
py3helpers

Release 0.5.3

Jun 30, 2021

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CHAPTER 1

Overview

| | |
|---------|--|
| docs | |
| tests | |
| package | |

General python functions and classes which could be used across multiple projects.

- Free software: BSD 3-Clause License

1.1 Installation

```
pip install py3helpers
```

You can also install the in-development version with:

```
pip install https://github.com/adbailey4/py3helpers/archive/master.zip
```

You to allow access to seq_tools, you need to install with:

```
pip install py3helpers[seq_tools]
```

Or you can install from source with:

```
git clone https://github.com/adbailey4/python_utils
cd python_utils
pip install -e.[seq_tools]
python setup.py test
```

1.2 Documentation

<https://py3helpers.readthedocs.io/>

1.3 Development

To run the all tests run:

```
tox
```

CHAPTER 2

Installation

At the command line:

```
pip install py3helpers
```


CHAPTER 3

Usage

To use py3helpers in a project:

```
import py3helpers
```


CHAPTER 4

Reference

4.1 py3helpers

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

py3helpers could always use more documentation, whether as part of the official py3helpers 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/adbailey4/py3helpers/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 *py3helpers* for local development:

1. Fork [py3helpers](#) (look for the “Fork” button).
2. Clone your fork locally:

```
git clone git@github.com:adbailey4/py3helpers.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 and docs builder 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 -- pytest -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

- Andrew Dewey Bailey IV - <https://blog.ionelmc.ro>

CHAPTER 7

Changelog

7.1 0.4.0 (2020-02-27)

- First release on PyPI.

CHAPTER 8

Indices and tables

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

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