
redispace Documentation

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Welcome to redispace documentation.

API REFERENCE

1.1 redispace — redispace

redispace is a [Redis](#) client based on [redis-py](#).

class `redispace.RedisBlock(nodes)`

Redis block that is composited with [RedisNode](#).

Parameters `nodes` ([collections.Mapping](#) or list) – the collection of [RedisNode](#)

If list is given for nodes, it converts the list to [dict](#) internally.

execute (`command, *args, **kwargs`)

Proxy for method of `RedisBlock.client`::

Same as [RedisNode.execute\(\)](#).

Parameters `command` (basestring) – the name of `RedisBlock.client`'s method to call

get_node_by_rotation (`with_name=True`)

Pooling [RedisNode](#) and fetch one in turn.

```
>>> rb.get_node_by_rotation()
('node_1', <redispace.RedisNode object at 0x1376990>)
>>> rb.get_node_by_rotation()
('node_0', <redispace.RedisNode object at 0x1376810>)
>>> rb.get_node_by_rotation()
('node_1', <redispace.RedisNode object at 0x1376990>)
>>> rb.get_node_by_rotation()
('node_0', <redispace.RedisNode object at 0x1376810>)
```

Parameters `with_name` (bool) – the boolean value whether this method returns node with its name or not

Returns the redis node that is in its turn

Return type tuple or [RedisNode](#)

class `redispace.RedisNode(host='localhost', port=6379, **config)`

Redis node class using `redis.StrictRedis`.

client

Read-only attribute to get the redis client bound to self.

Returns the redis client that is bound to self.

Return type `redis.StrictRedis`

execute (*command*, *args, **kwargs)

Proxy for method of `RedisNode.client`.

```
node = RedisNode()
result = node.execute('set', 'key', 'value')
value = node.execute('get', 'key')
```

is equivalent to:

```
result = node.client.set('key', 'value')
value = node.client.get('key')
```

Parameters **command** (basestring) – the name of `RedisNode.client`'s method to call

host

Read-only attribute to get host of bound redis.

Returns the host of bound redis server

Return type basestring

port

Read-only attribute to get port of bound redis.

Returns the port of bound redis server

Return type `numbers.Integral`

class `redispace.Redispace`

Shards data into `RedisBlock` and distributes operations to `RedisNode`.

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- *search*

PYTHON MODULE INDEX

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