

## ***Basic commands required in React JS.***

**Create-react-app** is the best way to start building a new single-page application in React.

It sets up your development environment so that you can use the latest JavaScript features, provides a nice developer experience, and optimizes your app for production.

npm is the package manager for the Node JavaScript platform. It puts modules in place so that node can find them, and manages dependency conflicts intelligently. It is extremely configurable to support a wide variety of use cases. Most commonly, it is used to publish, discover, install, and develop node programs.

Run `npm help` to get a list of available commands.

### **command for creating react app:**

- `npx create-react-app <app-name>` (creates app in whatever name you give).
- `cd <app-name>` (takes you to the path of the created project)
- `npm install` (installs all modules that are listed on package.json file and their dependencies)
- `npm start` (starts app in localhost:3000)

A **dependency** is just a package that your project uses. Very few javascript projects are entirely self-contained. When your project needs code from other projects in order to do its thing, those other projects are "dependencies"; your project *depends on them* to run. When you install third-party packages via `npm install <package>`, you're adding a dependency. Your project's `package.json` file includes a list of your project's dependencies.

### **Installing the dependencies:**

- `npm install <package-name> --save-dev` (`--save-dev` saves package in dev-dependencies in `package.json`).