

Documentation For Create React App

Recently a new version of Create React App was released utilizing Webpack v5, which is incompatible with many of our course projects and exercises. We are working on updating our course files to make them compatible with this change. In the meantime, please take one of the two options below in order to continue working on CRA Projects and Exercises.

Solution One: Use this project folder as a starting point for CRA Projects

- 1) [Download the solution file here.](#)
- 2) Use this folder as the starting point for all CRA projects. If you have no starter code for a project, use this folder as your starting point. You may also need to substitute this folder into other starter code when required.
- 3) Navigate to the project folder and run npm-install in the terminal. **Do not run create-react-app** as this will utilize the latest version of CRA.
- 4) Continue development on your project.

Solution Two: Use ChainSafe to get around Webpack Issues

You can find the [full documentation for Chainsafe here.](#)

- 1) Navigate to your Project Folder
- 2) npm install --save-dev react-app-rewired crypto-browserify stream-browserify assert stream-http https-browserify os-browserify url buffer process
- 3) Create `config-overrides.js` in the root of your project folder with the content:

```
const webpack = require('webpack');
module.exports = function override(config) {
  const fallback = config.resolve.fallback || {};
  Object.assign(fallback, {
    "crypto": require.resolve("crypto-browserify"),
    "stream": require.resolve("stream-browserify"),
    "assert": require.resolve("assert"),
    "http": require.resolve("stream-http"),
    "https": require.resolve("https-browserify"),
    "os": require.resolve("os-browserify"),
    "url": require.resolve("url")
  });
  config.resolve.fallback = fallback;
  config.plugins = (config.plugins || []).concat([
    new webpack.ProvidePlugin({
      process: 'process/browser',
      Buffer: ['buffer', 'Buffer']
    })
  ]);
  return config;
}
```

```
}
```

- 4) Within `package.json` change the scripts field for start, build and test. Instead of `react-scripts` replace it with `react-app-rewired`:

Before:

```
"scripts": {  
  "start": "react-scripts start",  
  "build": "react-scripts build",  
  "test": "react-scripts test",  
  "eject": "react-scripts eject"  
},
```

After:

```
"scripts": {  
  "start": "react-app-rewired start",  
  "build": "react-app-rewired build",  
  "test": "react-app-rewired test",  
  "eject": "react-scripts eject"  
},
```

The missing Nodejs polyfills should be included now and your app should be functional.

- If you want to hide the warnings created by the console:

In `config-overrides.js` within the `override` function, add:

```
config.ignoreWarnings = [/Failed to parse source map/];
```