Flask-RateLimiter Documentation

Release 0.1.0

CERN

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Flask-RateLimiter is an extension for Flask that provides a rate limiting decorator.

This part of the documentation will show you how to get started in using Flask-RateLimiter with Flask.

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Installation

Install Flask-RateLimiter with pip

```
pip install flask-ratelimiter
```

The development version can be downloaded from its page at GitHub.

git clone https://github.com/inveniosoftware/flask-ratelimiter.git
cd flask-ratelimiter
python setup.py develop
source run-tests.sh

1.1 Requirements

Flask-RateLimiter has the following dependencies:

- Flask
- six

Flask-RateLimiter requires Python version 2.6, 2.7 or 3.3+

Quickstart

This guide assumes you have successfully installed Flask-RateLimiter and a working understanding of Flask. If not, follow the installation steps and read about Flask at http://flask.pocoo.org/docs/.

2.1 A Minimal Example

A minimal Flask-RateLimiter usage example looks like this. First create the application and initialize the extension:

```
>>> from flask import Flask
>>> from flask_ratelimiter import RateLimiter
>>> app = Flask('myapp')
>>> ext = RateLimiter(app=app)
>>> CHANGEME
# -*- coding: utf-8 -*-
##
## This file is part of Flask-RateLimiter
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import sys
if sys.version_info < (2, 7):</pre>
    import functools
```

```
import nose
    from unittest2 import TestCase
    def skipUnless(condition, msg):
        def decorated(test):
            @functools.wraps(test)
            def decorator(*args, **kwargs):
                if condition:
                    return test(*args, **kwargs)
                raise nose.SkipTest(msg)
            return decorator
        return decorated
else:
    from unittest import TestCase, skipUnless
from flask import Flask
class FlaskTestCase(TestCase):
    Mix-in class for creating the Flask application
    def setUp(self):
        app = Flask(__name___)
        app.config['DEBUG'] = True
        app.config['TESTING'] = True
        app.logger.disabled = True
        self.app = app
__all__ = ['FlaskTestCase', 'skipUnless']
```

API Reference

If you are looking for information on a specific function, class or method, this part of the documentation is for you.

3.1 API Docs

Additional Notes

Notes on how to contribute, legal information and changelog are here for the interested.

4.1 Contributing

See http://invenio-software.org/wiki/Development/Contributing for now.

4.2 Changelog

Here you can see the full list of changes between each Flask-RateLimiter release.

4.2.1 Version 0.1.0 (released 2014-06-27)

• Initial public release.

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