

---

# **Mock Server Documentation**

*Release 0.3.2*

**Tomas Hanacek**

**Jul 25, 2018**



---

## Contents

---

<b>1</b>	<b>DEMO</b>	<b>3</b>
<b>2</b>	<b>Installation</b>	<b>5</b>
<b>3</b>	<b>Overview</b>	<b>7</b>
<b>4</b>	<b>Features</b>	<b>9</b>
<b>5</b>	<b>Format</b>	<b>11</b>
<b>6</b>	<b>Bug report</b>	<b>13</b>



Simple mock server for REST and XML-RPC API

It can mock GET, POST, PUT, PATCH, DELETE and some more rarely used HTTP methods.



# CHAPTER 1

---

DEMO

---

[http://demo.mockapi.org/\\_\\_manage](http://demo.mockapi.org/__manage)





## CHAPTER 2

---

### Installation

---

Install with pip:

```
$ pip install mock-server
```

Or install with easy\_install:

```
$ easy_install mock-server
```

And after run:

```
$ mock-server --dir=/path/to/api
```

It will be listening on port 8888 and wait for your HTTP requests.



For create mock for url path go to:

[http://localhost:8888/\\_\\_manage/create](http://localhost:8888/__manage/create)

Mocked GET /user/tom:

```
$ curl -v -X GET http://demo.mockapi.org/user/tom
> GET /user/tom HTTP/1.1
> Host: demo.mockapi.org
> Accept: */*
>
< HTTP/1.1 200 OK
< Access-Control-Allow-Origin: *
< Content-Type: application/json; charset=utf-8
< Content-Length: 64
< Server: TornadoServer/2.4.1
<
{
  "name": "Tom",
  "surname": "Smith",
  "age": 22
}
```



## CHAPTER 4

---

### Features

---

- Mocking REST API.
- Mocking RPC API (xml, json).
- Upstream server proxy (proxy an existing api).
- Variables in url path.
- Simple api documentation (markdown).
- Api authentication (HTTP Basic authentication).



response content format: %METHOD%\_%STATUS%.%FORMAT%

response headers format: %METHOD%\_H\_%STATUS%.%FORMAT%

```
root_dir/  
  GET_200.json      # response content for GET /  
  GET_H_200.json   # headers for GET /  
  user/  
    DELETE_404.xml # response content for DELETE /user.xml?__statusCode=404  
    POST_200.json  # response content for POST /user  
    POST_H_200.json # headers for POST /user
```





## CHAPTER 6

---

### Bug report

---

If you have any trouble, report bug at GitHub Issue <https://github.com/tomashanacek/mock-server/issues>