

WeTransfer Tech Test

Automation Testing using WebDriver.IO Framework / Node JS / WebDriver API

Running Tests using Docker

Prerequisites

- Docker Desktop - <https://www.docker.com/products/docker-desktop>

Building containers

Open up a terminal and navigate to the root path of this repository. Then:

```
docker build -f Dockerfile.linux.environment --tag=tech-test-base .
```

```
docker build --tag=tech-tests .
```

Run tests

```
docker-compose run --rm tests
```

NOTE: set environment variables in .env file as required. You can pass through WebDriverIO Arguments/Options in here.

For help with options see: <https://webdriver.io/docs/clioptions.html>

For help with tags see: <https://github.com/webdriverio/webdriverio/tree/master/packages/wdio-cucumber-framework>

Running Tests using Docker and NodeJS

Prerequisites

- NodeJS v12/14/LTS - <https://nodejs.org/en/download/>
- Docker Desktop - <https://www.docker.com/products/docker-desktop>
- Windows users: after installing nodeJS, also install build-tools as an admin i.e. `npm i -g windows-build-tools`

Install dependencies

Open up a terminal and navigate to the root path of this repository. Then:

```
npm i
```

Building containers

```
npm run docker:build
```

Run tests

```
npm run docker:test
```

NOTE: set environment variables in .env file as required. You can pass through WebDriverIO Arguments/Options in here. For which options are available see: <https://webdriver.io/docs/clioptions.html>

Running Tests using NodeJS

Prerequisites

- Chrome v88 - <https://www.google.co.uk/chrome/>
- Java v8 or greater -<https://adoptopenjdk.net/>
- NodeJS v12/14/LTS - <https://nodejs.org/en/download/>
- Windows users: after installing nodeJS, also install build-tools as an **admin** i.e. `npm i -g windows-build-tools`

Install dependencies

Open up a terminal and navigate to the root path of this repository. Then:

```
npm i
```

Run tests

```
npm run chrome
```

Reports

These are generated in the 'reporting' folder - just open 'index.html' to access them after running the tests.

Managing WebDriver Versions

You can change/update version of Selenium Server and associated webDrivers in [selenium-webdriver-versions.json](#)

VSCode Cucumber Plugin

You may want to use [this](#) plugin in VSCode to help with writing feature files

Behind a Proxy

You may need to set NO_PROXY=127.0.0.1 and/or the relevant HTTP_PROXY/HTTPS_PROXY environment variables.