
minimalpy

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CONTENTS

1	Install and Run	3
2	Tests and Documentation	5
3	Structure	7
4	License	9
5	Similar Projects	11

An example of a minimal Python 3.6+ project that contains an web application built with [aiohttp](#). At the same time the project exemplifies:

- [aiohttp](#) server;
- logging formatting;
- unit tests;
- [tox automation](#) for:
 - [flake8](#) style enforcement;
 - running unit tests and coverage;
- [travis](#) and [coveralls](#) integration
- building documentation for [readthedocs](#).

INSTALL AND RUN

Installation can be done:

- Github - without cloning

```
$ pip install git+https://github.com/blankdots/minimalpy.git
```

- cloning repository:

```
$ git clone git@github.com:blankdots/minimalpy.git  
$ cd minimalpy  
$ pip install .
```

After install the application can be started like: *\$ minimal*

TESTS AND DOCUMENTATION

In order to run the tests: `$ tox` in the root directory of the git project.

To build documentation locally:

```
$ cd docs
$ make html
```


STRUCTURE

Following a similar structure as described in: [Structuring Your \(Python\) Project](#). Main application resides in *minimalpy* folder, documentation in *docs* and unit tests in *tests*.

```
.
├── minimalpy
│   ├── __init__.py
│   └── server.py
├── data
│   └── data.json
├── docs
│   ├── conf.py
│   ├── index.rst
│   └── Makefile
├── bandit.yml
├── LICENSE
├── README.md
├── readthedocs.yml
├── requirements.txt
├── setup.py
├── tests
│   ├── conftest.py
│   ├── coveralls.py
│   ├── __init__.py
│   └── test_server.py
└── tox.ini
```


LICENSE

minimal python and all it sources are released under `Apache License 2.0`.

SIMILAR PROJECTS

Some projects similar in scope:

- <https://github.com/pypa/sampleproject>
- <https://github.com/kennethreitz/samplemod>