# WeTransfer Tech Test

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

## Running Tests using Docker only

### 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

## Running Tests using Docker and NodeJS

### Prerequisites

- NodeJS v10/12/14
- Docker Desktop
- Docker Compose

### Install dependencies

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

```
npm i
```

### Building containers

```
npm run docker:buid
```

### Run tests

```
npm run docker:test
```

NOTE: set environment variables in .env file as required

## Running Tests using NodeJS

## Prerequisites

- Chrome v88
- Java v8
- NodeJS v10/12/14
- Windows users: after installing node, 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=127.0.01 and/or the relevant HTTP_PROXY/HTTPS_PROXY variables.