

Using Sphinx

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1 Sphinx in Python

The following serves as a summary of the most important things to know about incorporating Sphinx into your Python comments. The full specification for the Python domain can be found at <http://sphinx-doc.org/domains.html#the-python-domain>.

How to create function names and parameters

```
.. py:function:: enumerate(sequence[, start=0])

    ...
```

There are other directives for documenting other types of Python objects, such as `py:class` and `py:method`. Please note that `py:` can be left out as Python is the default domain.

How to add a short description following the function name. ¹

```
.. function:: enumerate(sequence[, start=0])

    Return an iterator that yields tuples of an index and an item of the
    *sequence*. (And so on.)
```

Create a link to a specific object within the Sphinx documentation
`:py:func:'enumerate'` will create a link to the function `enumerate` where it appears in the actual Sphinx documentation.

Using Autodoc Firstly one must make sure that `sphinx.ext.autodoc` in the `conf.py` file is assigned to the list `extensions`.

¹The `*` characters which frame `'sequence'` serves to make the word `sequence` appear in *italics*