# minimalpy

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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.

#### ONE

#### **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

TWO

### **TESTS AND DOCUMENTATION**

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

To build documentation locally:

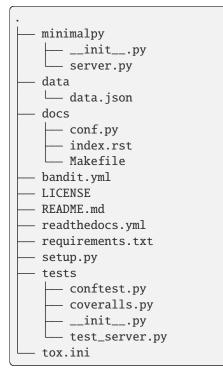
\$ cd docs

\$ make html

#### THREE

## 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*.



## FOUR

## LICENSE

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

#### FIVE

#### SIMILAR PROJECTS

Some projects similar in scope:

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