

# Simple Command Line Interface User Manual

Using the Command Line Interface, you can use the executors of the reference scenarios to:

- Start the executors, and export the statistics of reference scenarios instances (once they are finished);
- Generate a JSON file for reference scenarios to manage them through the Web Interface.

## Required set-up for a simple usage of the Command Line Interface

Please refer to the [introduction to OpenBACH-extra and OpenBACH API](#) for more information on the installation and usage of OpenBACH tool-box that let you manage your OpenBACH platforms.

This user manual considers that an OpenBACH platform (along with projects, entities, required jobs installed on agents) is set up.

## Generic usage of the Command Line Interface

The openbach-extra repository contains a folder where you can find executors for the [reference scenarios](#). The available list of executors can be found on the [GITLAB repository](#).

Using the `-h` flag on the command-line will show you what arguments are expected when using an executor. *e.g.*:

```
python3 executor_network_delay.py -h
```

You will then be able to identify the necessary arguments. There are then two possible actions:

- **run** : this action runs the selected scenario on the controller after optionally sending it;
- **build** : write the JSON of the selected scenario into a given repository for, *e.g.* future usage with the Web Interface.

Both actions have different options that can be listed through the `-h` flag as well. *e.g.*:

```
python3 executor_service_voip.py --server-entity SRV --server-ip 192.168.1.1 --server-port 12345 --client-entity CLT --client-ip 192.168.1.2 VoipProject run -h
```

From:

<https://wiki.net4sat.org/> - **Net4sat wiki**

Permanent link:

[https://wiki.net4sat.org/doku.php?id=openbach:manuals:2.x:user\\_manual:basic\\_user\\_cli:index](https://wiki.net4sat.org/doku.php?id=openbach:manuals:2.x:user_manual:basic_user_cli:index)

Last update: **2020/06/16 17:23**