OpDash API Reference – Python

OpDash Client API – opdash\_api.py

* RESTful API server that allows for the control of subscribed functions.

Dependencies:

* Flask (web server)
* EZsocket server (custom TCP socket library)
* Datetime (formatting dates and times)

Endpoints (whenever {host} / {port} is stated, replace with your IP / port values)

* http://{host}:{port}/status (GET)
  + Get all connected clients attached to socket server.

Example:

[

    {

        "ID": "659c51c257883ccf",

        "info": {

            "ip": "127.0.0.1",

            "name": "TESTPC",

            "os": "Windows 10 v10.0.18362",

            "time": "12:00:00 - 1/1/2025"

        }

    }

]

* http://{host}:{post}/status/{clientID} (GET)
  + Get information on a certain ClientID specified in the main call to status (see above).

Example:

{

    "ID": "659c51c257883ccf",

    "info": {

        "subscribed": [

            {

                "args": [

                    [

                        "number",

                        "int"

                    ],

                    [

                        "name",

                        "str"

                    ]

                ],

                "description": "This is a description.",

                "title": "This is a title.",

                "token": "28b62ee222ff7122173aec71e311aa"

            }

        ],

        "sys\_info": {

            "ip": "127.0.0.1",

            "name": "TESTPC",

            "os": "Windows 10 v10.0.18362",

            "time": "12:00:00 - 1/1/2025"

        }

    }

}