React Native

**-Node.Js (**[**Download**](https://nodejs.org/en/download/)**)**

Versão: < node –v >react

**-Expo**

<https://expo.io/@helio_franca>  
Instalar: < npm install -g expo-cli> ou <npm install expo-cli –global>  
Versão: < expo –version >  
<expo login>  
<expo logout>  
<expo init “Nome do Projeto”  
<expo start>  
<npm start>

**-Python 2 (**[**Download**](https://www.python.org/downloads/release/python-272/)**)**

**-JDK 8 (**[**Download**](https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html)**)**

**-React Native CLI**  
<npm install react-native-cli –global>  
<react-native --version>

**-Android Studio (**[**Download**](https://developer.android.com/studio)**)**

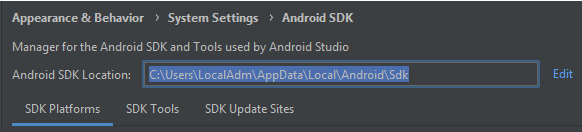
Download + Última Versão do Android.



<adb devices>

- Variáveis de ambiente

Em Variáveis de sistemas:  
ANDROID\_HOME: C:\Users\LocalAdm\AppData\Local\Android\Sdk



Testar: Echo %ANDROID\_HOME%  
PATH: C:\Users\LocalAdm\AppData\Local\Android\Sdk\platform-tools

**-React Native**   
  
<react-native init “Projeto”>

Define versão do React Native:  
<react-native init “Projeto” –version 0.58.0>

<react-native run-android>

Obs:React-Native Usa JSX, React HTML.

**-Gerenciador de pacotes.**  
NPM: vem com o Node.Js  
Versão: < npm –version >  
Iniciar NPM: < npm init >  
Instalar biblioteca NPM: < npm install “moment”>  
Atualizar bibiliotecas< npm update >

Yarn ([Download](https://yarnpkg.com/lang/en/))  
Salva o pacote no cache, disponibilizando de forma global e offline em vários projetos.

Instalar via NPM: <npm install --global yarn >  
Iniciar Yarn: < yarn init >  
Instalar biblioteca Yarn: < yarn install “moment”>  
Ou  
Instalar biblioteca Yarn: < yarn add “moment”>  
Atualizar biblioteca Yarn: < yarn upgrade “moment”>  
Remover biblioteca Yarn: < yarn remove “moment”>

**-Navegação.**

React Navigation  
Install <npm install react-navigation --save >  
Gesture-Hand <npm install react-native-gesture-handler>  
Install Stack <npm install react-navigation-stack –save>  
Ou  
yarn add react-navigation-stack  
Link < react-native link>

createBottomTabNavigator  
<npm i react-navigation-tabs>  
<npm i react-native-reanimated>  
<yarn add react-navigation-tabs>

createDrawerNavigator  
< npm install --save react-navigation>   
<npm install --save react-native-gesture-handler>  
<npm install --save react-native-reanimated>  
<npm install --save react-navigation-stack>  
<npm install --save react-navigation-drawer>

Alterar o MainActivity.java

 import com.facebook.react.ReactActivity;

 import com.facebook.react.ReactActivityDelegate;

 import com.facebook.react.ReactRootView;

 import com.swmansion.gesturehandler.react.RNGestureHandlerEnabledRootView;

     @Override

  protected ReactActivityDelegate createReactActivityDelegate() {

    return new ReactActivityDelegate(this, getMainComponentName()) {

      @Override

      protected ReactRootView createRootView() {

       return new RNGestureHandlerEnabledRootView(MainActivity.this);

      }

    };

  }

createMaterialBottomTabNavigator

<npm install react-navigation-material-bottom-tabs >

<npm install react-native-paper>

**- FireBase.**

<npm install --save firebase >

**- Biblioteca para manipulação de câmera**

Em android Manifest.xml

 <uses-permission android:name="android.permission.CAMERA" />

 <uses-permission android:name="android.permission.WRITE\_EXTERNAL\_STORAGE" />

<npm install react-native-image-picker@lastest –save>

**-Gerar Blob para Imagens**

<yarn add react-native-image-picker>