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# Setting up REST API service on your local machine

In-case you wish to practice API scripting using these API’s then you can use below two methods.

1. Download and install hoverfly ([LINK](https://hoverfly.io/))

Use below command to run hoverfly on win. You need to be in hoverfly folder (C:\hoverfly\_bundle\_windows\_amd64) to run below command

hoverctl start --listen-on-host 0.0.0.0 webserver --import simulation\_800\_1000\_2000.json

Make sure you have below file under hoverfly folder (C:\hoverfly\_bundle\_windows\_amd64)



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1. Pull the docker image from docker hub and run it on your local machine.

Use below command to run this REST API service on your local machine

docker run -it -p 8888:8888 -p 8500:8500 d752892/rest-api-demo

or

winpty docker run -it -p 8888:8888 -p 8500:8500 d752892/rest-api-demo

$ winpty docker run -it -p 8888:8888 -p 8500:8500 d752892/rest-api-demo

Unable to find image 'd752892/rest-api-demo:latest' locally

latest: Pulling from d752892/rest-api-demo

Digest: sha256:de41ff5c8dfcb0653fa9408150bd5091bce48e5ce5c3accb44a60fc7c386703e

Status: Downloaded newer image for d752892/rest-api-demo:latest

INFO[2020-07-13T07:18:14Z] Default proxy port has been overwritten port=8500

INFO[2020-07-13T07:18:14Z] Default admin port has been overwritten port=8888

INFO[2020-07-13T07:18:14Z] Listen on specific interface host=0.0.0.0

INFO[2020-07-13T07:18:14Z] Using memory backend

INFO[2020-07-13T07:18:14Z] payloads imported failed=0 successful=4 total=4

INFO[2020-07-13T07:18:14Z] Webserver prepared... Destination=. Mode=simulate WebserverPort=8500

INFO[2020-07-13T07:18:14Z] current proxy configuration destination=. mode=simulate port=8500

INFO[2020-07-13T07:18:14Z] serving proxy

INFO[2020-07-13T07:18:14Z] Admin interface is starting... AdminPort=8888

# API Specifications for “Generate Token” API

**Method**: POST

**Endpoint** : <http://localhost:8500/generate/token>

**Mandatory Headers:**

Content-Type: application/json

**Query parameters:**

scope : accounts

client\_id : username

client\_secret: password

grant\_type: client\_credentials

# API Specifications for “View Account Details” API

**Method:** GET

**Endpoint**: [http://localhost:8500/account/details/{AccountID}](http://localhost:8500/account/details/%7bAccountID%7d)

**Mandatory Headers:**

Content-Type: application/json

Authorization: valid token

# API Specifications for “Update Account Details” API

**Method:** POST

**Endpoint** :<http://localhost:8500/update/account/details>

**Mandatory Headers:**

Content-Type: application/json

Authorization: {token}

**Request Body**

{

"AccountId": "111",

"UpdatedBy": "Perf Test Coach",

"Mobile": "1111111111"

}