

MeetPy API

Python script running server API Guide

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History Table

Version	Date	Description
0.1	Apr 05	Initial creation

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1 HTTP endpoints

1.1 Version

Return version of running instance.

API Description

URL	/version
Example	http://localhost:8888/version
Method	GET
Response Example	<pre>{ "version": "0.1" }</pre>

1.2 Places

Return list of configured places (taken from config.json).

API Description

URL	/places
Example	http://localhost:8888/places
Method	GET
Response Example	<pre>[{ "folder": "/home/mrjbee", "name": "home" }]</pre>

1.3 Files

Return list of files under specific folder.

API Description

URL	/files
Example	http://localhost:8888/files
Method	GET
Header: path	/home/mrjbee (Specific folder)
Response Example	<pre>[{</pre>

```

    "is_file": true,
    "path": "/home/mrjbee/Documents/date_today.xcf",
    "size": 41814
  },
  {
    "is_file": true,
    "path": "/home/mrjbee/Documents/test.xcf",
    "size": 172255
  },
  {
    "is_file": true,
    "path": "/home/mrjbee/Documents/server",
    "size": 956
  }
]

```

1.4 Commands

Return list of available commands to perform (placed in specific folder, aka commands).

API Description

URL	/commands
Example	http://localhost:8888/commands
Method	GET
Response Example	<pre> [{ "about": "Hello World Greeting test script", "id": "hello_world", "title": "Greetings" }] </pre>

1.5 Command Details

Return command details.

API Description

URL	/command/{command id}
Example	http://localhost:8888/command/hello_world
Method	GET

Response Example	<pre>{ "about": "Hello World Greeting test script", "args": [{ "about": "Your name goes here Hello to you", "id": "name", "len": -1, "required": true, "type": "text" }], "id": "hello_world", "title": "Greetings" }</pre>
------------------	---

1.6 Execute command. Create task

Initiate command execution by creating command task.

API Description

URL	/tasks
Example	http://localhost:8888/tasks
Method	POST
Request Example	<pre>{ "command_id" : "hello_world", "args" : { "name": "mrjbee" } }</pre>
Response Example	<pre>{ "details": null, "results": [{ "title": "Say Hello", "type": "message", "value": "Hello mrjbee ! I`m pybee server" }], "success": true }</pre>

Configuration

Apply user specific configuration

Create file config.user.json (if not exist) and overwrite tom-most items, see example below.

```
{
  "port": 8888,
  "places":[
    {
      "id":"home",
      "folder":"/home/mrjbee"
    }
  ]
}
```

Appendix

Wget: GET request usage example

GET request with custom header with printing result out on console

```
wget -S -O - --header "path:/home/mrjbee/Documents" localhost:8888/file
```

Curl: POST request with JSON body example

Post request with json body with printing result out on console

```
curl -v -H "Content-Type: application/json" -X POST -d '{"command_id":"hello_world","args":  
  ["name":"mrjbee"]}' http://localhost:8888/tasks
```