

Project Overview

Concerns

- Compatibility: The code has been developed and tested on Mac M1. Considering point number 3 on Implementation Requirements, may need to make adjustments to the code or configuration based on the differences, to ensure the code works correctly on all platforms.
- Usability: The headless mode is implemented, thus a lack of ability to visually see the test run hence running the test in a non-headless mode will be recommended.

Decisions

- Performance: The headless mode is implemented to reduce the time of execution and minimise human interaction in the test.
- Execution: The program is developed as a Console Application instead of a NUnit Test Project.

Testing

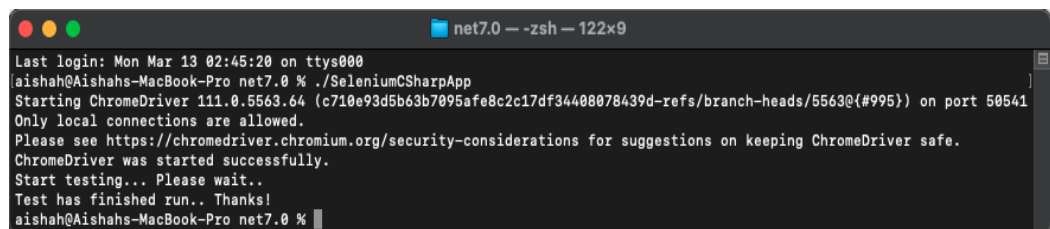
Run the program on the terminal:

1. Open a new terminal in the folder containing "SeleniumCSharpApp.exe" file.
2. Run the command "./SeleniumCSharpApp".
3. Expected result: Program running.

Run the program on Visual Studio:

1. Initial setup:
 - a. Pre-conditions:
 - The device used: Mac.
 - Has no Homebrew installed.
 - Has no Visual Studio installed.
 - b. Steps:
 - Open the terminal in the folder containing the file "installation.sh".
 - Run the command "./installation.sh".
2. Open the project solution.
3. Click on the F5 button.
4. Expected result: Program building and running.

Expected result (screenshot) at the terminal:

A terminal window titled 'net7.0 - zsh - 122x9' showing the execution of the SeleniumCSharpApp. The output text is as follows:

```
Last login: Mon Mar 13 02:45:20 on ttys000
aishah@Aishahs-MacBook-Pro net7.0 % ./SeleniumCSharpApp
Starting ChromeDriver 111.0.5563.64 (c710e93d5b63b7095afe8c2c17df34408078439d-refs/branch-heads/5563@{#995}) on port 50541
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Start testing... Please wait..
Test has finished run.. Thanks!
aishah@Aishahs-MacBook-Pro net7.0 %
```