* Reference

https://pip.pypa.io/en/stable/reference/pip/

* Install SomePackage and its dependencies from PyPI using Requirement Specifiers

$ pip install SomePackage # latest version

$ pip install SomePackage==1.0.4 # specific version

$ pip install 'SomePackage>=1.0.4' # minimum version

* Install a list of requirements specified in a file. See the Requirements files.

$ pip install -r requirements.txt

* Upgrade an already installed SomePackage to the latest from PyPI.

$ pip install --upgrade SomePackage

* Install from a different index, and not PyPI

$ pip install --index-url http://my.package.repo/simple/ SomePackage

* Search an additional index during install, in addition to PyPI

$ pip install --extra-index-url http://my.package.repo/simple SomePackage

Install from a local flat directory containing archives (and don't scan indexes):

$ pip install --no-index --find-links=file:///local/dir/ SomePackage

$ pip install --no-index --find-links=/local/dir/ SomePackage

$ pip install --no-index --find-links=relative/dir/ SomePackage

Find pre-release and development versions, in addition to stable versions. By default, pip only finds stable versions.

$ pip install --pre SomePackage

* How to copy python environment by using pip

[Examples](https://pip.pypa.io/en/stable/reference/pip_freeze/#id6)

1. Generate output suitable for a requirements file.
2. $ pip freeze
3. docutils==0.11
4. Jinja2==2.7.2
5. MarkupSafe==0.19
6. Pygments==1.6
7. Sphinx==1.2.2
8. Generate a requirements file and then install from it in another environment.
9. $pip freeze > requirements.txt

$pip install -r requirements.txt