



LOCUST

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Node.js / Python

**I'm not a test expert**

**Locust?**



# What is it?

Locust is an easy to use, scriptable and scalable performance testing tool.

You define the behavior of your users in regular Python code, instead of using a clunky UI or domain specific language.

<https://docs.locust.io/en/stable/what-is-locust.html>

# History

Locust was created originally to avoid pain points found mainly in JMeter and Tsung like impossibility of simulating thousands of users using threads and the complexity to write test cases.

<https://docs.locust.io/en/stable/history.html#history>

# Features

Write user scenarios in plain-old Python

Support hundreds of thousands of users

Web-based UI

Can test any system

Hackable



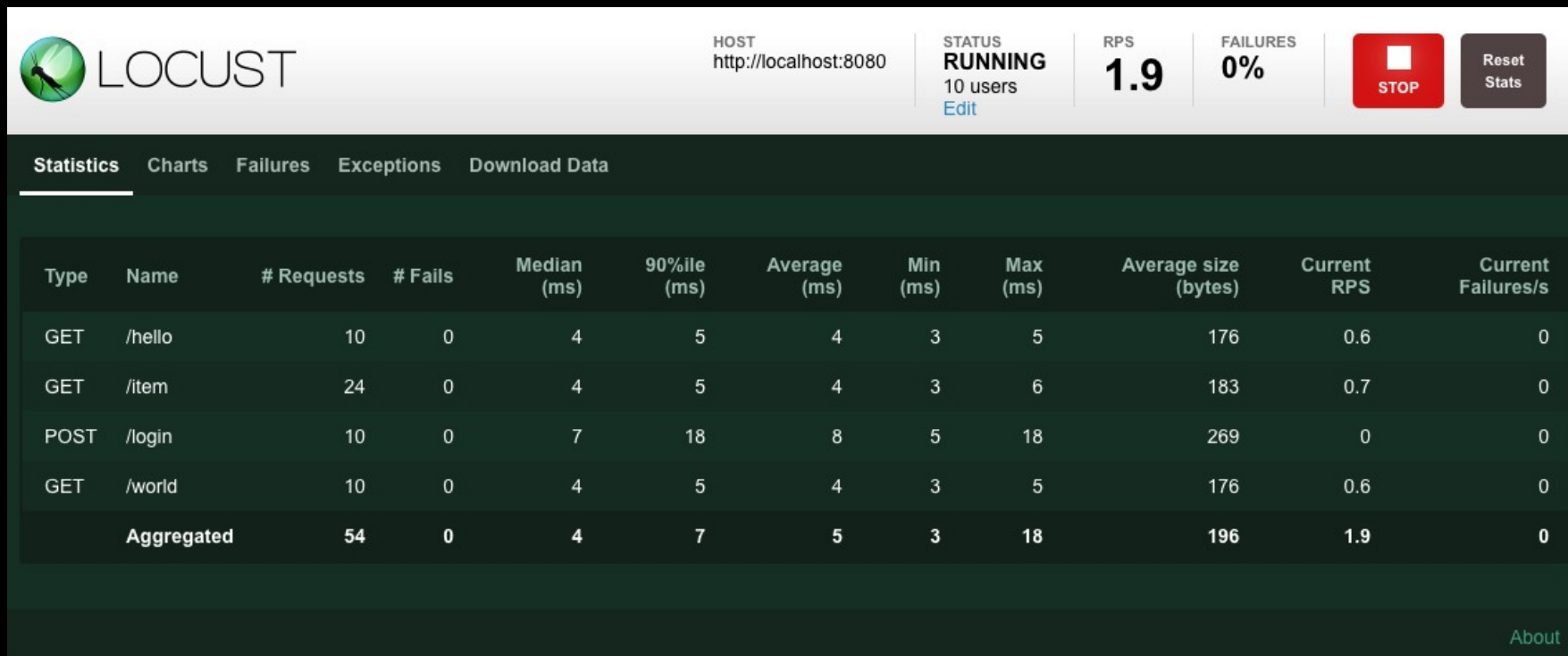
# Installation

Install Python3.6 or later + pip

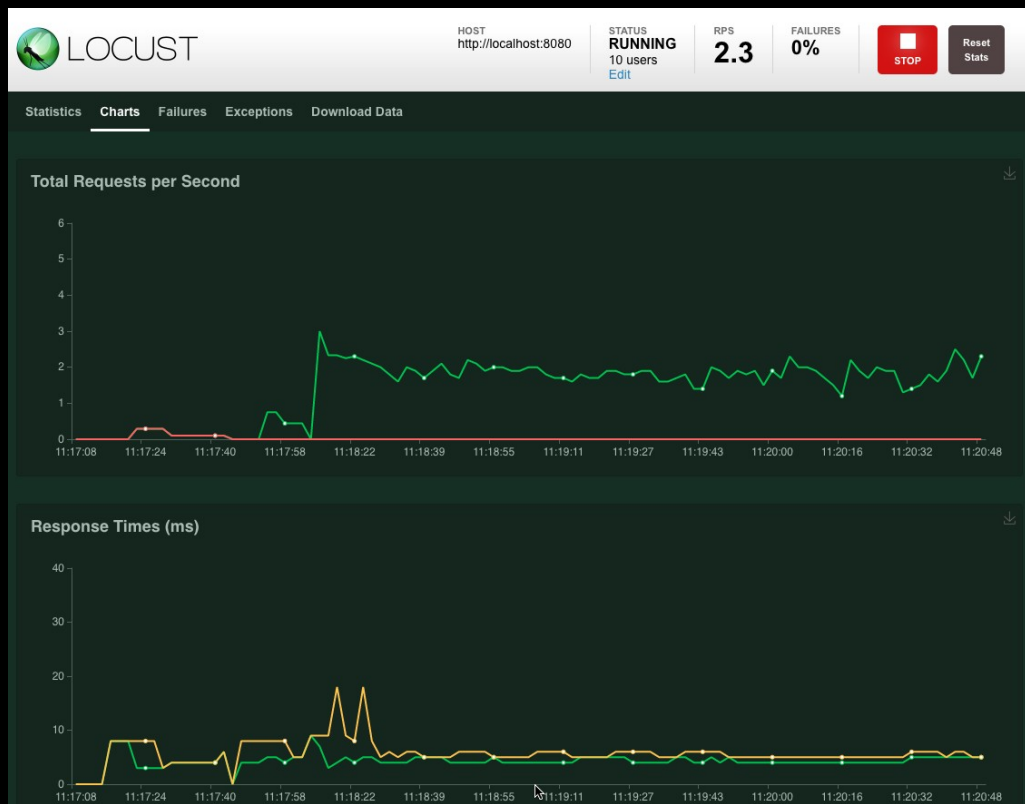
```
$ pip3 install locust
```

```
$ locust -V
```

# Web interface



# Web interface



# Running

Locust initializes a local server at

**<http://0.0.0.0:8089>**

```
$ locust -f <your_python_script.py>
```

# Clustering

```
$ locust -f test.py # normal
```

```
$ locust -f test.py --master
```

```
$ locust -f test.py --worker \  
--master-host=X.X.X.X
```

**Questions?**



“Talk is cheap. Show me the code.”

– Linus Torvalds –

# References

- <https://locust.io>
- <https://docs.locust.io>
- <https://docs.locust.io/en/stable/running-locust-docker.html>
- <https://github.com/bolzon/locust-loadtest>