# Wizeline Academy Challenge 3

Artillery.io + FakeJS

# Challenge Description

In this challenge the goal is to create a test suite for the TODOIST API, using Artillery and FakeJS. Additionally, the test results will be captured in JSON and HTML report formats.

#### Exercises

**CRUD** - Build the basic workflow for create, read, update and delete.

**FAKE** - Build a basic create and delete workflow with randomly generated data.

## Package setup for test cases

```
package.json - wizeacademy2021 - Visual Studio Code
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                                                                         {} package.json ×
                                                                                                                                                                                                                                  ზ Ш ...
     > OPEN EDITORS
     ∨ WIZEACADEMY... [‡ 🛱 ひ 🗗
                                          "name": "artillerypackage",
      > jmt_challenge_one
                                          "version": "1.0.0",

√ jmt_challenge_three

                                         "description": "Third challenge of the Wizeline Academy training. Using Artillery.io and FakerJS.",
       > crudresults
       > fakeresults
       ! artilleryTodoist.yml
                                          "scripts": {
                                           "testCRUD": "artillery run --output ./crudresults/crudReport.json artilleryTodoist.yml && artillery report --output ./crudresults/crudReport.html ./crudresults/crudReport.json",
       ! fakeTodoist.yml
                                           "testFAKE": "artillery run --output ./fakeresults/fakeReport.json fakeTodoist.yml & artillery report --output ./fakeresults/fakeReport.json"
      {} package.json
      > jmt_challenge_two
                                         "author": "Juan Tijerina",
      > Postman
                                         "license": "ISC"
      > testcafe

    README.md

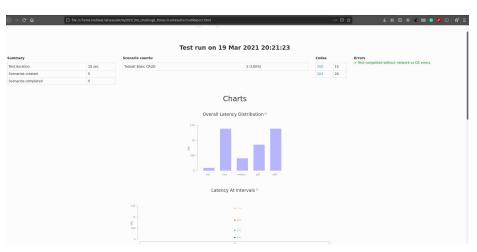
      Wizeline Academy Challenge .
```

#### Important!

Execution requires a Todoist bearer token to be exported.

### **Execution of the CRUD test**

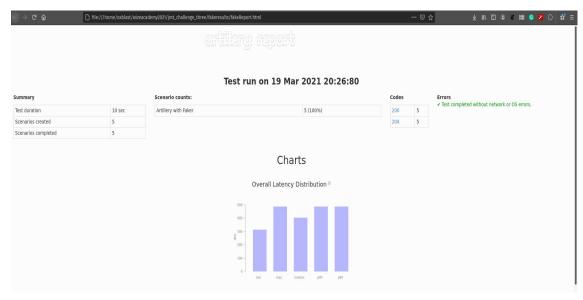
```
ROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
oxblast@pop-os:~/wizeacademy2021/jmt challenge three$ npm run testCRUD
```



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```

### FakerJS execution test

```
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port generated: ./crudresults/crudReport.html
           s:~/wizeacademy2021/jmt_challenge_three$ npm run testFAKE
```



Plugin required: npm install -g artillery-plugin-faker

Started phase 0 (BasicLoad), duration: 5s @ 20:26:42(-0700) 2021-03-19
... Create meeting 4674542600 with Antwon on "2021-08-18T23:42:19.855Z"
Deleting meeting 4674542600 with Antwon on "2021-08-18T23:42:19.855Z"
Create meeting 4674542610 with Ciara on "2021-03-29T13:34:05.524Z"
Deleting meeting 4674542610 with Ciara on "2021-03-29T13:34:05.524Z"
Create meeting 4674542629 with Otho on "2022-02-06T22:50:26.653Z"
Deleting meeting 4674542632 with Otho on "2022-02-06T22:50:26.653Z"
Create meeting 4674542632 with Warren on "2021-07-24T22:40:59.243Z"
Deleting meeting 4674542632 with Warren on "2021-07-24T22:40:59.243Z"
Create meeting 4674542631 with Bernice on "2022-03-18T19:11:28.759Z"
Deleting meeting 4674542641 with Bernice on "2022-03-18T19:11:28.759Z"