

Installation Of React Js

Main is the installation and configuration

We have personally worked with React in my projects and probably will continue to work with it in the future. One of the steps that many people struggle with is the installation/configuration process of React.

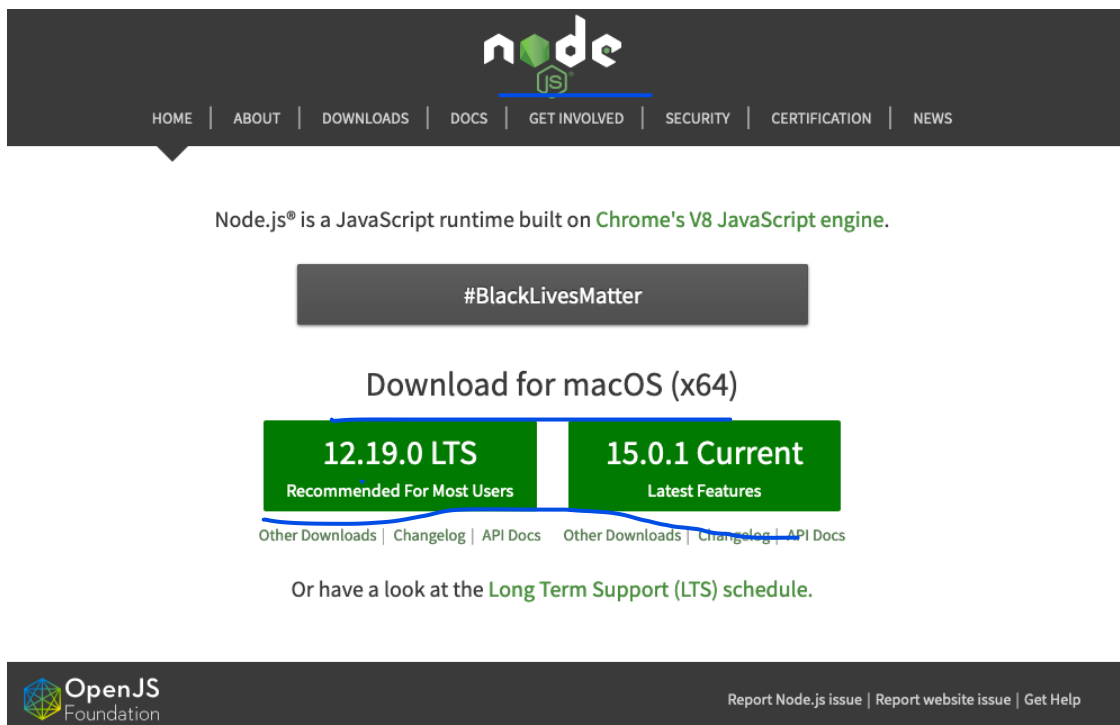
So let's start with the basics. In this Note, you are going to learn how to install and run a React application the easy way.

● How to Download & Install Node.js

First of all, you are going to need NPM (or Yarn, alternatively).

Let's use **NPM** for this example.

If you don't have it installed on your system, then you need to head to the official Node.js website to download and install Node, which also includes NPM (Node Package Manager).



The screenshot shows the Node.js website. At the top is the Node.js logo and a navigation bar with links: HOME, ABOUT, DOWNLOADS, DOCS, GET INVOLVED, SECURITY, CERTIFICATION, and NEWS. Below the navigation bar is a statement: "Node.js® is a JavaScript runtime built on Chrome's V8 JavaScript engine." Underneath this is a dark grey button with the text "#BlackLivesMatter". Below the button is the text "Download for macOS (x64)". There are two green buttons: "12.19.0 LTS Recommended For Most Users" and "15.0.1 Current Latest Features". Below these buttons are links: "Other Downloads | Changelog | API Docs" for both versions. At the bottom, there is a link: "Or have a look at the Long Term Support (LTS) schedule." The footer contains the OpenJS Foundation logo and links: "Report Node.js issue | Report website issue | Get Help".

Select the "**Recommended For Most Users**" button and download the current version for your operating system.

After you download and install Node, start your terminal/command prompt and run **node -v** and **npm -v** to see which versions you have.

not installed

```
Cem-MacBook-Pro:Desktop cem$ node -v
v12.19.0
Cem-MacBook-Pro:Desktop cem$ npm -v
6.14.8
```

Your version of NPM should be at least **5.2.0** or **newer** because **create-react-app** requires that we have **NPX** installed. If you have an **older version** of NPM, run this command to update it:

not pre-installed

```
npm install -g npm
```

What is create-react-app?

Since it is **complicated** and takes a lot of time, we don't want to **configure React manually**. **create-react-app** is a much easier way which does all the configuration and necessary package installations for us automatically and starts a new **React app locally**, ready for development.

Another advantage of using create-react-app is that you don't have to deal with **Babel** or **Webpack** configurations. All of the necessary configurations will be made by **create-react-app** for you.

According to the React documentation, create-react-app is one of the officially supported ways to create single-page applications in React.

Create-react-app

In Upcoming Notes, We will see how to use create-react-app for making our **First react web app**.

command for create react app

`npx create-react-app myfirstreactapp`