

React Navigation Fix
updated 9-2-2020

Important Message about React Navigation v5

This project will be using the v4 version of React Navigation and not the v5 version. To date, this code still works as expected. The v4 version is still important to know and understand as it is used widely in existing codebases in many organizations. I highly encourage you to continue on with the course as it is so that you fully understand how React Navigation works. Once you have finished the course, you can use this as a self-study opportunity to attempt a migration of your finished working projects to v5. The docs provide some great resources on this: <https://reactnavigation.org/docs/upgrading-from-4.x/>.

1. React Navigation v4 Installation

note: You **cannot** mix Yarn and npm in the same project as it will break your dependencies. You must consistently use the same package manager. If you have yarn installed on your computer it will be used by default to generate the project. In this case, you must use Yarn to install your dependencies.

1. Install React Navigation

```
npm install react-navigation --legacy-peer-deps
```

or

```
yarn add react-navigation
```

2. Install Dependencies

```
expo install react-native-gesture-handler react-native-reanimated react-native-screens react-native-safe-area-context @react-native-community/masked-view
```

3. Install React Navigation Stack

```
npm install react-navigation-stack @react-native-community/masked-view --legacy-peer-deps
```

or

```
yarn add react-navigation-stack @react-native-community/masked-view
```

4. Install React Navigation Tabs

```
npm install react-navigation-tabs --legacy-peer-deps
```

or

```
yarn add react-navigation-tabs
```

5. Start the app and clear cache with `expo r -c`

2. Update Imports

Our imports in the upcoming lecture "[Navigator Hookup](#)" will now look like this:

```
1. import { createAppContainer, createSwitchNavigator } from 'react-navigation';
2. import { createStackNavigator } from 'react-navigation-stack';
3. import { createBottomTabNavigator } from 'react-navigation-tabs';
4.
```

Errors?

If you are still struggling with the React Navigation installation then there are likely some major dependency conflicts in your environment. In this case, **we've made a boilerplate available** so that you can continue with the course. **Download the zip file attached to this lecture** to somewhere in your C:\Users directory (Windows) or /Users directory (macOS)

Then, run `npm install --legacy-peer-deps` and then `npm start`.

React Navigation v4 Docs:

<https://reactnavigation.org/docs/4.x/getting-started>

Resources for this lecture

- [tracks-boilerplate.zip](#)