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# **plotters Documentation**

*Release 0.0.1*

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This library provides some convenience functions for doing some plotting operations with matplotlib. In particular, for image processing and image analysis that often involves converting to floats and having arbitrary scales.

For a demo on how to use them and what they do, look at the [Plotters Functions Demo](#) notebook.

The Sphinx version of the documentation can be found [here](#).

## 1.1 Installation

From PyPi:

```
$ pip install plotters
```

Direct install from github (useful if you use pip freeze). To get the master branch, try:

```
$ pip install -e git+https://github.com/fbcotter/plotters#egg=plotters
```

or for a specific tag (e.g. 0.0.1), try:

```
$ pip install -e git+https://github.com/fbcotter/plotters.git@0.0.1#egg=plotters
```

Download and pip install from Git:

```
$ git clone https://github.com/fbcotter/plotters
$ cd plotters
$ pip install -r requirements.txt
$ pip install -e .
```

I would recommend to download and install (with the editable flag), as it is likely you'll want to tweak things/add functions more quickly than I can handle pull requests.

## 1.2 Further documentation

There is [more documentation](#) available online and you can build your own copy via the Sphinx documentation system:

```
$ python setup.py build_sphinx
```

Compiled documentation will then be found in `build/docs/html/` (`index.html` will be the homepage)

**2.1 Scaling and Displaying Float Images**

**2.2 Plotting Side-by-Side**

**2.3 Plotting Grids of Images**





## CHAPTER 3

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### Indices and tables

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