
ZenIRCBot API Documentation

Release 2.2

Wraithan

September 07, 2012

CONTENTS

1	General Usage	3
2	JavaScript Specific Examples	5
3	Python Specific Examples	7
4	Indices and tables	9
	Python Module Index	11

This is the API for [ZenIRCBot](#).

So far it is the [JavaScript package](#) and [Python package](#). You can install it using:

```
$ npm install zenircbot-api
```

or:

```
$ pip install zenircbot_api
```

Contents:

GENERAL USAGE

ZenIRCBot API

class zenircbot_api.**ZenIRCBot** (*host='localhost', port=6379, db=0*)
Instantiates a new ZenIRCBot API object.

Parameters

- **host** (*string*) – Redis hostname (default: 'localhost')
- **port** (*integer*) – Redis port (default: 6379)
- **db** (*integer*) – Redis DB number (default: 0)

Returns ZenIRCBot instance

Takes Redis server parameters to use for instantiating Redis clients.

get_redis_client ()

Get redis client using values from instantiation time.

register_commands (*service, commands*)

Parameters

- **script** (*string*) – The script with extension that you are registering.
- **commands** (*list*) – A list of objects with name and description attributes used to reply to a commands query.

This will notify all `admin_spew_channels` of the script coming online when the script registers itself. It will also setup a subscription to the 'out' channel that listens for 'commands' to be sent to the bot and responds with the list of script, command name, and command description for all registered scripts.

send_admin_message (*message*)

Parameters **message** (*string*) – The message to send.

This is a helper function that sends the message to all of the channels defined in `admin_spew_channels`.

send_privmsg (*to, message*)

Sends a message to the specified channel(s)

Parameters

- **to** – A list or a string, if it is a list it will send to all the people or channels listed.
- **message** (*string*) – The message to send.

This is a helper so you don't have to handle the JSON or the envelope yourself.

`zenircbot_api.load_config(name)`

Loads a JSON file and returns an object.

Parameters `name` (*string*) – The JSON file to load.

Returns An native object with the contents of the JSON file.

This is a helper so you don't have to do the file IO and JSON parsing yourself.

JAVASCRIPT SPECIFIC EXAMPLES

Mer

PYTHON SPECIFIC EXAMPLES

Mer

INDICES AND TABLES

- *genindex*
- *modindex*
- *search*

PYTHON MODULE INDEX

Z

zenircbot_api, 3