Sphinx

Sphinx is a documentation generator written and used by the Python community. It is written in Python, and also used in other environments.

Why Sphinx:

- Sphinx focuses on documentation, in particular handwritten documentation, however, Sphinx can also be used to generate blogs, homepages and even books.
- Much of Sphinx's power comes from the richness of its default plain-text markup format, reStructuredText, along with its significant extensibility capabilities.
- The goal of this document is to give you a quick taste of what Sphinx is and how you might use it.

Installation video:

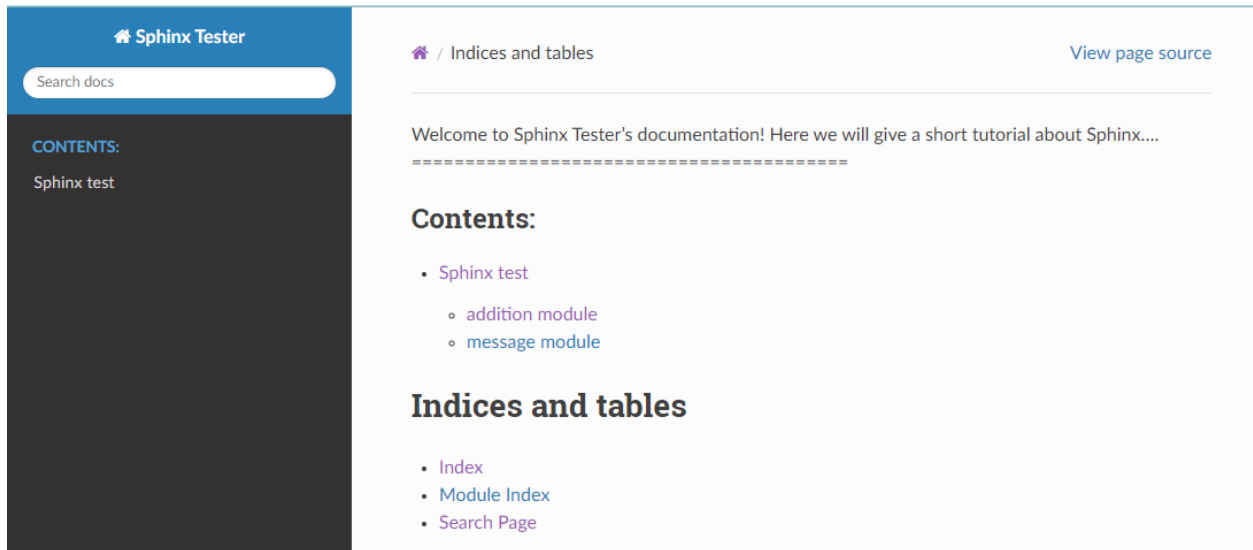Follow the video step by step to set up sphinx.

Installation video

Getting started with Sphinx:

Here is a detailed instruction for generating documentation using sphinx for python. Go to the link below-

Using Sphinx

Sphinx Documentation Example:

html Documentation:

Source code for addition module:

```
"""
Addition Package
----------------
This is a simple addition python package.

"""


def SumOfNumbers(num1, num2):
    """

    :param num1: Argument1
    :type num1: int
    :param num2: Argument2
    :type num2: int
    :return: sum of the numbers
    :rtype: int
    """
    return num1 + num2
```

Documentation for addition module

Source code for message module:

```
"""
Message Package
---------------
This is a simple message showing python package.

"""


def ShowMessage(name):
    """

    :param name: Argument
    :param type: Srting
    :return: something
    :return type:string
    """
    return "Hello, {}! Welcome to Sphinx tutorial.".format(name)
```

Documentation for message module

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View page source

message module

Message Package

This is a simple message showing python package.

`message.ShowMessage(name)` [source]

Parameters:	• **name** – Argument
	• **type** – Srting
Returns:	something
Return type:	string

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