# pycontainerize

*Release 0.1.0*

**Jan 23, 2018**

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CHAPTER 1

# Overview

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## 1.1 WARNING: WORK IN PROGRESS

A containerization and deployment tool for python applications and services

- Free software: BSD license

## 1.2 Installation

```
pip install pycontainerize
```

## 1.3 Documentation

https://libpycontainerize.readthedocs.io/

## 1.4 Development

To run the all tests run:

```
tox
```

Note, to combine the coverage data from all the tox environments run:

| | |
|---|---|
| Windows | `set PYTEST_ADDOPTS=--cov-append`<br>`tox` |
| Other | `PYTEST_ADDOPTS=--cov-append tox` |

CHAPTER 2

# Installation

At the command line:

```
pip install pycontainerize
```

CHAPTER 3

# Usage

To use pycontainerize in a project:

```
import pycontainerize
```

CHAPTER 4

# Reference

## 4.1 pycontainerize

CHAPTER 5

# Contributing

Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given.

## 5.1 Bug reports

When reporting a bug please include:

- Your operating system name and version.
- Any details about your local setup that might be helpful in troubleshooting.
- Detailed steps to reproduce the bug.

## 5.2 Documentation improvements

pycontainerize could always use more documentation, whether as part of the official pycontainerize docs, in docstrings, or even on the web in blog posts, articles, and such.

## 5.3 Feature requests and feedback

The best way to send feedback is to file an issue at https://github.com/tooringanalytics/libpycontainerize/issues.

If you are proposing a feature:

- Explain in detail how it would work.
- Keep the scope as narrow as possible, to make it easier to implement.
- Remember that this is a volunteer-driven project, and that code contributions are welcome :)

## 5.4 Development

To set up *libpycontainerize* for local development:

1. Fork libpycontainerize (look for the "Fork" button).
2. Clone your fork locally:

```
git clone git@github.com:your_name_here/libpycontainerize.git
```

3. Create a branch for local development:

```
git checkout -b name-of-your-bugfix-or-feature
```

   Now you can make your changes locally.

4. When you're done making changes, run all the checks, doc builder and spell checker with tox one command:

```
tox
```

5. Commit your changes and push your branch to GitHub:

```
git add .
git commit -m "Your detailed description of your changes."
git push origin name-of-your-bugfix-or-feature
```

6. Submit a pull request through the GitHub website.

### 5.4.1 Pull Request Guidelines

If you need some code review or feedback while you're developing the code just make the pull request.

For merging, you should:

1. Include passing tests (run `tox`)[1].
2. Update documentation when there's new API, functionality etc.
3. Add a note to `CHANGELOG.rst` about the changes.
4. Add yourself to `AUTHORS.rst`.

### 5.4.2 Tips

To run a subset of tests:

```
tox -e envname -- py.test -k test_myfeature
```

To run all the test environments in *parallel* (you need to `pip install detox`):

```
detox
```

[1] If you don't have all the necessary python versions available locally you can rely on Travis - it will run the tests for each change you add in the pull request.
It will be slower though ...

CHAPTER 6

# Authors

- Anshuman P.Kanetkar - https://www.tooringanalytics.com

CHAPTER 7

# Changelog

## 7.1 0.1.0 (2017-05-17)

- First release on PyPI.

CHAPTER 8

# Indices and tables

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