U.PORTO

FEUP FACULDADE DE ENGENHARIA
UNIVERSIDADE DO PORTO

Mestrado em Engenharia Informática e Computação

Teste, Verificação e Validação de Software

2021/2022 | 1º Semestre

ACCEPTANCE TESTING

Installation Guide

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Introduction

The following guide presents information on how to set up the environment for the practical class on Acceptance Testing.

Requirements

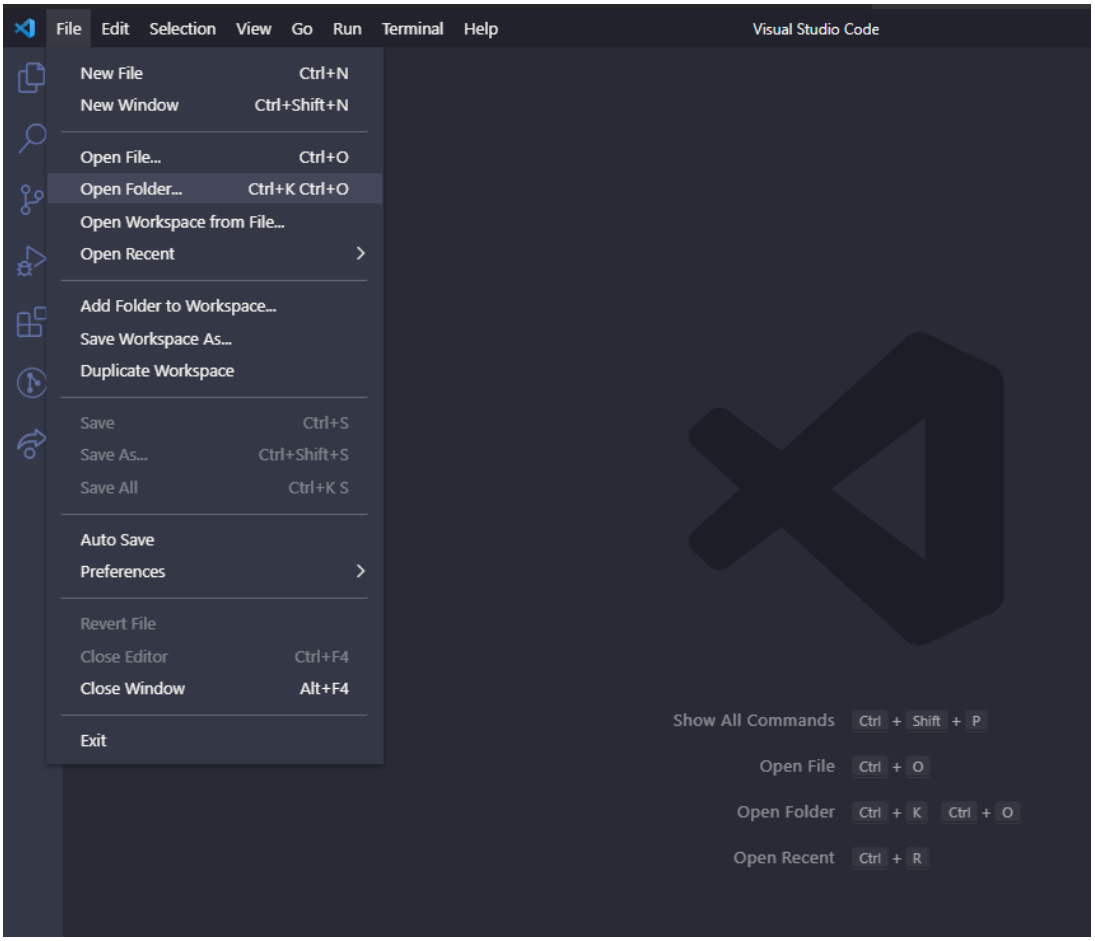
The following tools must be installed on your computer as preparation for the practical class:

- Visual Studio Code, or another code editor of your choice. If you choose VSCode, it is recommended to install the Cucumber (Gherkin) Full Support extension.
- Git
- Node.js / npm

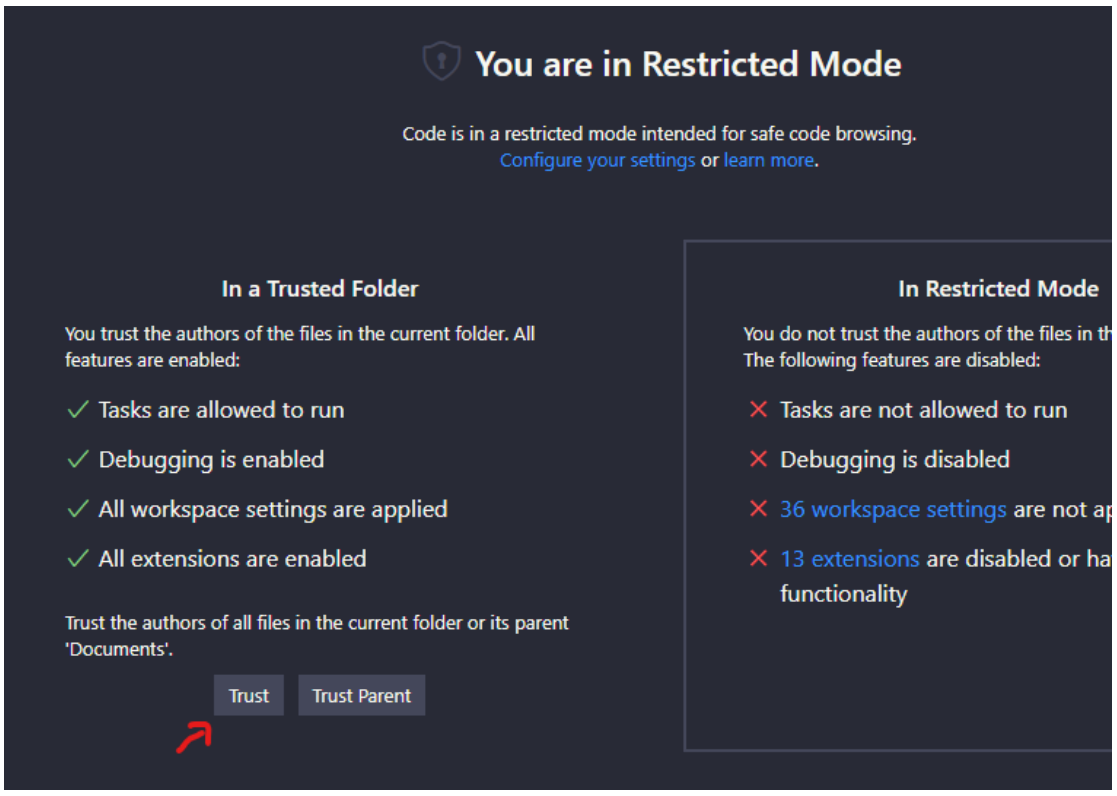
Setup

After installation, use the following steps to configure the project on your computer:

1. Clone the repository with the source code using git, or download it directly from Github
2. Open the project in Visual Studio Code:
    a. Open Visual Studio Code
    b. When Visual Studio Code is loaded, open the project cloned by clicking on File > Open Project:



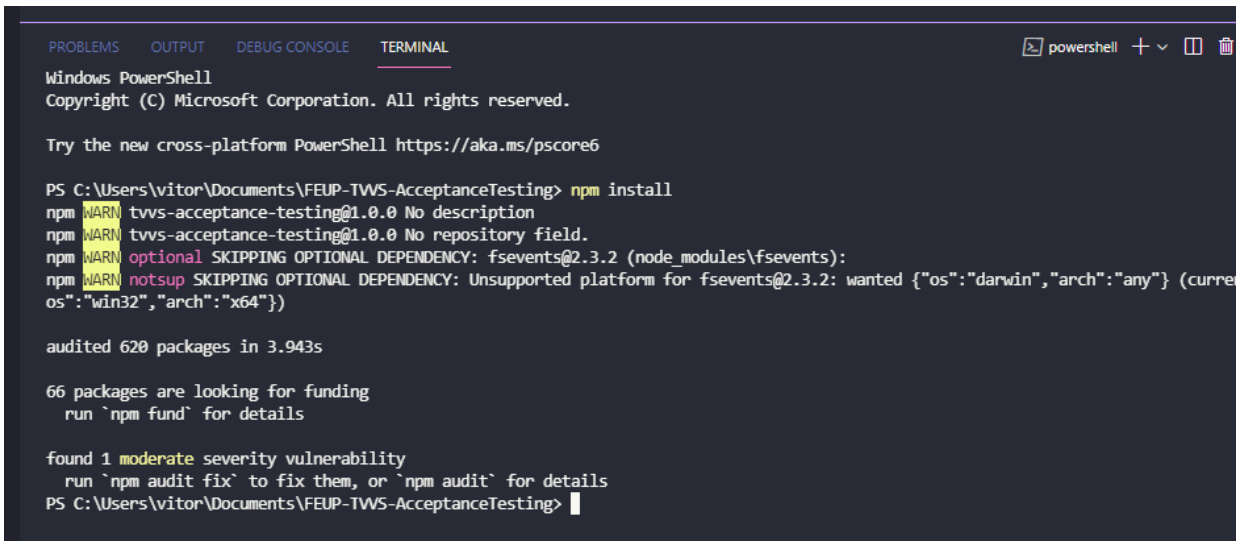
c. When the project finishes opening and if the Workspace Trust window opens press the “Trust” button



3. Install the necessary packages and run the test scripts to verify that everything is as expected:

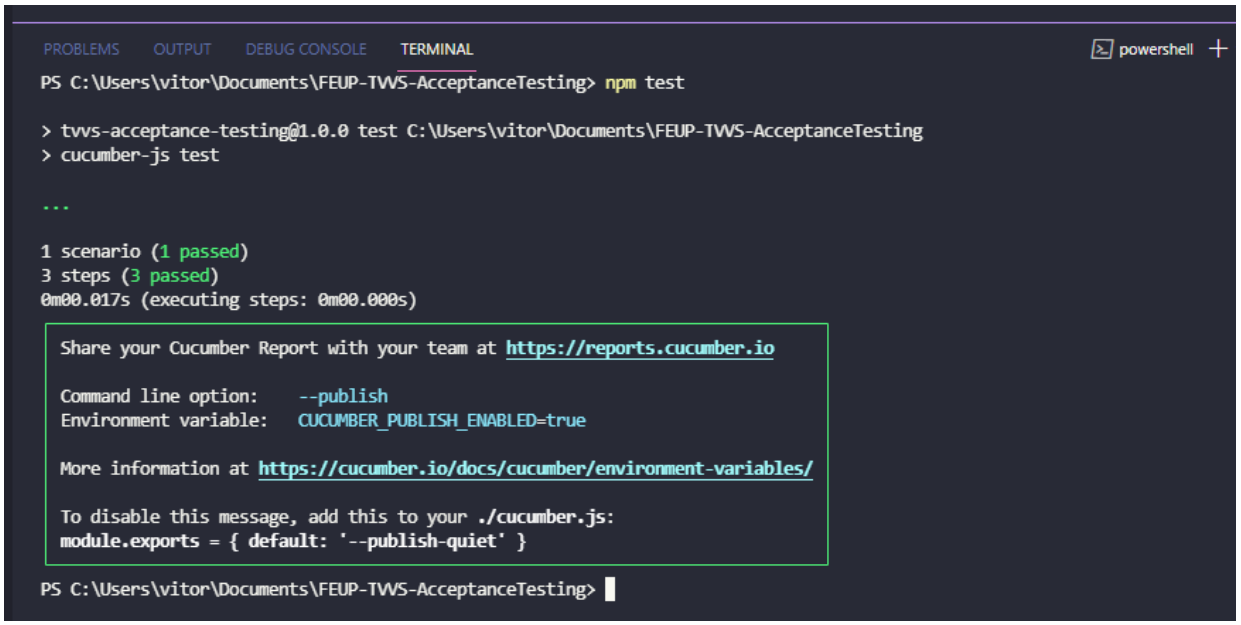
    a. Execute the following command in order to install the necessary packages

```
$ npm install
```



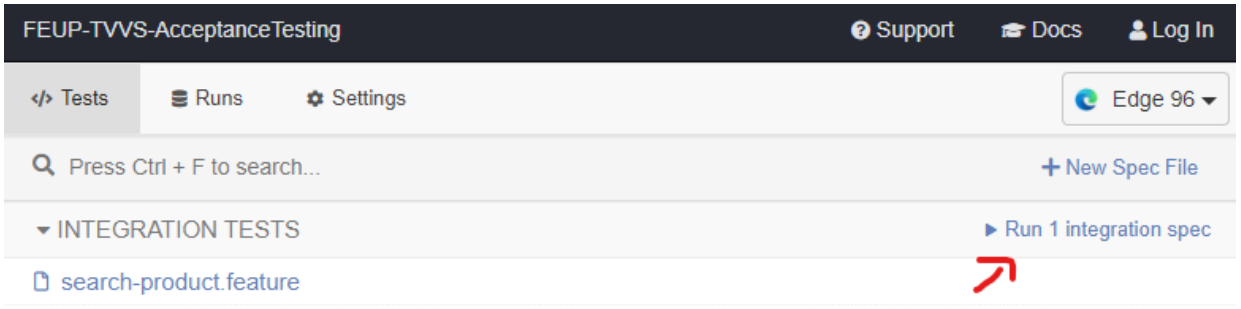
    b. Run the test using the following command and verify if the result is the expected

```
$ npm test
```



c. Finally, run the UI test using the following command. This will open a window with all the features to test

```
$ npm run cypress:open
```



To run the UI automation click the button pointed out in the previous image and a new browser window will be opened and you will be able to see the execution