

Angular Workshop

Software Requirements

- 1) Node.js (<https://nodejs.org/en/>)
 - a) Required for installing Angular CLI, TypeScript, JSON Server, HTTP Server and other dependencies required for the workshop
- 2) Angular CLI (<https://cli.angular.io/>)
 - a) A command line interface for creating and managing Angular applications
 - b) Install it globally using "npm install -g @angular/cli" command in command window or terminal
 - c) Check the URL for more information
- 3) TypeScript compiler (<http://www.typescriptlang.org>)
 - a) TypeScript is a typed superset of JavaScript that compiles to plain JavaScript. The command-line TypeScript compiler can be installed as a Node.js package
 - b) Install it globally using " npm install -g typescript" command in command window or terminal
 - c) Check the URL for more information
- 4) JSON Server (<https://www.npmjs.com/package/json-server>)
 - a) Allows us to expose JSON data as REST API
 - b) This is required for demonstrating client-server communication
 - c) Install it globally using "npm install -g json-server" command in command window or terminal
 - d) Check the URL for more information
- 5) HTTP Server (<https://www.npmjs.com/package/http-server>)
 - a) A simple, zero-configuration command-line http server
 - b) Used for testing, local development, and learning
 - c) Install it globally using "npm install -g http-server" command in command window or terminal
 - d) Check the URL for more information
- 6) Code Editor
 - a) Visual Studio Code (<https://code.visualstudio.com/>)
- 7) Browser - Google Chrome
 - a) Preferred because of easier debugging