
Flask-RQ Documentation

Release 0.2

Matt Wright

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RQ (Redis Queue) integration for Flask applications

CHAPTER 1

Resources

- [Documentation](#)
- [Issue Tracker](#)
- [Code](#)
- [Development Version](#)

CHAPTER 2

Installation

```
$ pip install flask-rq
```


CHAPTER 3

Getting started

To quickly start using *rq*, simply create an RQ instance:

```
from flask import Flask
from flask.ext.rq import RQ

app = Flask(__name__)

RQ(app)
```

@job decorator

Provides a way to quickly set a function as an *rq* job:

```
from flask.ext.rq import job

@job
def process(i):
    # Long stuff to process

process.delay(3)
```

A specific queue name can also be passed as argument:

```
@job('low')
def process(i):
    # Long stuff to process

process.delay(2)
```

get_queue function

Returns default queue or specific queue for name given as argument:

```
from flask.ext.rq import get_queue

job = get_queue().enqueue(stuff)  # Creates a job on ``default`` queue
job = get_queue('low').enqueue(stuff)  # Creates a job on ``low`` queue
```

get_worker function

Returns a worker for default queue or specific queues for names given as arguments:

```
from flask.ext.rq import get_worker

# Creates a worker that handle jobs in ``default`` queue.
get_worker().work(True)
# Creates a worker that handle jobs in both ``default`` and ``low`` queues.
get_worker('default', 'low').work(True)
# Note: These queues have to share the same connection
```

CHAPTER 4

Configuration

By default Flask-RQ will connect to the default, locally running Redis server. One can change the connection settings for the default server like so:

```
app.config['RQ_DEFAULT_HOST'] = 'somewhere.com'
app.config['RQ_DEFAULT_PORT'] = 6479
app.config['RQ_DEFAULT_PASSWORD'] = 'password'
app.config['RQ_DEFAULT_DB'] = 1
```

Queue connection can also be set using a DSN:

```
app.config['RQ_QUEUES'] = 'redis://localhost:6379/2'
```


Flask-RQ Changelog

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

Version 0.2

Released November 12th 2012

- Improve and simplify extension
- Renamed *task* to *job*

Version 0.1

First release

CHAPTER 6

Indices and tables

- `genindex`
- `modindex`
- `search`