

Exercise 3 - Hello World

Objective

To use the Angular CLI tool to set up a new Angular application and use its live reload capability to see changes we make, as we make them.

Overview

You'll find an empty starter folder associated with this exercise, using command line tools we are going to install Angular CLI and then use this to create our first application within this starter folder.

Instructions

1. Open the command prompt (terminal on a mac) and ensure your current working directory (CWD) is the starter folder for this exercise. The folder should currently be empty.
2. Using npm install the Angular CLI globally
3. Now using the Angular CLI initialise a new Angular application called "hello-world". Be patient as this step can take a few minutes.
4. Once the CLI says it has successfully created your application, move your CWD to the new sub-folder it has created and using the CLI serve up your new application.
5. You should be presented with an angular webpage when you navigate to the url provided by the CLI
6. Open the file `src/app/app.component.html` and below the `h1` element add a paragraph that reads "hello world" - the browser will refresh with the new content.
7. You'll notice though that the CLI hasn't output any JavaScript files. Everything is still in its TypeScript form (which as you know, the browser can't understand!). In order to deploy this project we need to run a different command: `ng build`
8. Run `ng build` to build your project and inspect the output `/dist` folder.