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# **django-jsnlog Documentation**

***Release 0.2.0***

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## DJANGO-JSNLOG

A django integration for client side logging for javascript with JSNLog <https://jsnlog.com/>.

### 1.1 Documentation

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

### 1.2 Quickstart

Install django-jsnlog:

```
pip install django-jsnlog
```

Add it to your *INSTALLED\_APPS*:

```
INSTALLED_APPS = (  
    ...  
    'jsnlog',  
    ...  
)
```

Add django-jsnlog's URL patterns:

```
urlpatterns += [  
    path(r'jsnlog.logger', include('jsnlog.urls')),  
]
```

Add django-jsnlog's javascript files to your template:

```
...  
<script type="text/javascript" src="{% static 'jsnlog/js/jsnlog.min.js' %}"></script>  
<script type="text/javascript" src="{% static 'jsnlog/js/django-jsnlog.js' %}"></  
↪script>  
...
```

## 1.3 Credits

Tools used in rendering this package:

- [Cookiecutter](#)
- [cookiecutter-djangopackage](#)



## INSTALLATION

At the command line:

```
$ easy_install django-jsnlog
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv django-jsnlog  
$ pip install django-jsnlog
```



## 3.1 AppConfig

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

```
# settings.py
INSTALLED_APPS = (
    ...
    'jsnlog',
    ...
)
```

or use your own AppConfig like this:

```
# settings.py
INSTALLED_APPS = (
    ...
    'myApp.apps.MyJSNLogConfig',
    ...
)

# myApp/apps.py
from jsnlog.apps import DefaultJSNLogConfig

class MyJSNLogConfig(DefaultJSNLogConfig):
    ...
```

## 3.2 URLs and Views

Add django-jsnlog's URL patterns:

```
urlpatterns += [
    path(r'jsnlog.logger', include('jsnlog.urls')),
]
```

or implement your own LogView by inheriting from JSNLogView like this:

```
# views.py
@method_decorator(login_required, name='dispatch')
class MyJSNLogView(JSNLogView):
    pass
```

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```
# urls.py
urlpatterns += [
    path(r'jsnlog.logger', MyJSNLogView.as_view()),
]
```

## 3.3 Template

Add django-jsnlog's javascript files to your template:

```
<script type="text/javascript" src="{% static 'jsnlog/js/jsnlog.min.js' %}"></script>
<script type="text/javascript" src="{% static 'jsnlog/js/django-jsnlog.js' %}"></
↪script>
```

## 3.4 Logging

Add django-jsnlog's logger to your project SETTINGS like this:

```
LOGGING = {
    ...
    'loggers': {
        ...
        # JSNLog logs (client js errors)
        'jsnlog': {
            'handlers': ['console'],
            'level': 'DEBUG',
            'propagate': True,
        },
        ...
    }
}
```

## CONTRIBUTING

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/oruehenbeck/django-jsnlog/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-jsnlog could always use more documentation, whether as part of the official django-jsnlog 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/oruehenbeck/django-jsnlog/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-jsnlog* for local development.

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

```
$ git clone git@github.com:your_name_here/django-jsnlog.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-jsnlog
$ cd django-jsnlog/
$ 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:

```
$ flake8 jsnlog tests
```

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

## 4.4 Tips





## CREDITS

### 5.1 Development Lead

- Tobias Funke <[tfunke@bona-fide.it](mailto:tfunke@bona-fide.it)>

### 5.2 Contributors

None yet. Why not be the first?



## HISTORY

### 6.1 0.1.0 (2021-04-14)

- First release on PyPI.