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# **CITSQ Productivity Tool Documentation**

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Sphinx-Gallery is a [Sphinx](#) extension that builds an HTML gallery of examples from any set of Python scripts.



The code of the project is on Github: [Sphinx-Gallery](#)



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## Features of Sphinx-Gallery

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- `create_simple_gallery` by automatically running Python files, capturing outputs + figures, and rendering them into rST files ready for Sphinx when you build the documentation. Learn how to `set_up_your_project`
- `embedding_rst`, allowing you to interweave narrative-like content with code that generates plots in your documentation. Sphinx-Gallery also automatically generates a Jupyter Notebook for each your example page.
- `references_to_examples`. Sphinx-Gallery can generate mini-galleries listing all examples that use a particular function/method/etc.
- `link_to_documentation`. Sphinx-Gallery can automatically add links to API documentation for functions/methods/classes that are used in your examples (for any Python module that uses intersphinx).
- `multiple_galleries_config` to create and embed galleries for several folders of examples.





### 2.1 Install via pip

You can do a direct install via pip by using:

```
$ pip install sphinx-gallery
```

Sphinx-Gallery will not manage its dependencies when installing, thus you are required to install them manually. Our minimal dependencies are:

- Sphinx
- Matplotlib
- Pillow

Sphinx-Gallery has also support for packages like:

- Seaborn
- Mayavi

### 2.2 Install as a developer

You can get the latest development source from our [Github repository](#). You need `setuptools` installed in your system to install Sphinx-Gallery.

You will also need to install the dependencies listed above and `pytest`

To install everything do:

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

In addition, you will need the following dependencies to build the `sphinx-gallery` documentation:

- Scipy
- Seaborn

## 2.3 Sphinx-Gallery Show: examples-index

## CHAPTER 3

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### Indices and tables

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- genindex
- modindex
- search