

The Expo SDK

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The Expo SDK

- Free and open source tool chain built around React Native
- Native-and-JS library that provides access to the device's system functionality (camera, contacts, local storage, calendar, sensors, etc.)
- UI components to handle variety of use-cases, e.g., icons, blur views etc.
- Services for apps: managing assets, push notifications, building native binaries ready to deploy to the app store
- Expo client for Android and iOS: Run the projects on the mobile devices over the air wirelessly previewing the app
- Command line interface (CLI) or Expo development environment (XDE)

Expo & create-react-native-app (CRNA)

- CRNA also supports building a React Native app without any build configuration
 - Does not need an Expo account
 - Expo account allows you to publish your project to a permanent URL
 - Expo account allows you to build binaries for app/play store distribution
 - With CRNA you need to run eject

What Expo Does Not Support

- Expo apps don't support background code execution
- Not all iOS and Android APIs are available in Expo
- If you need to keep your app size extremely lean, Expo may not be the best choice
- If you know that you want to use a particular push notification service
- JS and assets managed by Expo require connectivity to Google Cloud Platform and AWS