Start a project

Let's run the project and see how our React app looks like. First we need to:

1. Access the subfolder that was created by **create-react-app** using the Command line/ Terminal.
2. Run the following command:

```
Desktop> cd myfirstapp

Desktop/myfirstapp> npm start
```

Tip: This command will run the script named "start" in the package.json.

The result:

The previous command will open the browser containing our React website.

Now, try to play around with the HTML that is inside the **App.js** file that you can find in the **src** folder.

Make sure you have a backup of the `App.js` file.

The project structure:

You might be wondering why the React project contains a lot of folders and files. We won't go through all of them, but we must understand the purpose behind some of them.

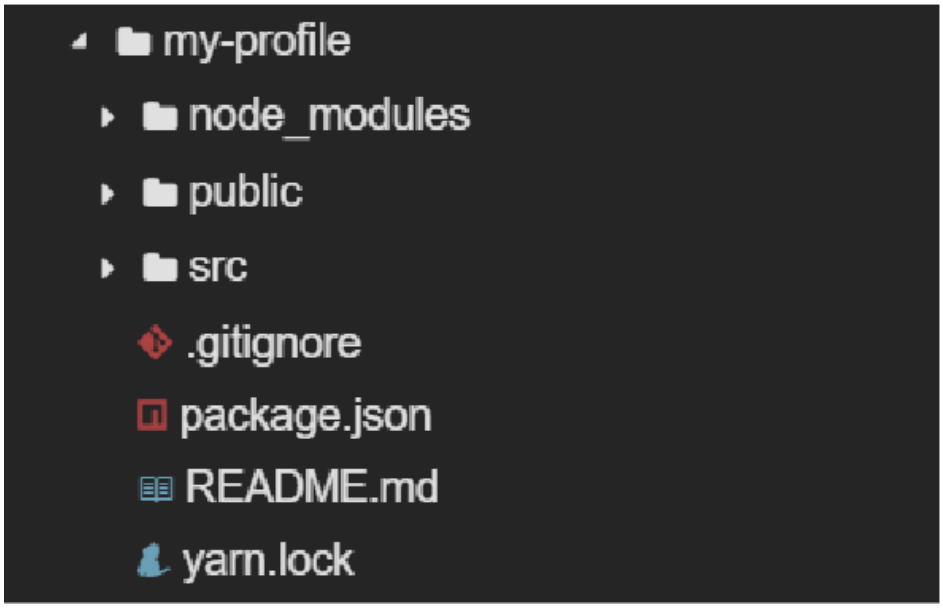
We can split these files into two sections.

1. **npm** related files

- **node_modules**
- **package.json**

2. **React** related files

- **public**
- **src**



The npm registry:

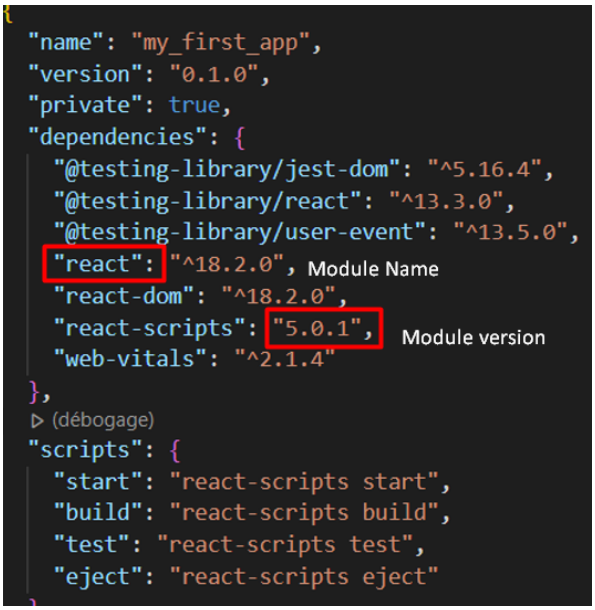
As you can see **npm** plays an important role in our React project.

Since it's a package manager, it will be in charge of installing all the packages that our project needs including: React, ReactDOM and others.

When creating the react app, npm will get all these packages from the **npm registry**. The registry contains all the packages that were published by developers.

npm files

- **Package.json:** a file contains all the names of the packages/dependencies we install in our project and their exact versions.



- **Node_modules:** A folder contains all of the dependencies installed in the project (including React).

Tip: If we accidently delete the nodemodules, we can always reinstall the packages from the package.json.

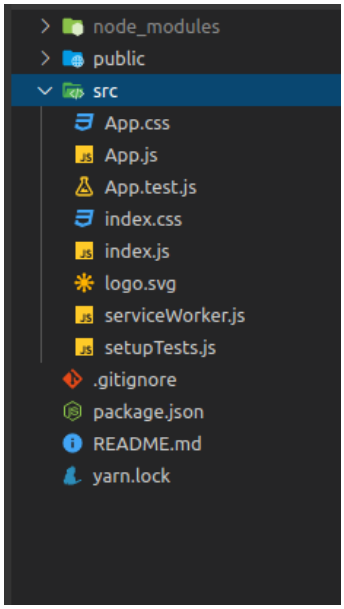
the **package.json** keeps track of all the packages we used. In fact, when sharing projects, we exclude the node_modules folder.

React files

- **Public folder:** is where we are going to put all of our images, SVGs, icons and all the assets that we need for our project.

  This folder contains an **index.html.** This file is the first and only HTML page that gets loaded when we access our website. It's the entry point to our project (it's a single-page application or SPA, like the one we've mentioned a while ago).

- **Source folder:** the src folder contains our code. We will be working on this directory most of the time.



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