新手iOS原生接入ReactNative遇到的坑 记录



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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

```
JonkeysR_iOS Jonkeys[pod install
Analyzing dependencies
Fetching podspec for `React` f'om `./reactNative/node_modules/react-native`
[!] Unable to satisfy the follo ing requirements:
- `Yoga (= 0.43.4.React)` required by `React/Core (0.43.4)`

None of your spec sources contain a spec satisfying the dependency: `Yoga (= 0.43.4.React)`.

You have either:
* out-of-date source repos which you can update with `pod repo update` or with `pod install —-repoupdate`.
* mistyped the name or version.
* not added the source repo that hosts the Podspec to your Podfile.

Note: as of CocoaPods 1.0, `pod repo update` does not happen on `pod install` by default.
```

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

ಹ

```
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



问题3.png

```
2017-06-17 13:53:70-045 [info][td:main][ECTBAtchedBridge.m75] Initializing dRCTBatchedBridge: Report 13:53:70-045 [info][td:main][ECTBAtchedBridge.m75] Initializing dRCTBatchedBridge: Report 03:00:05 DEFAULT)][ECTBAtchedBridge.m:113] Failed to load source: Error Domain=MCTJavaScriptionaderErrorDomain Code=3 "Could not connect to development server.

Ensure the following:

- Node server is running and available on the same network - run 'npm start' from react-native root

- Node server URL is correctly set in AppoBelagate

URL http://localhost:0803/index.ios.bundle7platformics* UserInfo=[NSUnderlyingErrorw8x4600002440b6 [Error Domain=MSURLErrorDomain Code=-1022 "The resource could not be loaded because the App Transport Security policy requires the use of a secure connection.*

UserInfo:(MSUNderlyingErrorex0x640000204006) [Error Domain=MSURLErrorDomain Code=-1022 "The resource could not be loaded because the App Transport Security policy requires the use of a secure connection.*

UserInfo:(MSUNderlyingErrorex0x64000002000) [Error Domain=MSURLErrorDomain Code=-1022 "The resource could not be loaded because the App Transport Security policy requires the use of a secure connection.*), NSLocalizedDescription=The resource could not server.

Ensure the following:

- Node server is running and available on the same network - run 'npm start' from react-native root

- Node server URL is correctly set in AppoBelagate

URL: http://localhost:8081/index.ios.bundle7platform=ics, NSLocalizedFailureReason=The resource could not be loaded because the App Transport Security policy requires the use of a secure connection.)

2017-06-17 15:55:377-060 [Translaticid=Insural] Could not connect to development server.

Ensure the following:

- Node server is running and available on the same network - run 'npm start' from react-native root

- Node server is running and available on the same network - run 'npm start' from react-native root

- Node server is running and available on the same network - run 'npm start' from react-native root
```

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.
- Reset packager cache: rm -fr \$TMPDIR/react-* or npm start --resetcache.



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/yog
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 --> Bulid 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 --> Bulid Setting --> Compress Png Files 试着为NO

Could not delete /Users/Jonkey/Library/Developer/Kode/DerivedData/ReactNativeApp-baraktfebjiygregglsrastbglvp/Build/Products/Debug-iphonesimulator/ReactNativeApp-app/prhdbg.png: No such file or directory Command /Applications/Kode.app/Contents/Developer/usr/bin/coppyng 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

```
\verb"RCT_EXPORT_METHOD" (showMessage: (NSString *) message color: (UIColor *) color backgroup to the property of the property o
 ndColor:(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, screenWi
//
dth, 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)

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

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