
PatchIO Documentation

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CHAPTER 1

PatchIO

Python monkey-patching utilities

- Free software: BSD license
- Documentation: <https://patchio.readthedocs.org>.
- Issue tracker: <https://github.com/treyhunner/patchio/issues>
- Package available on PyPI

Pull requests are welcome. Read the CONTRIBUTING file for tips on submitting a pull request.

CHAPTER 2

Installation

At the command line:

```
$ pip install patchio
```


To use PatchIO in a project:

```
import patchio
```

Command-Line Arguments

You can use `patch_args` to monkey patch command-line arguments.

This utility can be used as a context manager:

```
import sys
with patch_args(["hello", "world"]) as args:
    assert " ".join(sys.argv[1:]) == "hello world"
    assert args == sys.argv
```

This utility can also be used as a decorator:

```
import sys
@patch_args(["hello", "world"])
def get_args():
    return sys.argv
assert " ".join(get_args()) == "hello world"
```


Below is a list of tips for submitting issues and pull requests. These are suggestions and not requirements.

Submitting Issues

Issues are often easier to reproduce/resolve when they have:

- A pull request with a failing test demonstrating the issue
- A code example that produces the issue consistently
- A traceback (when applicable)

Pull Requests

When creating a pull request, try to:

- Write tests if applicable
- Note important changes in the CHANGES file
- Update the README file if needed
- Update the documentation if needed
- Add yourself to the AUTHORS file
- Conform to [PEP8](#) for code contributions

Testing

You will need `tox` and `coverage` installed to run the tests on your code:

```
$ pip install tox coverage
```

To run the tests and generate a coverage report (in `htmlcov` directory):

```
$ make test-all
```

Please note: Before a pull request can be merged, all tests must pass and code/branch coverage in tests must be 100%.

CHAPTER 5

Credits

Authors and contributors to patchio (listed alphabetically):

- Trey Hunner <trey@treyhunner.com>

CHAPTER 6

Indices and tables

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