
Polymer Simulation

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CONTENTS

1	Getting started	1
2	Indices and tables	3

GETTING STARTED

1.1 Installing your doc directory

You may already have sphinx [sphinx](#) installed – you can check by doing:

```
python -c 'import sphinx'
```

If that fails grab the latest version of and install it with:

```
> sudo easy_install -U Sphinx
```

Now you are ready to build a template for your docs, using sphinx-quickstart:

```
> sphinx-quickstart
```

accepting most of the defaults. I choose “sampledoc” as the name of my project. cd into your new directory and check the contents:

```
home:~/tmp/sampledoc> ls
Makefile      _static      conf.py
_build       _templates  index.rst
```

The index.rst is the master ReST for your project, but before adding anything, let’s see if we can build some html:

```
make html
```

If you now point your browser to `_build/html/index.html`, you should see a basic sphinx site.

Table Of Contents

[Welcome to sampledoc's documentation!](#)

[Indices and tables](#)

This Page

[Show Source](#)

Quick search

Go

Welcome to sampledoc's documentation!

Indices and tables

- [Index](#)
- [Module Index](#)
- [Search Page](#)

1.1.1 Fetching the data

Now we will start to customize our docs. Grab a couple of files from the [web site](#) or git. You will need `getting_started.rst` and `_static/basic_screenshot.png`. All of the files live in the “completed” version of this tutorial, but since this is a tutorial, we’ll just grab them one at a time, so you can learn what needs to be changed where. Since we have more files to come, I’m going to grab the whole git directory and just copy the files I need over for now. First, I’ll cd up back into the directory containing my project, check out the “finished” product from git, and then copy in just the files I need into my `sampledoc` directory:

```
home:~/tmp/sampledoc> pwd
/Users/jdhunter/tmp/sampledoc
home:~/tmp/sampledoc> cd ..
home:~/tmp> git clone https://github.com/matplotlib/sampledoc.git tutorial
Cloning into 'tutorial'...
remote: Counting objects: 87, done.
remote: Compressing objects: 100% (43/43), done.
remote: Total 87 (delta 45), reused 83 (delta 41)
Unpacking objects: 100% (87/87), done.
Checking connectivity... done
home:~/tmp> cp tutorial/getting_started.rst sampledoc/
home:~/tmp> cp tutorial/_static/basic_screenshot.png sampledoc/_static/
```

The last step is to modify `index.rst` to include the `getting_started.rst` file (be careful with the indentation, the “g” in “getting_started” should line up with the “:” in `:maxdepth:`):

```
Contents:

.. toctree::
    :maxdepth: 2

    getting_started.rst
```

and then rebuild the docs:

```
cd sampledoc
make html
```

When you reload the page by refreshing your browser pointing to `_build/html/index.html`, you should see a link to the “Getting Started” docs, and in there this page with the screenshot. *Voila!*

We can also use the image directive in `index.rst` to include the screenshot above with:

```
.. image::
    _static/basic_screenshot.png
```

Next we’ll customize the look and feel of our site to give it a logo, some custom css, and update the navigation panels to look more like the [sphinx](#) site itself – see `custom_look`.

INDICES AND TABLES

- `genindex`
- `modindex`
- `search`