

新手iOS原生接入ReactNative遇到的坑记录



作者 陈胜华 (/u/64513c568e4f) [+ 关注](#)

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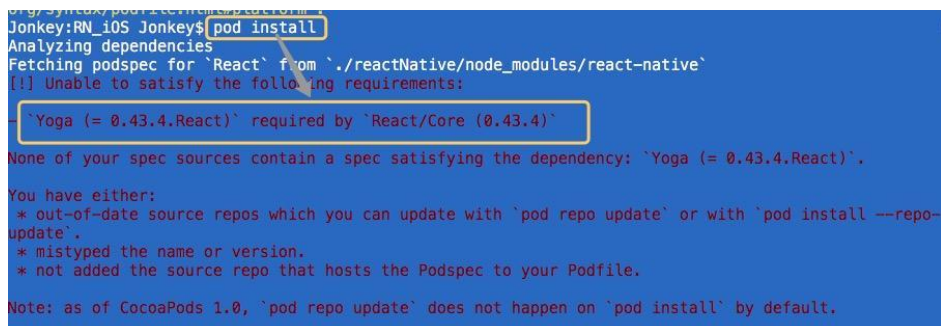
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问题1: pod install的时候报错“- Yoga (= 0.43.4.React) required by React/Core (0.43.4) ”。如图所示

原因: RN版本 >= 0.42.0, 需要再Podfile文件中入下面这行

```
target '项目名' do

  # 'node_modules'目录一般位于根目录中
  # 但是如果你的结构不同, 那你就要根据实际路径修改下面的`:path`
  pod 'React', :path => '../node_modules/react-native', :specs => [
    'Core',
    'RCTText',
    'RCTNetwork',
    'RCTWebSocket', # 这个模块是用于调试功能的
    # 在这里继续添加你所需要的模块
  ]
  # 如果你的RN版本 >= 0.42.0, 请加入下面这行
  pod "Yoga", :path => "../node_modules/react-native/ReactCommon/yoga"
end
```



问题1.png

问题2: 报错"[!] No podspec found for React in ../node_modules/react-native "。
如图所示

原因: path=>'../注意项目路径/node_modules' 中路径不对

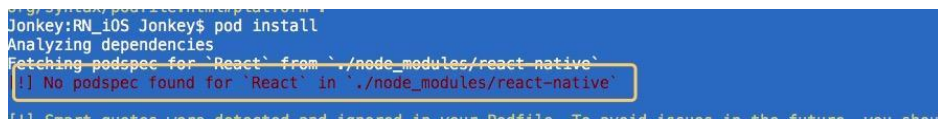


```
target 'RN_iOS' do

  //文件路径
  pod 'React', :path => './reactNative/node_modules/react-native', :subspecs => [
    'Core',
    'RCTText',
    'RCTNetwork',
    'RCTWebSocket',
  ]

  //文件路径
  pod "Yoga", :path => "./reactNative/node_modules/react-native/ReactCommon/yoga"

end
```



```
Jonkey:RN_iOS Jonkey$ pod install
Analyzing dependencies
Fetching podspec for `React` from `./node_modules/react-native`
[!] No podspec found for `React` in `./node_modules/react-native`
```

问题2.png

问题3: 报错“Could not connect to development server.” 如图所示

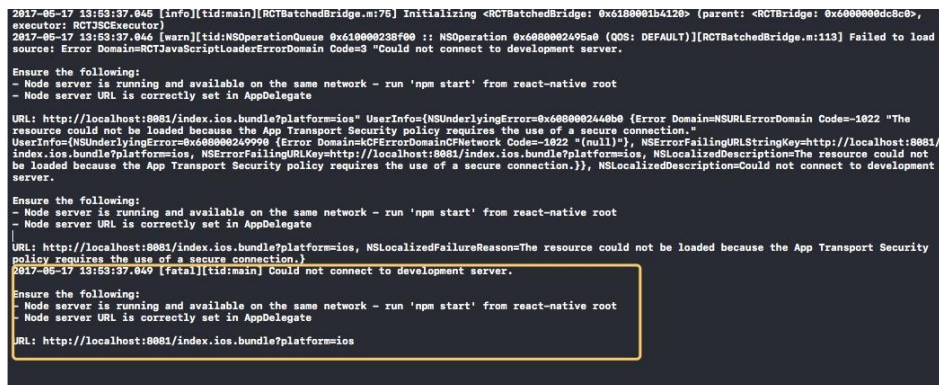
原因: 没有启动ReactNative的服务

- 打开终端 ---》 进入node_modules所在的文件夹根目录 ---》输入: react-native start ---》 服务开启后, 在模拟器上command+r 刷新
- 注意: 此处会出现如图3-1的错误提示,在info.plist中加入Https的键值对即可

```
<key>NSAppTransportSecurity</key>
<key>NSAppTransportSecurity</key>
<dict>
  <key>NSAllowsArbitraryLoads</key>
  <true/>
  <key>NSExceptionDomains</key>
  <dict>
    <key>localhost</key>
    <dict>
      <key>NSTemporaryExceptionAllowsInsecureHTTPLoads</key>
      <true/>
    </dict>
  </dict>
</dict>
```



问题3.png



问题3-1.png

问题4: unable to resolve module 'react-navigation' from

This might be related to <https://github.com/facebook/react-native/issues/4968> (<https://github.com/facebook/react-native/issues/4968>)

To resolve try the following:

1. Clear watchman watches: `watchman watch-del-all`.
2. Delete the `node_modules` folder: `rm -rf node_modules && npm install`.
3. Reset packager cache: `rm -fr $TMPDIR/react-*` OR `npm start --reset-cache`.



问题4.png

原因: 不详, 请大神补充解惑

解决: 在package.json加入下面这句话,然后从新nom install 和pod install

"react-navigation": "git+https://github.com/react-community/react-navigation.git#7edd9a7 (https://github.com/react-community/react-navigation.git#7edd9a7)"

```
{
  "name": "HelloWorld",
  "version": "0.0.1",
  "private": true,
  "scripts": {
    "start": "node node_modules/react-native/local-cli/cli.js start",
    "test": "jest"
  },
  "dependencies": {
    "react": "16.0.0-alpha.6",
    "react-native": "0.43.4",
    "react-navigation": "git+https://github.com/react-community/react-navigation.git#7edd9a7"
  },
  "devDependencies": {
    "babel-jest": "19.0.0",
    "babel-preset-react-native": "1.9.1",
    "eslint": "^3.19.0",
    "eslint-plugin-react": "^6.10.3",
    "jest": "19.0.2",
    "react-test-renderer": "16.0.0-alpha.6"
  },
  "jest": {
    "preset": "react-native"
  }
}
```

问题5: "Native module cannot be null."



问题5.png

原因：Xcode项目导入的ReactNative的依赖少了

报错前Podfile文件

```
target '项目名' do

  pod 'React', :path => './reactNative/node_modules/react-native', :subspecs => [
    'Core',
    'RCTText',
    'RCTNetwork',
    'RCTWebSocket',
  ]
  pod "Yoga", :path => "./reactNative/node_modules/react-native/ReactCommon/yoga"

end
```

解决问题后的Podfile文件

```
target '项目名' do

  pod 'React', :path => './ReactNative/node_modules/react-native', :subspecs =>
  [
    'Core',
    'ART',
    'RCTActionSheet',
    'RCTAdSupport',
    'RCTGeolocation',
    'RCTImage',
    'RCTNetwork',
    'RCTPushNotification',
    'RCTSettings',
    'RCTText',
    'RCTVibration',
    'RCTWebSocket',
    'RCTLinkingIOS',
  ]

  pod "Yoga", :path => "./ReactNative/node_modules/react-native/ReactCommon/yoga"

end
```

问题7: Argument list too long: recursive header expansion failed at:/...../

- 原因: 因为RN的文件项目路径过于长, 循环遍历, 遍历不过来, 然后就报错提示了
- 解决: Xcode --> 项目 --> Build Setting --> Search Paths --> User Header Search Paths

将\$(PODS_ROOT) 改成 \$(PODS_ROOT)/React/React就OK了

问题8: png: No such file or directory
Command /Applications/Xcode.app/Contents/Developer/usr/bin/copypng failed with exit code 2

- 原因: 可能因为图片已经被压缩导致
- 解决: Xcode --> 项目 --> Build Setting --> Compress Png Files 试着为NO

Could not delete /Users/Jonkey/Library/Developer/Xcode/DerivedData/ReactNativeApp-bxaktfhjyqregglsrastbglvp/Build/Products/Debug-iphonesimulator/ReactNativeApp.app/prhdbg.png: No such file or directory
Command /Applications/Xcode.app/Contents/Developer/usr/bin/copypng failed with exit code 2

问题8.png

后记: 接入完成效果图(当然, js文件是前段同事写的)

项目下载地址 (<https://github.com/JonkeyChen/ReactNativeTest>)




接入完成效果图.png

iOS加载时，遇到"Loading from pro-bundle....."显示进度条...,将RCTDevLoadingView.m中的代码屏蔽即可


```
RCT_EXPORT_METHOD(showMessage:(NSString *)message color:(UIColor *)color backgroundColor:(UIColor *)backgroundColor)
{
    if (!isEnabled) {
        return;
    }

    // dispatch_async(dispatch_get_main_queue(), ^{
    //     self->_showDate = [NSDate date];
    //     if (!self->_window && !RCTRunningInTestEnvironment()) {
    //         CGFloat screenWidth = [UIScreen mainScreen].bounds.size.width;
    //         self->_window = [[UIWindow alloc] initWithFrame:CGRectMake(0, 0, screenWidth, 22)];
    //     }
    //     #if TARGET_OS_TV
    //         self->_window.windowLevel = UIWindowLevelNormal + 1;
    //     #else
    //         self->_window.windowLevel = UIWindowLevelStatusBar + 1;
    //     #endif
    //     // set a root VC so rotation is supported
    //     self->_window.rootViewController = [UIViewController new];
    //     //
    //     self->_label = [[UILabel alloc] initWithFrame:self->_window.bounds];
    //     self->_label.font = [UIFont systemFontOfSize:12.0];
    //     self->_label.textAlignment = NSTextAlignmentCenter;
    //     //
    //     [self->_window addSubview:self->_label];
    // }
    //
    // self->_label.text = message;
    // self->_label.textColor = color;
    // self->_window.backgroundColor = backgroundColor;
    // self->_window.hidden = NO;
    // });
}
```

 ReactNative (/nb/12652782)[举报文章](#) © 著作权归作者所有**陈胜华** (/u/64513c568e4f)

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(<http://cwb.assets.jianshu.io/notes/images/1249967>)