Contents

How to execute multiple k6 scripts in k6?

Approach 1

If you are using Git(CI/CD), then recommend approach is to create separate job for each test. Do some logical grouping to create various stages.

```
1.      k6-test-1:
2.        cache: {}
3.        image:
4.          entrypoint:
5.            - ""
6.          name: loadimpact/k6
7.        only:
8.          - master
9.        script:
10.         - "k6 run ./tests/01-script.js --vus 5 --duration 5s" --out
           influxdb=http://localhost:8086/myk6db
11.      stage: test
12.        tags:
13.          - gitlab-org-docker

14.      k6-test-1:
15.        cache: {}
16.        image:
17.          entrypoint:
18.            - ""
19.          name: loadimpact/k6
20.        only:
21.          - master
22.        script:
23.          - "k6 run ./tests/02-options.js --vus 5 --duration 5s" --out
           influxdb=http://localhost:8086/myk6db
24.        stage: test
25.        tags:
26.          - gitlab-org-docker
27.      stages:
28.        – test
```

This is recommended way. You can clearly find test failures (from failed jobs) in CI/CD

Approach 2

Create bash file and execute it from bash

`start.sh`

```sh
#!/bin/sh
k6 run test1.js &
k6 run test2.js &
k6 run test3.js
```

Approach 3

Call test from start.js

At the moment, k6 only accepts one script file

Create `start.js` to call other tests

```js
import {sleep} from "k6";
import test1Spec from "../tests/test1 ";
import test2Spec from "../ tests /test2";

export default function() {
   test1Spec ();
   test2Spec ();
   sleep(2);
}
```

test1.js
```js
import {sleep} from "k6";
import http from "k6/http";

export default function() {
    http.get("http://www.google.com");
    sleep(2);
}
```

test2.js
```js
import {sleep} from "k6";
import http from "k6/http";

export default function() {
    http.get("http://www.rediff.com");
    sleep(2);
}
```

Approach 4

Use scenarios

Recently K6 released newer version 0.27. We are working to upload new video.

https://github.com/loadimpact/k6/releases/tag/v0.27.0