples

The following directive changes the highlight language to SQL.

```
SELECT * FROM mytable
```

From here on no highlighting will be done.

```
SELECT * FROM mytable
```

Example:

```
.. rst:directive:: foo
```

Describes a reST directive. The *name* can be a single directive name or actual directive syntax (.. prefix and :: suffix) with arguments that will be rendered differently. For example:

```
.. rst:directive:: foo

    Foo description.

.. rst:directive:: .. bar:: baz

    Bar description.
```

will be rendered as:

```
.. foo::
    Foo description.

.. bar:: baz
    Bar description.
```

### Roles

Sphinx uses interpreted text roles to insert semantic markup into documents. They are written as `:rolename:`content``.





**Warning:** sphinxcontrib-bibtex extension is required.

**:cite:**

Create a citation to a bibliographic entry. For example:

```
See :cite:`1987:nelson` for an introduction to non-standard analysis.
```

which would be equivalent to the following LaTeX code:

```
See \cite{1987:nelson} for an introduction to non-standard analysis.
```

Multiple comma-separated keys can be specified at once:

```
See :cite:`1987:nelson,2001:schechter`.
```



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