
bartender Documentation

Release 1.0

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Bartender is a [WSGI](#) application for managing other WSGI applications at runtime. It uses [stevedore](#) to load the applications and [werkzeug](#) to dispatch incoming requests based on the URL path.

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Python Versions

bartender is being developed and tested under Python 2.7.

Basic Installation

Bartender should be installed into the same site-packages area where the WSGI applications are installed (either a virtualenv or the global site-packages). You may need administrative privileges to do that. The easiest way to install it is using `pip`:

```
$ pip install bartender
```

or:

```
$ sudo pip install bartender
```

Source Code

The source is hosted on github: <https://github.com/dhellmann/bartender>

Reporting Bugs

Please report bugs through the github project: <https://github.com/dhellmann/bartender/issues>

CHAPTER 2

For Developers

If you would like to contribute to bartender directly, these instructions should help you get started. Patches, bug reports, and feature requests are all welcome through the [GitHub project](#). Contributions in the form of patches or pull requests are easier to integrate and will receive priority attention.

Building Documentation

The documentation for bartender is written in reStructuredText and converted to HTML using Sphinx. You will need the following packages in order to build the docs:

- Sphinx
- docutils

Once all of the tools are installed into a virtualenv using pip, run `python setup.py build_sphinx` to generate the HTML version of the documentation:

```
$ python setup.py build_sphinx
running build_sphinx
creating build
creating build/sphinx
creating build/sphinx/doctrees
creating build/sphinx/html
Running Sphinx v1.1.3
loading pickled environment... not yet created
building [html]: targets for 4 source files that are out of date
updating environment: 4 added, 0 changed, 0 removed
reading sources... [100%] install
/Users/dhellmann/Devel/bartender/bartender/docs/source/developers.rst:54: WARNING: ↵
↵nonlocal image URI found: https://secure.travis-ci.org/dhellmann/bartender.png?
↵branch=master
looking for now-outdated files... none found
pickling environment... done
checking consistency... done
```

```
preparing documents... done
writing output... [100%] install
writing additional files... genindex search
copying static files... done
dumping search index... done
dumping object inventory... done
build succeeded, 1 warning.
```

The output version of the documentation ends up in `./docs/build/html` inside your sandbox.

Running Tests

The test suite for bartender uses `tox`, which must be installed separately (`pip install tox`).

To run the tests under Python 2.7, run `tox` from the top level directory of the git repository.

To run tests under a single version of Python, specify the appropriate environment when running `tox`:

```
$ tox -e py27
```

Add new tests by modifying an existing file or creating new script in the `tests` directory.

CHAPTER 3

Release History

1.0

- First public version.

CHAPTER 4

Indices and tables

- `genindex`
- `modindex`
- `search`