ITERA

Playwright installation guide (Windows)

In this guide we will cover the default approach of installing Playwright onto your windows machine – via npm[1]. We also **strongly recommend** that you use **Visual Studio Code** as the IDE, since Microsoft offers a Playwright extension that combines well with the framework.

Installing Playwright via npm

Note that Playwright requires Node.js 18 or above. Download the latest version of Node here. You can choose either 'Current' (Newest) or 'LTS' (Long Term Support) version, both will work the same for the rest of the steps.

- To verify that node has been installed correctly, open a command prompt and type in 'node -v', you should see the version that you have chosen.

Create a folder anywhere on your computer, we will be installing Playwright there. For example:



Navigate to that folder using either the built-in terminal of VS Code, or a standard command prompt. Type in: **npm init playwright@latest**



[1] NPM is short for *Node Package Manager*. It allows you to install JavaScript applications and libraries, like Cypress or Playwright.

You will be prompted to select the following options before installation, select:

- Do you want to use TypeScript or JavaScript? » **TypeScript**
- Where to put your end-to-end tests? » **tests**
- Add a GitHub Actions workflow? (y/N) » **false**
- Install Playwright browsers (can be done manually via 'npx playwright install')? (Y/n) » **true**

When you are done, the command window should look something like this:



The playwright folder should look something like this:



Now you can open the folder in your IDE, and you are ready to start coding!

Installing Microsoft Playwright Extension for VS Code:

If you are using VS Code for the upcoming exercises, Microsoft has created an extension exclusively for Playwright. Open VS Code and navigate to ‘Extensions’:



Search for ‘Playwright’ in the marketplace, and you should see the extension created officially by Microsoft:



Install the extension, meanwhile you can click on the title of the extension and get an overview of its functionalities offered:

