
redish Documentation

Release 0.0.1

Ask Solem

Sep 14, 2017

Contents

1	redish - Pythonic Redis abstraction built on top of redis-py	3
1.1	Introduction	3
1.2	Installation	4
1.3	Examples	4
2	API Reference	5
2.1	Database - redish.client	5
2.2	Datatypes - redish.types	5
2.3	Models - redish.models	5
2.4	Serialization - redish.serialization	5
2.5	Utilities - redish.utils	5
3	Change History	7
3.1	0.0.1 [2010-04-29 04:40 P.M CET]	7
4	Indices and tables	9
	Python Module Index	11

Contents:

redish - Pythonic Redis abstraction built on top of redis-py

Version 0.0.1

Introduction

Braindump:

```
>>> from redish.client import Client
>>> x = Client()

# Key/Value
>>> x["foo"] = {"name": "George"}
>>> x["foo"]
{'name': 'George'}
>>> del(x["foo"])
>>> x["foo"]
Traceback (most recent call last):
File "<stdin>", line 1, in <module>
File "redish/client.py", line 52, in __getitem__
    raise KeyError(key)
KeyError: 'foo'

# Sets

>>> s = x.Set("myset")
>>> map(s.add, ["opera", "firefox", "ie", "safari"])
[True, True, True, True]
>>> "opera" in s
True
>>> s.remove("safari")
>>> "safari" in s
False
>>> list(s)
['opera', 'ie', 'firefox']
```

```
>>> s2 = x.Set("myset2")
>>> map(s2.add, ["opera", "firefox", "mosaic"])
[True, True, True]
>>> s.difference(s2)
set(['opera', 'firefox', 'mosaic'])

# Sorted Set

>>> z = x.SortedSet("myzset")
>>> z.add("foo", 0.9)
True
>>> z.add("bar", 0.1)
True
>>> z.add("baz", 0.3)
True
>>> z[0:3]
['bar', 'baz', 'foo']
```

Installation

You can install `redish` either via the Python Package Index (PyPI) or from source.

To install using `pip`,:

```
$ pip install redish
```

To install using `easy_install`,:

```
$ easy_install redish
```

If you have downloaded a source tarball you can install it by doing the following,:

```
$ python setup.py build
# python setup.py install # as root
```

Examples

Release 0.0

Date Sep 14, 2017

Database - `redish.client`

Datatypes - `redish.types`

Models - `redish.models`

Serialization - `redish.serialization`

Utilities - `redish.utils`

`redish.utils.dt_to_timestamp(dt)`

Convert `datetime` to UNIX timestamp.

`redish.utils.maybe_datetime(timestamp)`

Convert `datetime` to timestamp, only if `timestamp` is a `datetime` object.

CHAPTER 3

Change History

0.0.1 [2010-04-29 04:40 P.M CET]

- Initial release.

CHAPTER 4

Indices and tables

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

r

`redish.utils`, 5

D

`dt_to_timestamp()` (in module `redish.utils`), [5](#)

M

`maybe_datetime()` (in module `redish.utils`), [5](#)

R

`redish.utils` (module), [5](#)