

React Standard Library





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developer.android.com

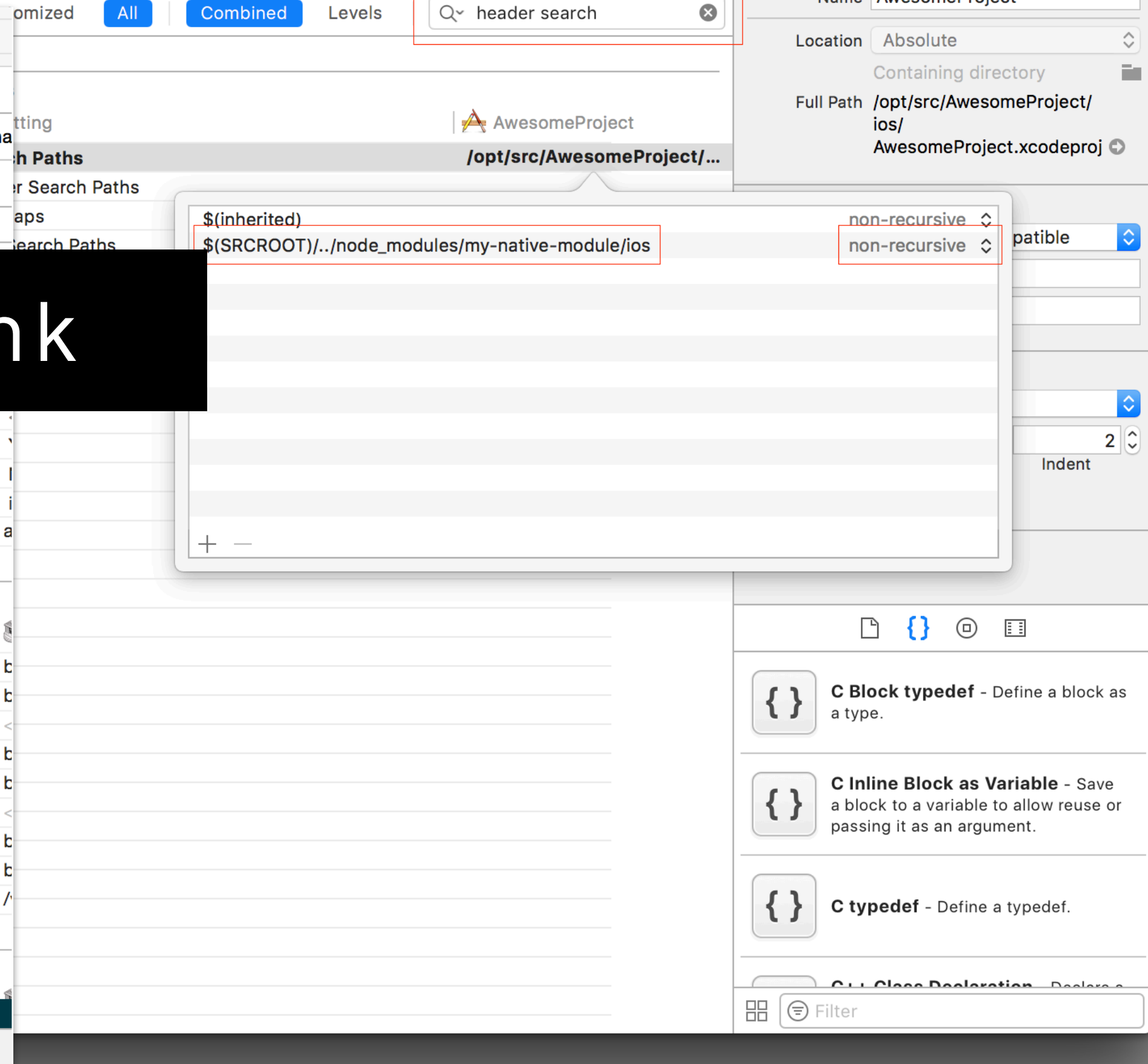
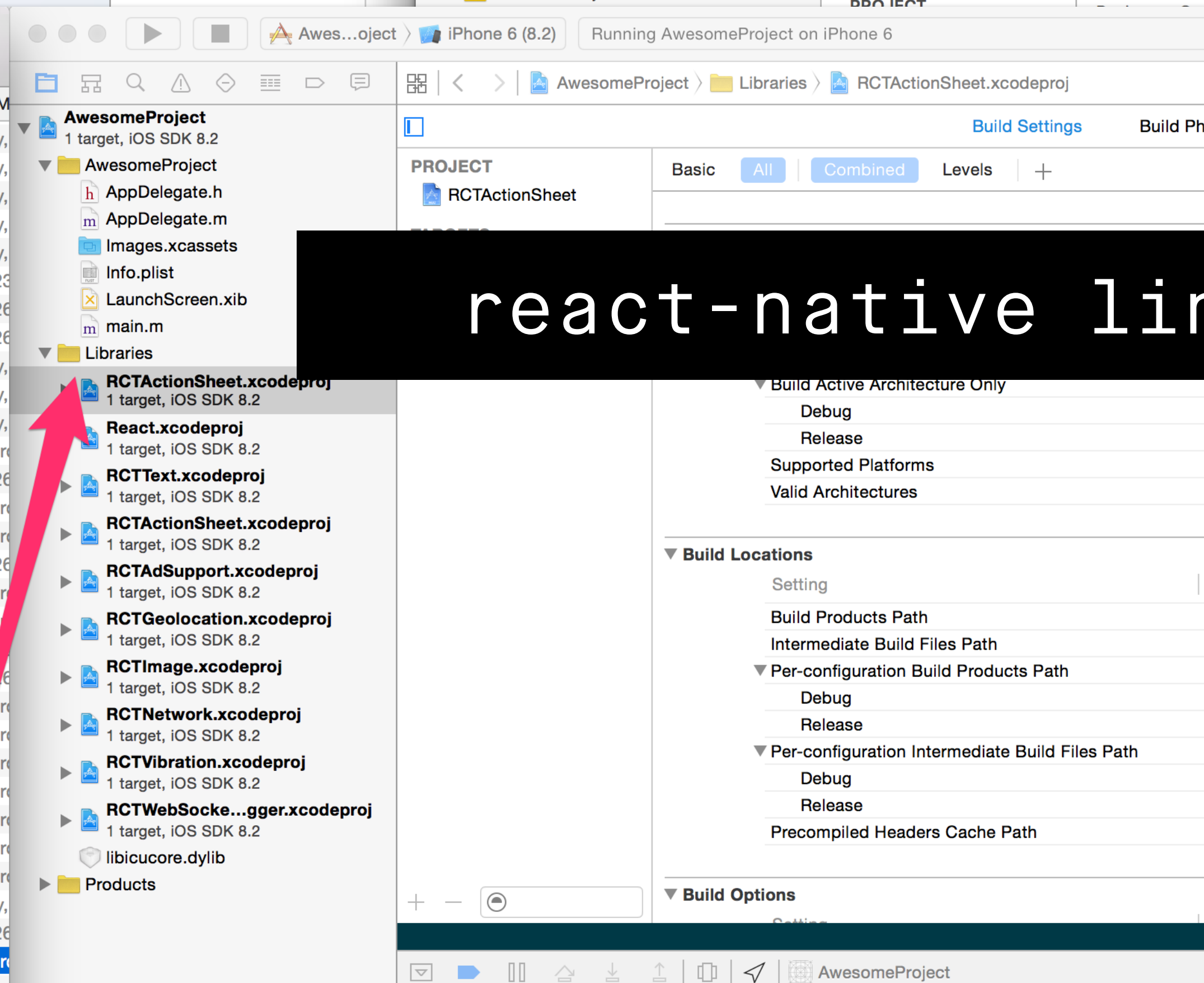
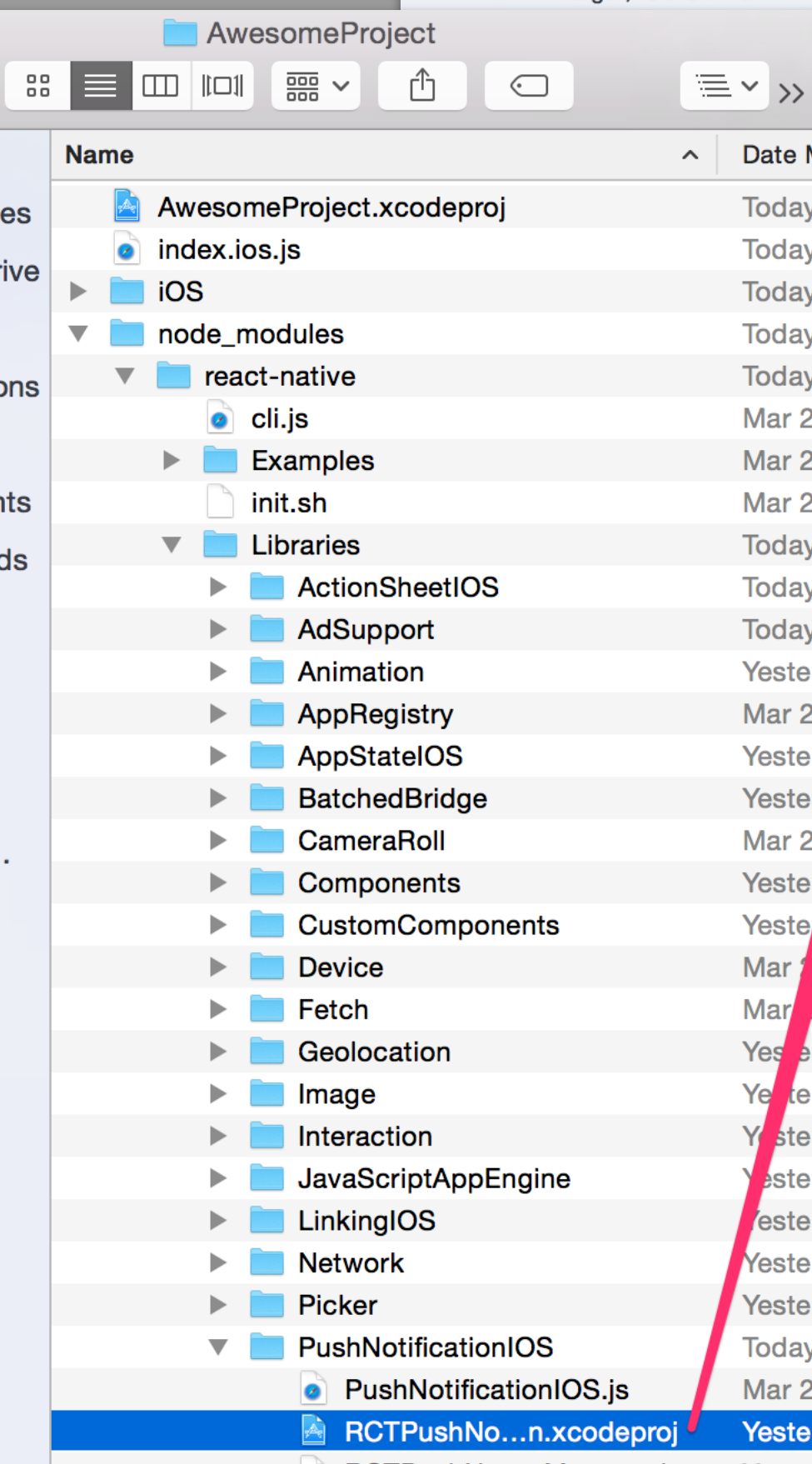
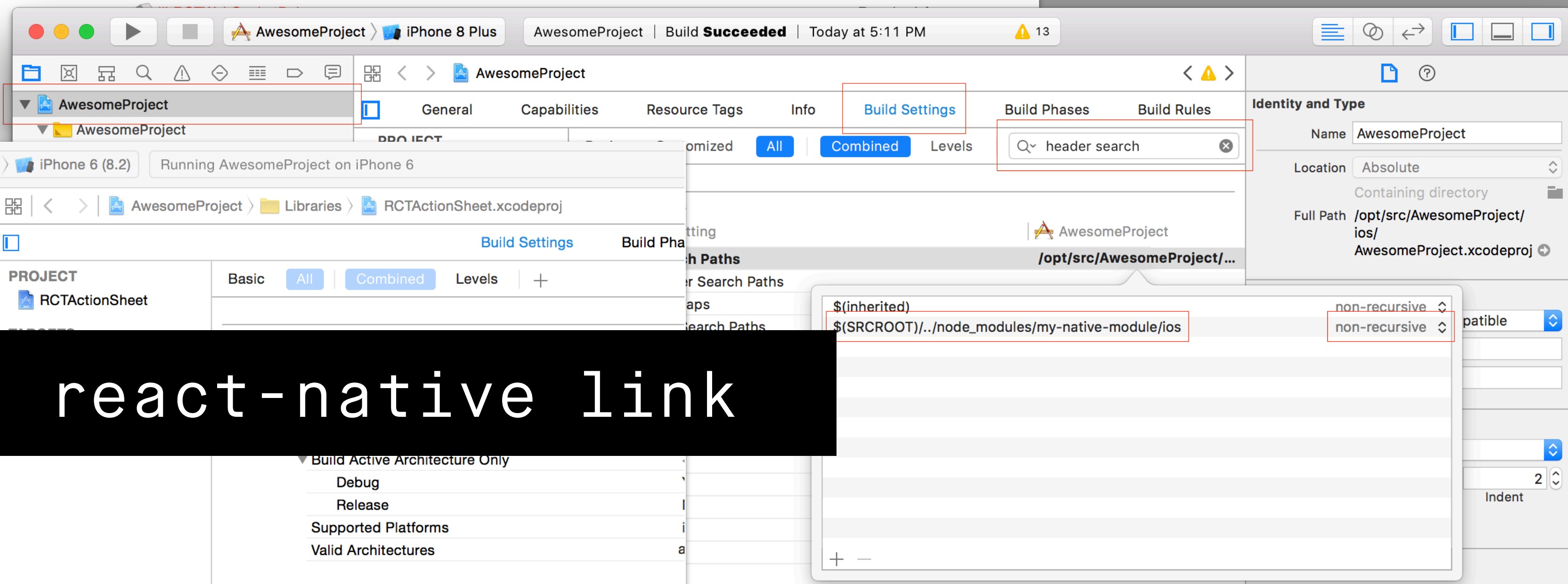
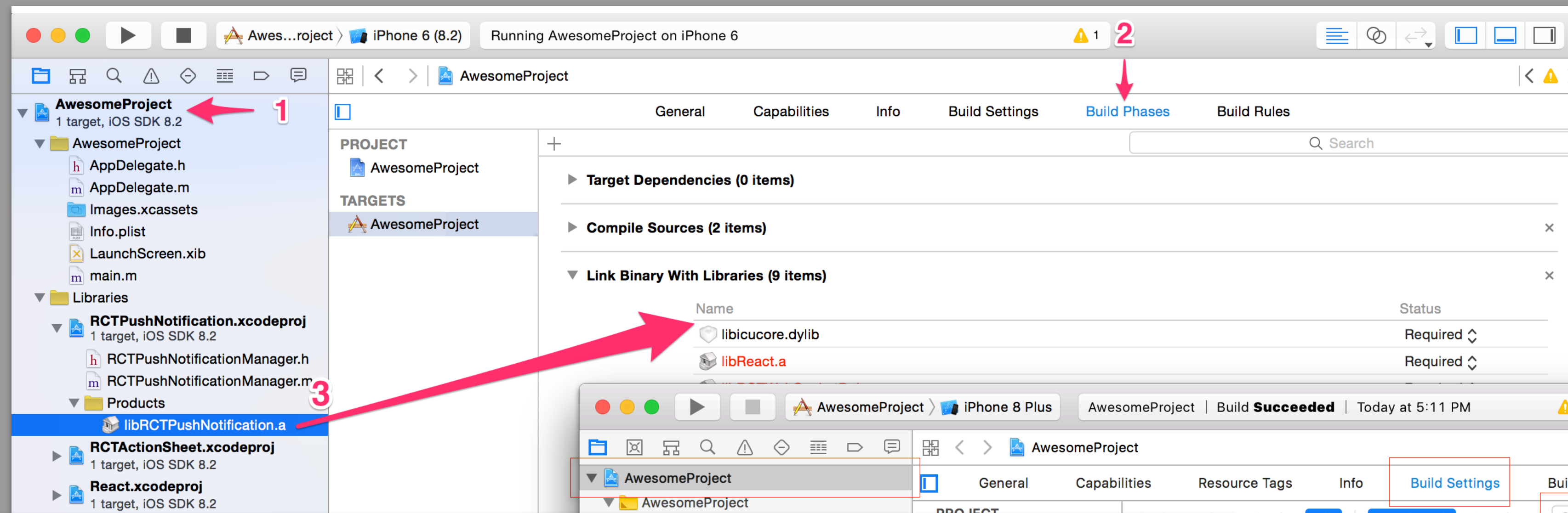
Developers Platform **Android Studio** Google Play More

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Android Studio downloads

| Platform | Android Studio package | Size | SHA-256 checksum |
|------------------|---|---------|--|
| Windows (64-bit) | android-studio-ide-183.5452501-windows.exe Recommended | 971 MB | 7e2c2c9a33e4e4d5d8e9403bc58c9aecbef32e2f0d6e8c95c184aed018bc38e9 |
| | android-studio-ide-183.5452501-windows.zip No .exe installer | 1034 MB | 8e89dc229425143e2c7a66338279eff48e33357447ac41d77f49f0fdb3ed60f |
| Windows (32-bit) | android-studio-ide-183.5452501-windows32.zip No .exe installer | 1034 MB | 0c8cba02b74f0ea2adab20c2d4c389bb5d59e02cc12ae1eb4e27ed1fb8cbbeac |
| Mac (64-bit) | android-studio-ide-183.5452501-mac.dmg | 1025 MB | fd6a66441024562284fcd82de50e82f5376cdd8715cf4fb6ce52948111fab674 |
| Linux (64-bit) | android-studio-ide-183.5452501-linux.tar.gz | 1036 MB | ad2bd4be87a55cfaeee6f28d40d925691314c11862b303d411f9776b76fa1c45 |

See the [Android Studio release notes](#).



Compiling 25 of 248 source files

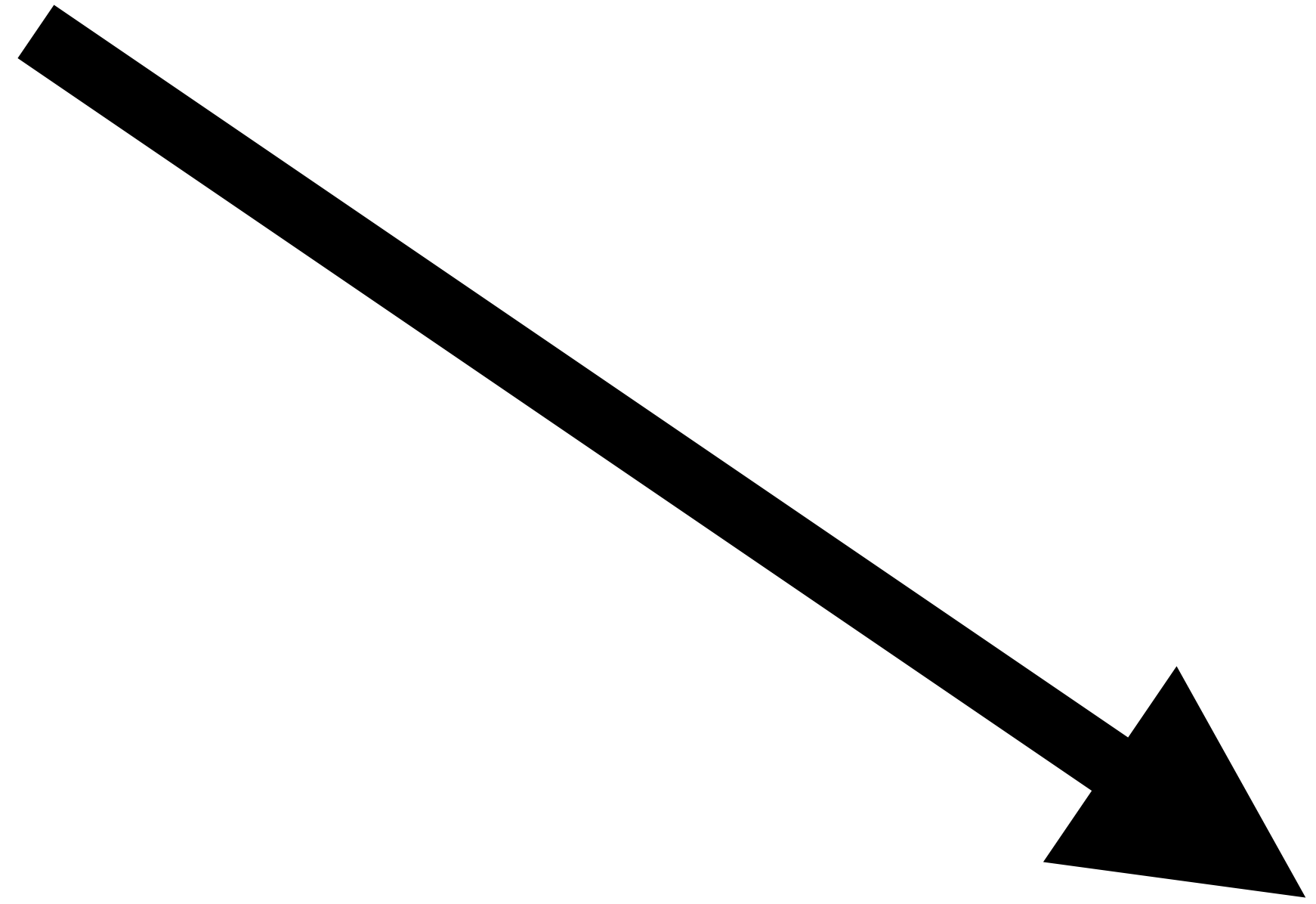
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 673  3 



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Accelerometer Speech
DocumentPicker Camera
Asset Audio GL MapView
Print Contacts
Location Svg
Brightness FileSystem
MediaLibrary Video
...



^ Expo

Camera plz?



Accelerometer Speech
DocumentPicker Camera
Asset Au MapView
Print ts
Location Svg
Brightness FileSystem
MediaLibrary Video
...



Sensors

Location

Svg

Camera

Bright

AV

Asset

GL

Print

Media

expo-local-authentication

expo-localization

expo-location

expo-mail-composer

expo-media-library

expo-permissions

expo-print

expo-random

expo-secure-store

expo-sensors

expo-sharing

expo-sms

expo-speech

expo-sqlite

expo-task-manager

expo-web-browser

...

Unimodules

 **unimodules / react-native-unimodules**

```
npm install expo-camera
```



```
npm install expo-random
```

```
npm install expo-sensors
```

CocoaPods

```
# ios/Podfile

require_relative '../node_modules/react-native-unimodules/cocoapods'

target 'HelloWorld' do
  # Pods for HelloWorld
  pod 'React'

  # ...

  use_unimodules!
end
```

```
# ios/Podfile

require_relative '../node_modules/react-native-unimodules/cocoapods'

target 'HelloWorld' do
  # Pods for HelloWorld
  pod 'React'

  # ...

  use_unimodules!
end
```

Gradle

```
// android/settings.gradle
apply from: '../node_modules/react-native-unimodules/gradle.groovy'

includeUnimodulesProjects()

rootProject.name = 'HelloWorld'
include ':app'

// android/app/build.gradle

apply from: '../../node_modules/react-native-unimodules/
gradle.groovy'

// ...

dependencies {
    // ...
    addUnimodulesDependencies()
}
```

```
// android/settings.gradle
apply from: '../node_modules/react-native-unimodules/gradle.groovy'

includeUnimodulesProjects()

rootProject.name = 'HelloWorld'
include ':app'

// android/app/build.gradle

apply from: '../../node_modules/react-native-unimodules/
gradle.groovy'

// ...

dependencies {
    // ...
    addUnimodulesDependencies()
}
```


unimodule.json

```
% cat node_modules/expo-random/unimodule.json
{
  "name": "expo-random",
  "platforms": ["ios", "android"]
}
```

```
.
└─ node_modules
  └─ @unimodules
    │   └─ core
    │       └─ unimodule.json
    │   └─ react-native-adapter
    │       └─ unimodule.json
    └─ expo-asset
        └─ unimodule.json
    └─ expo-camera
        └─ unimodule.json
    └─ expo-file-system
        └─ unimodule.json
    └─ expo-permissions
        └─ unimodule.json
    └─ expo-sensors
        └─ unimodule.json
    └─ unimodules-camera-interface
        └─ unimodule.json
    └─ unimodules-file-system-interface
        └─ unimodule.json
    └─ unimodules-image-loader-interface
        └─ unimodule.json
    └─ unimodules-sensors-interface
        └─ unimodule.json
```

Android 
iOS 
Web 

```
% npx expo-cli init
? Choose a template:
  ----- Managed workflow -----
blank      minimal dependencies to run and an empty root component
tabs       several example screens and tabs using react-navigation
  ----- Bare workflow -----
> bare-minimum  minimal setup for using unimodules
```

The screenshot shows a GitHub pull request page for the repository 'facebook/react-native'. The pull request title is '[iOS] Add CocoaPods Podfile to the project template #23563'. It is marked as 'Closed' and shows that 'fson' wants to merge 15 commits into 'facebook:master' from 'fson:@fson/template-podfile'. The page includes navigation tabs for Code, Issues (444), Pull requests (46), Projects (3), Wiki, and Insights. A summary section explains that CocoaPods simplifies adding iOS dependencies to Xcode projects. A list of reviewers on the right includes orta, grabbou, pvinis, analysis-bot, cpojer, and facebook-github..., with the last two having approved the pull request.

github.com

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facebook / react-native Watch 3,723 Star 76,399 Fork 17,038

Code Issues 444 Pull requests 46 Projects 3 Wiki Insights

[iOS] Add CocoaPods Podfile to the project template #23563

Closed fson wants to merge 15 commits into facebook:master from fson:@fson/template-podfile

Conversation 57 Commits 15 Checks 0 Files changed 5 +102 -766

fson commented on 20 Feb • edited Contributor

Summary

CocoaPods makes it easier to add new iOS dependencies to a project without having to manually edit Xcode projects. Editing Xcode projects is time consuming and merging changes to them difficult. Automating the changes to Xcode project `react-native link` is error prone. CocoaPods is a de-facto standard way to manage iOS dependencies and a central part of unimodules and upcoming improvements to `react-native link`.

This PR adds a `Podfile` to the default project template of React Native. To use a project with CocoaPods, after creating it, run `cd ios; pod install` and use the created `<projectname>.xcworkspace` file instead of the `.xcodeproj` file. (We could make this a part of `react-native init` so you only need to run one command when creating a project.)

Reviewers

- orta
- grabbou
- pvinis
- analysis-bot
- cpojer
- facebook-github...

Assignees

No one assigned

Labels

react-native-community / cli

Watch 14 Star 361 Fork 86

Code Issues 47 Pull requests 5 Projects 2 Wiki Insights

Umbrella: Autolinking #288

Closed grabbou opened this issue 22 days ago · 5 comments

grabbou commented 22 days ago • edited by thymikee

Opening this issue as an umbrella to discuss implementation details that are common to all platforms and track progress.

For rationale, please read this issue: [react-native-community/discussions-and-proposals#96](#)

Check this [tweet](#) with video for a demo.

PRs:

- [#254](#)
- [#281](#)
- [#258](#)
- [#256](#)

The work can be split into 3 parts, one that touches CLI itself (JavaScript), one for CocoaPods-related changes (iOS) and one for Gradle changes (Android).

Assignees
No one assigned

Labels
None yet

Projects
None yet

Milestone
No milestone

Notifications
 You're not receiving notifications from this thread.

React Standard Library

React Library Standard

Auto installable

Cross platform

Modular foundation

<https://github.com/unimodules/react-native-unimodules>