

React-Native Breaking changes and Common Errors January 2020

Week 1:

<p>Regular expression error due to node Version found at node_modules/metro_config/defaults/blacklist.js</p> <p>https://stackoverflow.com/questions/58120990/how-to-resolve-the-error-on-react-native-start/58122821#58122821</p>	<p>Please note that if you run a npm install or a yarn you need to change the code again. OR You can downgrade your node version.</p>
<p>After the installation of react-navigation, we need to install some more dependencies.</p> <p>https://reactnavigation.org/docs/en/getting-started.html</p>	<p><i>expo install react-native-gesture-handler react-native-reanimated react-native-screens react-native-safe-area-context</i></p>
<p>createStackNavigator() is offered by a different module</p> <p>https://reactnavigation.org/docs/en/stack-navigator.html</p>	<p><i>yarn add react-navigation-stack @react-native-community/masked-view</i></p>
<p>Need to wrap MainNavigator inside of createAppContainer :</p> <p>https://stackoverflow.com/questions/53367195/invariant-violation-the-navigation-prop-is-missing-for-this-navigator</p>	<p><i>Use the createAppContainer on your Main navigator and use the resulting variable(component) inside your Main component.</i></p> <p>https://reactnavigation.org/blog/#explicit-app-container-required-for-the-root-navigator</p>
<p>Title gets truncated on some devices due to native fonts.</p> <p>https://github.com/react-navigation/react-navigation/issues/5050</p>	<p><i>Set to something like Roboto for Android and Arial for iOS</i></p>
<p>Need to separately install createDrawerNavigator():</p> <p>https://reactnavigation.org/docs/en/drawer-navigator.html</p>	<p><i>yarn add react-navigation-drawer</i></p>
<p>Possible BUG in the Expo android application:</p>	<p>The menu component will be a blank white screen after navigating to it from the drawer navigator. To solve this, use the default 'home' button on the android device and go back into the expo application. It works thereafter. Must repeat step for every component in the drawer Navigator and every time you restart the app.</p>

Week 2:

Use Arrow function to provide 'headerLeft' attribute instead of a plain component	<code>headerLeft: () => <Icon name="menu" size={24}</code>
Use iconStyle attribute to move the icon away from the edge. (Icon is too close to device edge)	Add another attribute as <code>iconStyle={{marginLeft: 10}}</code>
DrawerItems needs to be imported from a different module	Import from react-navigation-drawer.
Json-server command change	<code>json-server --watch db.json -p 3001 -H <YOUR IP ADDRESS></code>

Week 3 and 4:

react-native-swipeout	<i>this is no longer supported, please consider using https://github.com/jemise111/react-native-swipe-list-view instead. (Optional)</i>
Persist Store (Breaking changes)	<pre>import { AsyncStorage } from 'react-native'; const config = { key: 'root', debug: true, storage: AsyncStorage };</pre> https://github.com/rt2zz/redux-persist
Login Component	<ul style="list-style-type: none"> • <code>expo install expo-secure-store</code> • <code>import * as SecureStore from 'expo-secure-store';</code> • use prop <code>inputContainerStyle</code> instead of <code>containerStyle</code>. •
Permissions has moved out of expo. Notifications for android require a separate object to be created for sound and vibration to work.	<ul style="list-style-type: none"> • <code>expo install expo-permissions</code> • <code>import * as Permissions from 'expo-permissions';</code> • <code>Notifications.createChannelAndroidAsync('Confusion', { name: 'Confusion', sound: true, vibrate: true })</code> https://docs.expo.io/versions/latest/sdk/notifications/
Mail composer has moved to different module	<pre>expo install expo-mail-composer import * as MailComposer from 'expo-mail-composer';</pre>

Image picker has moved to different module	<i>expo install expo-image-picker</i> <i>import * as ImagePicker from 'expo-image-picker'</i> https://docs.expo.io/versions/latest/sdk/imagepicker/
createBottomTabNavigator has moved	<i>yarn add react-navigation-tabs</i> <i>import { createBottomTabNavigator } from 'react-navigation-tabs';</i>
NetInfo API has changed . Expo not compatible with latest NetInfo Module	<i>expo install @react-native-community/netinfo (Use 4.x.x)</i> <i>import NetInfo from '@react-native-community/netinfo';</i> <i>const unsubscribe = NetInfo.addEventListener(state => {</i> <i> console.log('Connection type', state.type);</i> <i> console.log('Is connected?', state.isConnected);</i> <i>});</i>
Expo calendar API needs separate install	<i>expo install expo-calendar</i> <i>import * as Calendar from 'expo-calendar';</i>
Calendar. DEFAULT is deprecated	<i>Need to use getCalendarsAsync() and manually find the default calender.</i> <i>Default Calender has the allowsModifications flag set to TRUE.</i>