

Documentation on React Native

1. Setting Up React Native with the given base code:

- In the following: type this in terminal
 - `npx create-expo-app "Our project name"`
 - With this command, npx will provide us with react native base code
 - `cd "Our project name"`
 - `cd` will send us to our project directory
 - `npx expo start`
 - this command will start our project server

2. Installing Dependencies

- We will need both Node/Java Development/Android studio
 - MacOS
 - `brew install node`
 - `brew install watchman`
 - `brew tap homebrew/cask-versions`
 - `brew install --cask zulu11`
 - Windows
 - `choco install -y nodejs-lts microsoft-openjdk11`

Important notice note

- Windows can not do IOS development/ MacOS can only develop both iOS/Android:
- macOS users will need to use Android studio for Android development

3. Modifying our application:

- Open "App.jsx" in our text editor of choice and edit some lines
 - Once the file is edited, the server should reload automatically once you save your changes
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4. Deploying our server:

- The server will be held on a localhost port that npx will send you in the terminal to see your changes

5. Programming in JavaScript code;

- Use JavaScript with react to learn how to use [props/class/conditionals/forms/routers](#)
 - W3Schools also provides separate examples of react native

Useful Resources:

- W3 Schools
 - https://www.w3schools.com/REACT/react_events.asp
 - For syntax code help
- React Native Developer page for set up
 - <https://reactnative.dev/docs/environment-setup>
- Youtube Links
 - <https://www.youtube.com/watch?v=mrjy92pW0kM>
 - This youtube video helps out with installing extensions that can help debug JavaScript code
 - <https://www.youtube.com/watch?v=oorfevovPWw>
 - This video helps out people with Windows machines set up their React Native environment.
 - As well as installing extensions that can also help with debugging