

Guide to Setting Up NPM and Running a React Build

This comprehensive guide is intended for you who have no prior experience in setting up npm or running a React build. Follow these steps to get started.

1. Installing Node.js and npm

Node.js is a runtime environment that allows you to run JavaScript on the server side, and npm is its package manager.

Steps:

1. **Download Node.js:** Go to the [Node.js Official Website](https://nodejs.org/en/) and download the installer for your operating system (Windows, macOS, Linux).
2. **Install Node.js and npm:** Run the downloaded installer, following the on-screen instructions to install both Node.js and npm.
3. **Verify Installation:** To ensure Node.js and npm are installed correctly, open a terminal or command prompt and type:

```
node -v  
npm -v
```

This will display the installed versions of Node.js and npm, respectively.

2. Run the Build

1. **Serve the Application:** Install the `serve` package to serve your static site:

```
sudo npm install -g serve
```

2. **Start the Server:** Run the following command to start a static server:

In the submission directory, where exists the build files.

```
serve -s build
```

`-s` flag signifies serving static files. This command serves your React app from the `build` folder.

3. **Access the App:** Open your web browser and go to the URL shown in the terminal (commonly `http://localhost:3000`) to view your React app.

```
○ (base) weitaot@Taomac rent_visualization % serve -s build
```

Serving!

- **Local:** http://localhost:3000
- **Network:** http://10.68.43.47:3000

Copied local address to clipboard!

