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# **django-flexible-payments**

## **Documentation**

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## Contents

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<b>1</b>	<b>django-flexible-payments</b>	<b>3</b>
1.1	Why . . . . .	3
1.2	How . . . . .	3
1.3	Documentation . . . . .	3
1.4	Quickstart . . . . .	3
1.5	Features . . . . .	4
1.6	Running Tests . . . . .	4
1.7	Credits . . . . .	4
<b>2</b>	<b>Installation</b>	<b>5</b>
<b>3</b>	<b>Usage</b>	<b>7</b>
<b>4</b>	<b>Contributing</b>	<b>9</b>
4.1	Types of Contributions . . . . .	9
4.2	Get Started! . . . . .	10
4.3	Pull Request Guidelines . . . . .	11
4.4	Tips . . . . .	11
<b>5</b>	<b>Credits</b>	<b>13</b>
5.1	Development Lead . . . . .	13
5.2	Contributors . . . . .	13
<b>6</b>	<b>History</b>	<b>15</b>
6.1	0.1.0 (2019-01-23) . . . . .	15



Contents:



# CHAPTER 1

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## django-flexible-payments

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Independent and reusable Payment app for Django, used to build the Django Subscription Plan System.

### 1.1 Why

Taking inspiration from silver `django-payments` `django-getpaid` `django-plans` `django-invoices` `django-flexible-payments` offers a customizable approach to support payments; `PaymentMethod` and `Transaction` are connected with their `PaymentProcessor`

### 1.2 How

### 1.3 Documentation

The full documentation is at <https://django-flexible-payments.readthedocs.io>.

### 1.4 Quickstart

Install `django-flexible-payments`:

```
pip install django-flexible-payments
```

Add it to your `INSTALLED_APPS`:

```
INSTALLED_APPS = (
    ...
    'flexible_payments.apps.FlexiblePaymentsConfig',
    ...
)
```

Add django-flexible-payments's URL patterns:

```
from flexible_payments import urls as flexible_payments_urls

urlpatterns = [
    ...
    url(r'^payments/', include(flexible_payments_urls)),
    ...
]
```

## 1.5 Features

- TODO

## 1.6 Running Tests

Does the code actually work?

```
source <YOURVIRTUALENV>/bin/activate
(myenv) $ pip install tox
(myenv) $ tox
```

## 1.7 Credits

Tools used in rendering this package:

- Cookiecutter
- cookiecutter-djangopackage
- django-fsm
- django-money



## CHAPTER 2

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### Installation

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At the command line:

```
$ easy_install django-flexible-payments
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv django-flexible-payments  
$ pip install django-flexible-payments
```



To use django-flexible-payments in a project, add it to your *INSTALLED\_APPS*:

```
INSTALLED_APPS = (  
    ...  
    'flexible_payments.apps.FlexiblePaymentsConfig',  
    ...  
)
```

Add django-flexible-payments's URL patterns:

```
from flexible_payments import urls as flexible_payments_urls  
  
urlpatterns = [  
    ...  
    url(r'^$', include(flexible_payments_urls)),  
    ...  
]
```



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

## 4.1 Types of Contributions

### 4.1.1 Report Bugs

Report bugs at <https://github.com/ninjabit/django-flexible-payments/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.

### 4.1.2 Fix Bugs

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

### 4.1.3 Implement Features

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

### 4.1.4 Write Documentation

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

### 4.1.5 Submit Feedback

The best way to send feedback is to file an issue at <https://github.com/ninjabit/django-flexible-payments/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 :)

## 4.2 Get Started!

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

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

```
$ git clone git@github.com:your_name_here/django-flexible-payments.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 django-flexible-payments
$ cd django-flexible-payments/
$ 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 flexible_payments 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.

## 4.3 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/ninjabit/django-flexible-payments/pull\\_requests](https://travis-ci.org/ninjabit/django-flexible-payments/pull_requests) and make sure that the tests pass for all supported Python versions.

## 4.4 Tips

To run a subset of tests:

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





### 5.1 Development Lead

- Tobia Ghiraldini <[tobia.ghiraldini@ninjaabit.com](mailto:tobia.ghiraldini@ninjaabit.com)>

### 5.2 Contributors

None yet. Why not be the first?



#### 6.1 0.1.0 (2019-01-23)

- First release on PyPI.