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# **django-rest-framework-nested- resource Documentation**

*Release 1.2.0*

**SimpleEnergy**

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## Contents

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<b>1</b>	<b>django-rest-framework-nested-resource</b>	<b>3</b>
1.1	Documentation . . . . .	3
1.2	Quickstart . . . . .	3
1.3	Features . . . . .	3
<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	1.0.0 (2014-08-14) . . . . .	15



Contents:



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## django-rest-framework-nested-resource

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DRF view mixin for nested resources

### Documentation

The full documentation is at <https://django-rest-framework-nested-resource.readthedocs.org>.

### Quickstart

Install django-rest-framework-nested-resource:

```
pip install django-rest-framework-nested-resource
```

Then use it in a project:

```
import django_rest_framework_nested_resource
```

### Features

- TODO





## CHAPTER 2

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### Installation

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At the command line:

```
$ easy_install django-rest-framework-nested-resource
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv django-rest-framework-nested-resource  
$ pip install django-rest-framework-nested-resource
```



## CHAPTER 3

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### Usage

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```
# models.py
class Blog(models.Model)
    ...

class BlogEntry(models.Model):
    blog = models.ForeignKey(Blog)

# views.py
from drf_nested_resource.mixins import NestedResourceMixin

class BlogEntryViewSet(NestedResourceMixin, ...):
    model = BlogEntry
    parent_model = Blog

# urls.py
urlpatterns = patterns('', # NOQA
    url(
        r'^blogs/(?P<blog_pk>\d+)/entries/$', views.BlogEntryViewSet.as_view(),
    ),
)
```



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/simpleenergy/django-rest-framework-nested-resource/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

django-rest-framework-nested-resource could always use more documentation, whether as part of the official django-rest-framework-nested-resource 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/simpleenergy/django-rest-framework-nested-resource/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 *django-rest-framework-nested-resource* for local development.

1. Fork the *django-rest-framework-nested-resource* repo on GitHub.
2. Clone your fork locally:

```
$ git clone git@github.com:your_name_here/django-rest-framework-nested-resource.  
↪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-rest-framework-nested-resource  
$ cd django-rest-framework-nested-resource/  
$ 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 making changes, check that your changes pass flake8 and the tests, including testing other Python versions with tox:

```
$ flake8 drf_nested_resource 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/simpleenergy/django-rest-framework-nested-resource/pull\\_requests](https://travis-ci.org/simpleenergy/django-rest-framework-nested-resource/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_drf_nested_resource
```





## CHAPTER 5

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### Credits

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#### Development Lead

- SimpleEnergy <pipec@simpleenergy.com>

#### Contributors

None yet. Why not be the first?



## CHAPTER 6

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### History

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#### **1.0.0 (2014-08-14)**

- First release on PyPI.