

Main Points/Key Points	Notes						
	<div>Geolocation/Location API</div> <div>1. Geolocation/Location Overview.<div>a. One of the React Native APIs to determine a location by using a device built-in GPS. A location is returned through a coordinate:<div><div>1. Latitude (North or South of the equator)</div><div>2. Longitude (East or West of meridian at Greenwich)</div></div></div><div>b. It can be used to return compass heading and speed of the device in meter per second.</div></div> <div>2. Implementing Geolocation/Location API.<div>a. Geolocation/Location API implementation in React Native varies based on Native and None Native code projects.</div><div>b. Native Code Implementation:<table><tr><th>Native Code</th></tr><tr><td>npm install @react-native-community/geolocation --save  react-native link @react-native-community/geolocation.</td></tr><tr><th>Note</th></tr><tr><td>As of version 0.60 Geolocation API is NO LONGER part of default API for React Native.</td></tr><tr><th>Methods</th></tr><tr><td>1. setRNConfiguration(config) 2. requestAuthorization() 3. getCurrentPosition() 4. watchPosition() 5. clearWatch() 6. stopObserving()</td></tr></table></div></div> <div>Summary</div>	Native Code	npm install @react-native-community/geolocation --save  react-native link @react-native-community/geolocation.	Note	As of version 0.60 Geolocation API is NO LONGER part of default API for React Native.	Methods	1. setRNConfiguration(config) 2. requestAuthorization() 3. getCurrentPosition() 4. watchPosition() 5. clearWatch() 6. stopObserving()
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	<p style="text-align: center;"><b>Geolocation/Location API</b></p> <ol style="list-style-type: none"> <li>1. Additional configuration for iOS:             <ol style="list-style-type: none"> <li>i. Include:                 <pre>&lt;key&gt; NSLocationWhenInUseUsageDescription &lt;/key&gt;</pre> <p>in &lt;project name&gt;/ios/&lt;project name&gt;/Info.plist file.</p> </li> <li>ii. Install dependencies for Swift and Object-C cocoa projects (Libraries) by typing the following command:                 <pre>cd ios pod install</pre> </li> </ol> </li> <li>2. Additional configuration for Android:             <ol style="list-style-type: none"> <li>i. Include:                 <pre>&lt;uses-permission android:name= "android.permission.ACCESS_FINE_LOCATION" /&gt;</pre> <p>in &lt;project name&gt;/android/app/src/main/AndroidManifest.xml file</p> </li> </ol> </li> <li>3. Refer to <a href="#">Geolocation API Documentation</a> for details.</li> <li>4. Refer to <a href="#">GeoLocator App with Geolocation API</a> for Native Code implementation.</li> </ol>
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