

Create React App

Monday, March 21, 2022 4:18 PM

Option #1

Step #1.1 Install create-react-app as a global utility in your computer

```
c:\> npm i --global create-react-app
```

- No entry made to package.json
- It is not for one project but you can use for any number of project
- It creates a simple react application

Step #1.2 create a new React app by following the command

```
c:\workspace>create-react-app hello-react-app --use-npm
```

- If your computer contains both npm and yarn, use the option --use-npm to force it using npm
 - Default is yarn
- To be on the safer side using add --use-npm to your command line

Option #2 — use npx command

- Allows you to use create-react-app without installing it explicitly

```
c:\workspace> npx create-react-app hello-react --use-npm
```

What does Create React App do?

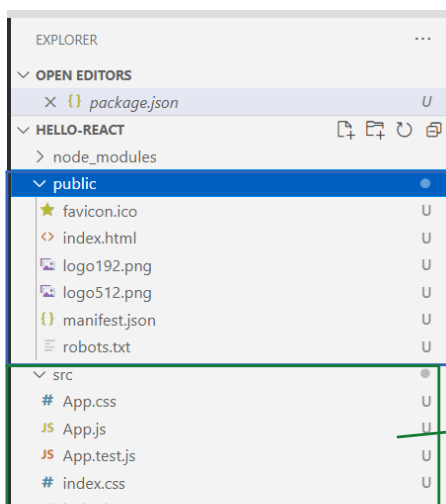
- It generates a simple project with
 - Proper directory structure
 - Required packages with default configuration
 - Web pack
 - Babel

Important

- You don't see babel, webpack or webpack.config.js in your project
- They are wrapped internally under react-script command
- We can babel/webpack version if we run command

```
c:\workspace\react-app> npm run eject
```

- This will permanently change project structure.
- We don't need to do this step



- Static files like
 - Index.html
 - favicon.ico
 - Any css file that we may create
 - Images that we may need

- Our entire React Application will be created here
- Important files
 - Index.js <--- program starts here
 - App.js <--- The app component we need

message	U
logo.svg	U
JS reportWebVitals.js	U
JS setupTests.js	U
.gitignore	U
package-lock.json	U
package.json	U
README.md	U