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# mozilla-django-oidc Documentation

*Release 0.1.0*

**Mozilla**

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Contents:



# CHAPTER 1

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## mozilla-django-oidc

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A lightweight authentication and access management library for integration with OpenID Connect enabled authentication services.

### Documentation

The full documentation is at <https://mozilla-django-oidc.readthedocs.io>.

### Quickstart

Install mozilla-django-oidc:

```
pip install mozilla-django-oidc
```

Then use it in a project:

```
import mozilla_django_oidc
```

### Running Tests

Does the code actually work?

```
source <YOURVIRTUALENV>/bin/activate  
(myenv) $ pip install -r requirements/requirements_test.txt  
(myenv) $ python runtests.py
```

## License

This software is licensed under the MPL 2.0 license. For more info check the LICENSE file.

## Credits

Tools used in rendering this package:

- `Cookiecutter`
- `cookiecutter-djangopackage`



## CHAPTER 2

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### Installation

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At the command line:

```
$ easy_install mozilla-django-oidc
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv mozilla-django-oidc  
$ pip install mozilla-django-oidc
```



## CHAPTER 3

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### Usage

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To use mozilla-django-oidc in a project:

```
import mozilla_django_oidc
```



Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given. You can contribute in many ways:

### Types of Contributions

#### Report Bugs

Report bugs at <https://github.com/mozilla/mozilla-django-oidc/issues>.

If you are 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.

#### Fix Bugs

Look through the GitHub issues for bugs. Anything tagged with “bug” is open to whoever wants to implement it.

#### Implement Features

Look through the GitHub issues for features. Anything tagged with “feature” is open to whoever wants to implement it.

## Write Documentation

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

## Submit Feedback

The best way to send feedback is to file an issue at <https://github.com/mozilla/mozilla-django-oidc/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 contributions are welcome :)

## Get Started!

Ready to contribute? Here's how to set up *mozilla-django-oidc* for local development.

1. Fork the *mozilla-django-oidc* repo on GitHub.
2. Clone your fork locally:

```
$ git clone git@github.com:your_name_here/mozilla-django-oidc.git
```

3. Install your local copy into a virtualenv. Assuming you have virtualenvwrapper installed, this is how you set up your fork for local development:

```
$ mkvirtualenv mozilla-django-oidc
$ cd mozilla-django-oidc/
$ python setup.py develop
```

4. Create a branch for local development:

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

Now you can make your changes locally.

5. When you're done making changes, check that your changes pass flake8 and the tests, including testing other Python versions with tox:

```
$ flake8 mozilla_django_oidc tests
$ python setup.py test
$ tox
```

To get flake8 and tox, just pip install them into your virtualenv.

6. 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
```

7. Submit a pull request through the GitHub website.

## Pull Request Guidelines

Before you submit a pull request, check that it meets these guidelines:

1. The pull request should include tests.
2. If the pull request adds functionality, the docs should be updated. Put your new functionality into a function with a docstring, and add the feature to the list in README.rst.
3. The pull request should work for Python 2.6, 2.7, and 3.3, and for PyPy. Check [https://travis-ci.org/mozilla/mozilla-django-oidc/pull\\_requests](https://travis-ci.org/mozilla/mozilla-django-oidc/pull_requests) and make sure that the tests pass for all supported Python versions.

## Tips

To run a subset of tests:

```
$ python -m unittest tests.test_mozilla_django_oidc
```





### Development Lead

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- John Giannelos <jgiannelos@mozilla.com>

### Contributors

None yet. Why not be the first?



**0.1.0 (2016-10-12)**

- First release on PyPI.