

React Workshop Lab Setup

Software Requirements

- 1) Node.js (<https://nodejs.org/en/>)
 - a) Required for installing JSON Server and Create React App CLI mentioned below
- 2) Create React App (<https://github.com/facebook/create-react-app>)
 - a) A command line interface for creating and managing React applications
- 3) 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
 - d) Check the URL for more information
- 4) HTTP Server (<https://www.npmjs.com/package/http-server>)
 - a) A simple, zero-configuration command-line http server used for testing, local development, and learning
 - b) Install it globally using "npm install -g http-server" command
- 5) Code Editor (any one)
 - a) Visual Studio Code (<https://code.visualstudio.com/>)
 - b) Sublime Text (<https://www.sublimetext.com/>)
 - c) Any other editor of your choice
- 6) Browser
 - a) Google Chrome
 - i) Preferred because of easier debugging
 - b) Mozilla Firefox

React Dev Tools

- An extension that allows inspection of React component hierarchy in the Chrome and Firefox Developer Tools
 - <https://github.com/facebook/react-devtools>

Redux Dev Tools

- <https://github.com/zalmoxisus/redux-devtools-extension>
- <http://extension.remotedev.io/>
- <https://hacks.mozilla.org/2017/07/debug-react-redux-firefox-add-ons/>