
pdiffutils

Release 0.0.3

Matthew Rowles

Feb 02, 2022

CONTENTS

1 Overview	1
1.1 Installation	1
1.2 Documentation	1
1.3 Development	2
2 Installation	3
3 Usage	5
4 Reference	7
4.1 pdiffutils	7
5 Contributing	9
5.1 Bug reports	9
5.2 Documentation improvements	9
5.3 Feature requests and feedback	9
5.4 Development	10
6 Authors	11
7 Changelog	13
7.1 0.0.3 (2022-02-02)	13
7.2 0.0.2 (2021-12-01)	13
7.3 0.0.1 (2021-11-06)	13
7.4 0.0.0 (2021-11-06)	13
8 Indices and tables	15
Python Module Index	17
Index	19

OVERVIEW

docs	
tests	
package	

A small package for manipulating powder diffraction data

- Free software: Apache Software License 2.0

1.1 Installation

```
pip install pdiffutils
```

You can also install the in-development version with:

```
pip install https://github.com/rowlesmr/pdiffutils/archive/master.zip
```

1.2 Documentation

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

1.3 Development

Just ask me, and I can probably help.

INSTALLATION

At the command line:

```
pip install pdiffutils
```

CHAPTER THREE

USAGE

To use pdiffutils in a project:

```
import pdiffutils as du
```


REFERENCE

4.1 pdiffutils

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

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

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

```
git clone git@github.com:YOURGITHUBNAME/pdiffutils.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. 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
```

5. 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. Update documentation when there’s new API, functionality etc.
2. Add a note to `CHANGELOG.rst` about the changes.
3. Add yourself to `AUTHORS.rst`.

CHAPTER
SIX

AUTHORS

- Matthew Rowles - .

CHANGELOG

7.1 0.0.3 (2022-02-02)

- Fixed incorrect output in split on zero for DiffractionExperiment

7.2 0.0.2 (2021-12-01)

- I don't know what I've added in terms of features
- Implemented a bunch of unit tests
- Squashed various bugs found by unit tests

7.3 0.0.1 (2021-11-06)

- Fixed function exports

7.4 0.0.0 (2021-11-06)

- First release on PyPI.

INDICES AND TABLES

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

PYTHON MODULE INDEX

p

pdiffutils, [7](#)

INDEX

M

module

 pdiffutils, [7](#)

P

pdiffutils

 module, [7](#)