
django-redis-sessions-fork

Documentation

Release master

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info Redis Session Backend For Django

Features

- Fast NoSQL Django sessions backend
- Invalidation via [TTL](#)
- Easy migrations from `django.contrib.sessions`
- Fastest session serializers
- Backward migrations to `django.contrib.sessions`

Installation

run `pip install django-redis-sessions-fork`

or alternatively download the tarball and run `python setup.py install`

set `redis_sessions_fork.session` as your session engine, like so

```
SESSION_ENGINE = 'redis_sessions_fork.session'
```

Configuration

```
# all these options are defaults, you can skip anyone
SESSION_REDIS_HOST = '127.0.0.1'
SESSION_REDIS_PORT = 6379
SESSION_REDIS_DB = 0
SESSION_REDIS_PASSWORD = None
SESSION_REDIS_PREFIX = None

# if you prefer domain socket connection
# you can just add this line instead of SESSION_REDIS_HOST and SESSION_REDIS_PORT
SESSION_REDIS_UNIX_DOMAIN_SOCKET_PATH = '/var/run/redis/redis.sock'

# you can also use redis from url
SESSION_REDIS_URL = 'redis://127.0.0.1:6379/0'

# also available setup connection via redis.ConnectionPool like
SESSION_REDIS_CONNECTION_POOL = 'random.app.redis_connection_pool'
```

if you one of happy heroku.com users

you can skip redis configuration at all

`django-redis-sessions-fork` already have prefiguration for redis clouds

Serializer's

Django>=1.5.3 supports different session serializers, such as `django.contrib.sessions.serializers.PickleSerializer` and `django.contrib.sessions.serializers.JSONSerializer`

alternative you can use `ujson` serializer, which is more faster then default

```
pip install ujson
```

then

```
SESSION_SERIALIZER = 'redis_sessions_fork.serializers.UjsonSerializer'
```

in addition it is possible to configure `ujson` encoding, like

```
SESSION_REDIS_JSON_ENCODING = 'utf8' # default is 'latin-1'
```

Sessions migration

add `redis_sessions_fork` to your `INSTALLED_APPS`

```
# copy orm sessions to redis
python manage.py migrate_sessions_to_redis
# copy redis sessions to orm
python manage.py migrate_sessions_to_orm
# flush redis sessions
python manage.py flush_redis_sessions
# flush orm sessions
python manage.py flush_orm_sessions
```

Tests

```
pip install tox  
tox
```