
bootstrap-py Documentation

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Contents:

Bootstrap Python Package

The `bootstrap-py` provides generating the Python packages.

1.1 Status

1.2 Requirements

- Python 2.7 over or Python 3.3 over or PyPy 2.4.0 over

1.3 Features

- Generating Python package.
- Test and conde checking environment is configured with the [Tox](#), [Pytest](#), and others.
 - `pytest-cov`
 - `pytest-pep8`
 - `pytest-flakes`
 - `Pylint`
 - `PyChecker`
 - `pep257`
- Auto generating documentation with the [Sphinx](#).

1.4 Usage

1.4.1 Install bootstrap-py

Install `bootstrap-py`:

```
$ virtualenv venv
$ . venv/bin/activate
(venv)$ pip install bootstrap-py
```

1.4.2 Generate Python package

Generate your Python package.:

```
(venv)$ bootstrap-py create -a 'Your author name' -e 'your-author-email@example.org' \  
-u 'https://your-package-website.example.org' -o '/path/to/package-dir' \  
-l 'select-the-license' 'your-package-name'  
(venv)$ deactivate  
$ cd /path/to/package-dir  
$ ls  
MANIFEST.in  docs      pytest.ini  setup.py    utils  
README.rst   libneta  setup.cfg   tox.ini
```

1.4.3 List license choices

List license description choices.:

```
(venv)$ bootstrap-py list -l  
GPL          : GNU General Public License (GPL)  
CPL          : Common Public License  
IOSL         : Intel Open Source License  
GPLv3+      : GNU General Public License v3 or later (GPLv3+)  
(omit)
```

1.4.4 Using tox

Running test with tox:

```
$ pip install --user tox  
$ tox  
(omit)  
  
_____ summary _____  
py27: commands succeeded  
py34: commands succeeded  
py35: commands succeeded  
pypy: commands succeeded  
pep257: commands succeeded  
docs: commands succeeded  
pychecker: commands succeeded  
congratulations :)
```

References

ChangeLog

3.1 0.2.1 (2016-02-16)

- Fixes failing create sub-command.

3.2 0.2.0 (2016-02-15)

- Adds create, list sub-command.
 - “create”: generating Python package.
 - “list”: Print license description for choices.
- Changes mutually exclusive group; username, url options.
- Add checking package name in PyPI.
- Adds some exception handling.

3.3 0.1.1 (2016-02-02)

- Fixes README template

3.4 0.1.0 (2016-02-02)

- First release

Indices and tables

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- `modindex`
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