This is the starter version of the Covalence React Boilerplate, a starting point that can be used to create full stack web applications with ReactJS and ExpressJS.

Covalence Full Stack Project Boilerplate

This boilerplate includes build scripts and setup for a ReactJS front-end and an ExpressJS back-end.

Getting Started

Remember to run npm install to install all necessary dependencies.

Careful!

Make sure you are always working within the front-end or back-end src directory. Stay out of the dist and lib directories, as their contents will be erased each time the source code is transpiled.

Running

* To run the project during development (for automatic transpile and server restart), use npm run dev.
* npm start will be used in a production environment. It transpiles once and does not look for changes.

Importing Images and Documents

* This boilerplate sets up file-loader in the the webpack.config.js file.
* By using file-loader, you can keep your images/documents in logical folders within your components, and then import them using their relative paths. During the build process, webpack will copy the files into the client/dist folder, giving them a hash-based name and updating your html to use the correct name and path.
* Usage:
  + Files with png, jpg, and gif extensions can be imported into your Component and used as follows (note the braces used in the srcattribute):
* import myLogo from '../relativePath/to/logo.png';
* render() {
* ...
* <img src={myLogo} alt="My Company Logo" />
* *// Final html may look like: <img src="/dist/images/1aecb1718293a.png" alt="My Company Logo>*
* ...
* }
  + Files with pdf extensions can be imported into your Component and used as follows (note the braces used in the href attribute):
* import myDoc from '../relativePath/to/doc.pdf';
* render() {
* ...
* <a href={myDoc}>Click here!</a>
* *// Final html may look like: <a href="/dist/docs/38923afdbc.pdf">Click here!</a>*
* ...
* }
* If you need to support additional file types, feel free to modify the webpack.config.js. You should be able to discern the sections for image handling vs document handling.