

React Native

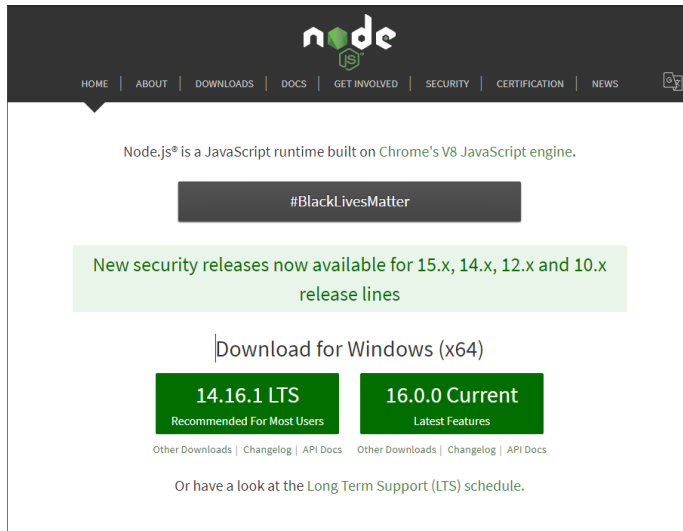
Follow along with Allan Pedin and learn React Native

This is for getting started in the cross-platform mobile development
framework React Native

Step 1 Downloads

Install [NodeJS](#) Current version

(Note LTS will work however newer is always better)

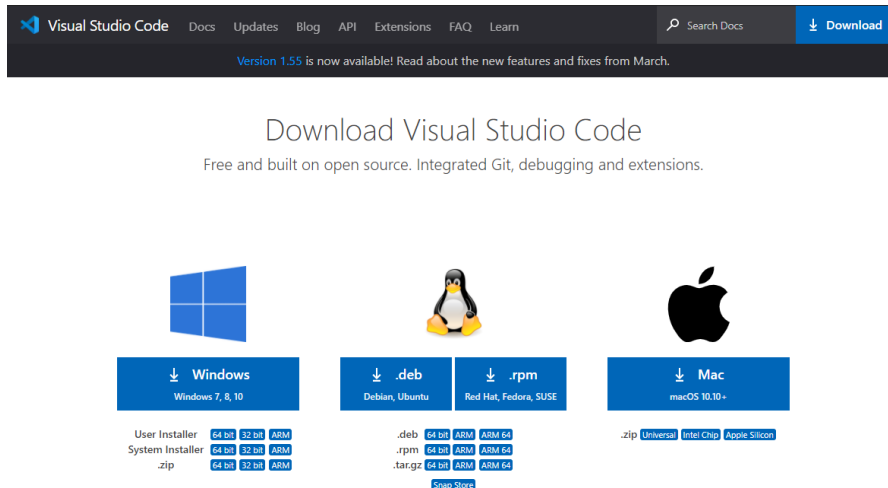


1. Run the installer
2. Click Next a bunch of times (defaults are good)
3. Installation can be confirmed with the command line

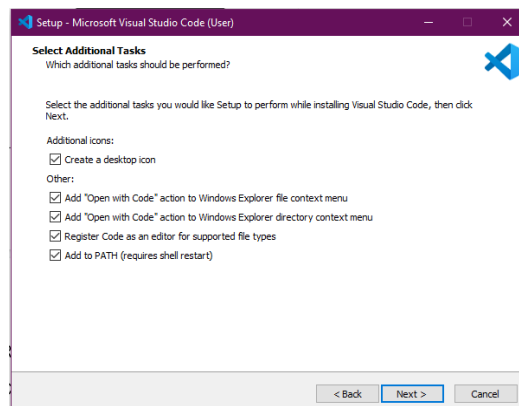
`node --version`

Install Visual Studio Code

(Note: VSCode is a standard for React Native coding however other editors are available)



1. Run the installer
2. Make sure to check these additional tasks, not necessary however it will make our lives easier later



3. Installation can be confirmed with the command line

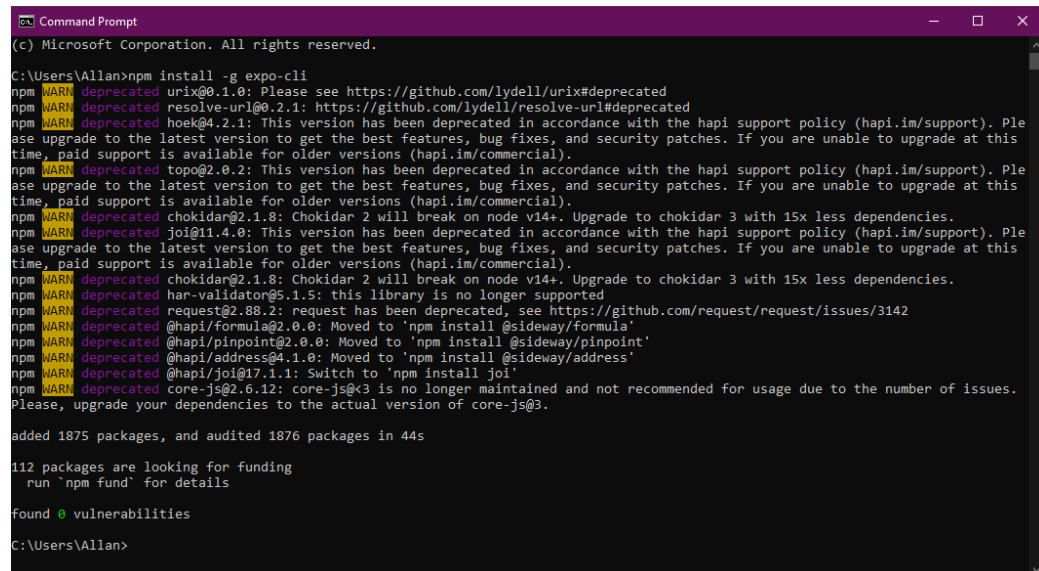
code -v

Install expo-cli

1. Open a terminal
2. Run

```
npm install -g expo-cli
```

3. May prompt for a password
4. Don't worry about any warning it may give you



```
Command Prompt
(c) Microsoft Corporation. All rights reserved.

C:\Users\Allan>npm install -g expo-cli
npm WARN deprecated urix@0.1.0: Please see https://github.com/lydell/urix#deprecated
npm WARN deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#deprecated
npm WARN deprecated hoek@4.2.1: This version has been deprecated in accordance with the hapi support policy (hapi.im/support). Please upgrade to the latest version to get the best features, bug fixes, and security patches. If you are unable to upgrade at this time, paid support is available for older versions (hapi.im/commercial).
npm WARN deprecated topo@2.0.2: This version has been deprecated in accordance with the hapi support policy (hapi.im/support). Please upgrade to the latest version to get the best features, bug fixes, and security patches. If you are unable to upgrade at this time, paid support is available for older versions (hapi.im/commercial).
npm WARN deprecated chokidar@2.1.8: Chokidar 2 will break on node v14+. Upgrade to chokidar 3 with 15x less dependencies.
npm WARN deprecated joi@11.4.0: This version has been deprecated in accordance with the hapi support policy (hapi.im/support). Please upgrade to the latest version to get the best features, bug fixes, and security patches. If you are unable to upgrade at this time, paid support is available for older versions (hapi.im/commercial).
npm WARN deprecated chokidar@2.1.8: Chokidar 2 will break on node v14+. Upgrade to chokidar 3 with 15x less dependencies.
npm WARN deprecated har-validator@5.1.5: this library is no longer supported
npm WARN deprecated request@2.88.2: request has been deprecated, see https://github.com/request/request/issues/3142
npm WARN deprecated @hapi/formula@2.0.0: Moved to 'npm install @sideway/formula'
npm WARN deprecated @hapi/pinpoint@2.0.0: Moved to 'npm install @sideway/pinpoint'
npm WARN deprecated @hapi/address@4.1.0: Moved to 'npm install @sideway/address'
npm WARN deprecated @hapi/joi@17.1.1: Switch to 'npm install joi'
npm WARN deprecated core-js@2.6.12: core-js@<3 is no longer maintained and not recommended for usage due to the number of issues. Please, upgrade your dependencies to the actual version of core-js@3.

added 1875 packages, and audited 1876 packages in 44s

112 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

C:\Users\Allan>
```

Step 2 Setup Development Environment

Create a new folder on your desktop

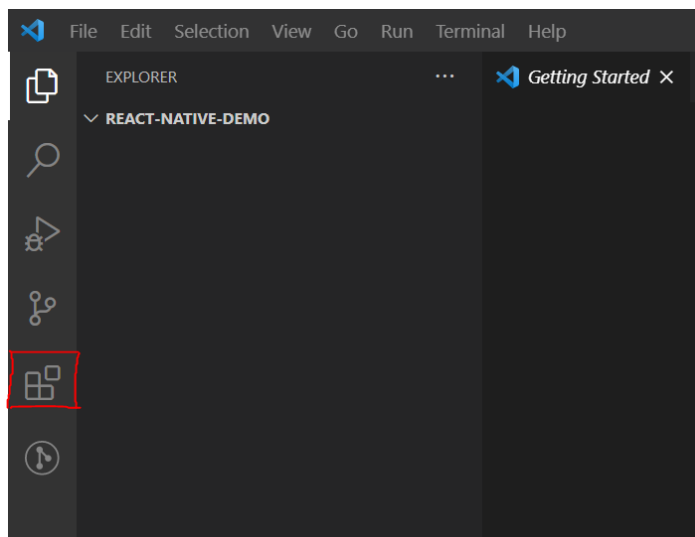
Name it whatever you would like

Write click the folder and press “Open with Code”

This will open up our project folder using Visual Studio Code

Download Visual React-Native specific Extensions for VSCode

On the far left Bar of VSCode code click the extensions tab

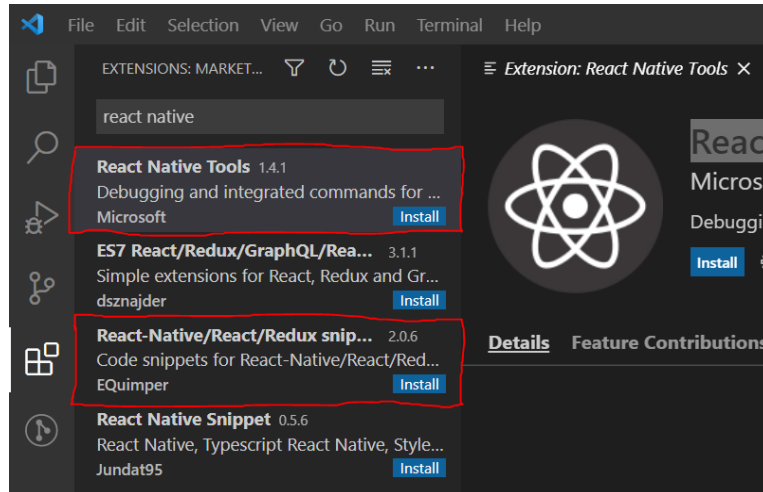


Now search “react native”

Install

React Native Tools

React-Native/React/Redux snippets for es6/es7

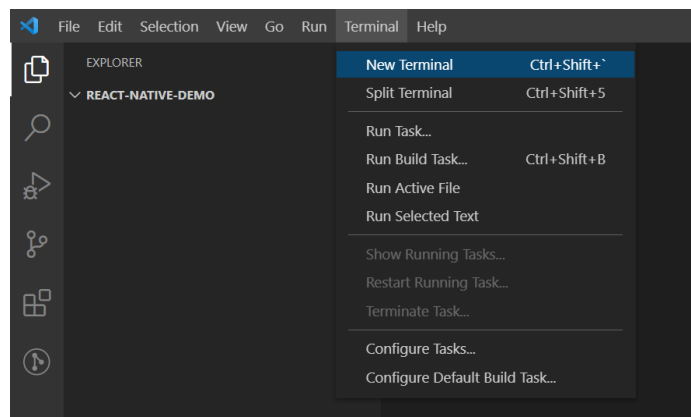


While these extensions are not necessary for react native development they will make our lives significantly easier

Step 3 Create a Project

Create a project using expo-cli

1. Open a terminal using VSCode
 - a. In the top bar of VSCode select
“Terminal”
“New Terminal”
 - b. This will open a new terminal at the bottom of VSCode



2. run in terminal:
`expo init React-Native-Demo`

3. Using the arrow keys select the “bare workflow minimal”

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
Microsoft Windows [Version 10.0.19042.928]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Allan\Desktop\React-Native-Demo>expo init React-Native-Demo
WARNING: expo-cli has not yet been tested against Node.js v16.0.0.
If you encounter any issues, please report them to https://github.com/expo/expo-cli/issues

expo-cli supports following Node.js versions:
* >=10.13.0 <11.0.0 (Maintenance LTS)
* >=12.13.0 <13.0.0 (Maintenance LTS)
* >=14.0.0 <15.0.0 (Active LTS)
* >=15.0.0 <16.0.0 (Current Release)

? Choose a template: » - Use arrow-keys. Return to submit.
  ---- Managed workflow ----
  blank          a minimal app as clean as an empty canvas
  blank (TypeScript)  same as blank but with TypeScript configuration
  tabs (TypeScript)   several example screens and tabs using react-navigation and TypeScript
  ---- Bare workflow ----
> minimal        bare and minimal, just the essentials to get you started
  minimal (TypeScript) same as minimal but with TypeScript configuration
```

4. This will take a bit to run as it is setting up the project structure