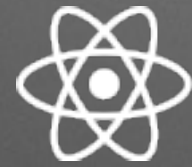
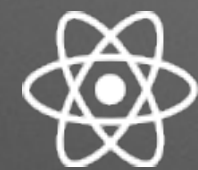


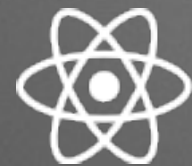
React Native 入门



React



React Native



React Native

learn once, write anywhere

iOS only for now

<http://facebook.github.io/react-native/>

React Native

VS

Cordova

index.js



React Native



原生控件App

WebApp



Cordova



HTML+CSS+JS的
单一WebView控件
App

React Native

VS

Cordova

高

学习成本

中

Cordova学习简单
WebApp框架较难

高

性能

中

中

可维护性

高

iOS

跨平台

iOS/Android/BB etc...

Demo

Demo



环境

环境

- Mac 😊
- Xcode > Command Line Tools



- Watchman (首先安装brew)

brew install watchman

环境

- NodeJS
- react-native

```
npm install -g react-native-cli
```

其实用**Mac**做开发的，其中几步都是使用**Mac**头
几天都必须装好的，看上去步骤有点多，但实际上没有多少

创建项目

```
react-native init reactdemo
```


创建项目

react-native init reactdemo

```
chriscai at caichaodeMacBook-Pro in ~/code
$ react-native init reactdemo
This will walk you through creating a new React Native project in /Users/chriscai/code
npm WARN engine stacktrace-parser@0.1.1: wanted: {"node": ">=0.10"} (current: {"node": "v0.10.42", "npm": "1.4.13"})

> ws@0.4.31 install /Users/chriscai/code/reactdemo/node_modules/react-native
> (node-gyp rebuild 2> builderror.log) || (exit 0)

CXX(target) Release/obj.target/bufferutil/src/bufferutil.o
react-native@0.4.1 node_modules/react-native
├── absolute-path@0.0.0
├── stacktrace-parser@0.1.1
├── react-timer-mixin@0.13.1
├── underscore@1.7.0
├── image-size@0.3.5
├── yargs@1.3.2
├── bluebird@2.9.25
├── worker-farm@1.1.0 (xtend@4.0.0, errno@0.1.2)
├── source-map@0.1.31 (amdefine@0.1.0)
├── chalk@1.0.0 (escape-string-regexp@1.0.3, ansi-styles@2.0.1, supports-color@1.3.1)
├── optimist@0.6.1 (wordwrap@0.0.2, minimist@0.0.10)
├── rebound@0.0.12
├── debug@2.1.3 (ms@0.7.0)
├── promise@7.0.1 (asap@2.0.3)
├── uglify-js@2.4.20 (uglify-to-browserify@1.0.2, async@0.2.10, source-map@0.1.31)
├── sane@1.0.3 (watch@0.10.0, minimatch@0.2.14, fb-watchman@0.0.0, wstream@0.0.0)
├── connect@2.8.3 (methods@0.0.1, uid2@0.0.2, fresh@0.1.0, pause@0.0.0)
├── .14, send@0.1.2)
├── jstransform@10.1.0 (base62@0.1.1, esprima-fb@13001.1001.0-dev-harmony)
├── joi@5.1.0 (topo@1.0.2, isemail@1.1.1, hoek@2.12.0, moment@2.10.2)
├── module-deps@3.5.6 (inherits@2.0.1, shallow-copy@0.0.1, minimist@0.0.10)
├── stream@1.0.33, concat-stream@1.4.8, duplex2@0.0.2, browser-resolve@0.1.1)
├── react-tools@0.13.1 (commoner@0.10.1)
├── ws@0.4.31 (tinycolor@0.0.1, options@0.0.6, commander@0.6.1, nan@2.0.0)
Setting up new React Native app in /Users/chriscai/code/reactdemo

Next steps:

  Open /Users/chriscai/code/reactdemo/reactdemo.xcodeproj in Xcode
  Hit Run button
```

友好提示

创建项目

react-native init reactdemo

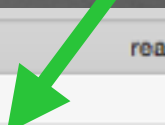
```
chriscai at caichaodeMacBook-Pro in ~/code
$ react-native init reactdemo
This will walk you through creating a new React Native project in /Users/chriscai/code
npm WARN engine stacktrace-parser@0.1.1: wanted: {"node": ">=0.10"} (current: {"node": "v0.10.42", "npm": "1.4.18"})
> ws@0.4.31 install /Users/chriscai/code/reactdemo/node_modules/react-native
> (node-gyp rebuild 2> builderror.log) || (exit 0)

CXX(target) Release/obj.target/bufferutil/src/bufferutil.o
react-native@0.4.1 node_modules/react-native
  absolute-path@0.0.0
  stacktrace-parser@0.1.1
  react-timer-mixin@0.13.1
  underscore@1.7.0
  image-size@0.3.5
  yargs@1.3.2
  bluebird@2.9.25
  worker-farm@1.1.0 (xtend@4.0.0, errno@0.1.2)
  source-map@0.1.31 (amdefine@0.1.0)
  chalk@1.0.0 (escape-string-regexp@1.0.3, ansi-styles@2.0.1, supports-color@1.3.1)
  optimist@0.6.1 (wordwrap@0.0.2, minimist@0.0.10)
  rebound@0.0.12
  debug@2.1.3 (ms@0.7.0)
  promise@7.0.1 (asap@2.0.3)
  uglify-js@2.4.20 (uglify-to-browserify@1.0.2, async@0.2.10, source-map@0.1.31)
  sane@1.0.3 (watch@0.10.0, minimatch@0.2.14, fb-watchman@0.0.0, wstream@0.0.0)
  connect@2.8.3 (methods@0.0.1, uid2@0.0.2, fresh@0.1.0, pause@0.0.0)
  .14, send@0.1.2)
  jstransform@10.1.0 (base62@0.1.1, esprima-fb@13001.1001.0-dev-harmony)
  joi@5.1.0 (topo@1.0.2, isemail@1.1.1, hoek@2.12.0, moment@2.10.2)
  module-deps@3.5.6 (inherits@2.0.1, shallow-copy@0.0.1, minimist@0.0.10)
  -stream@1.0.33, concat-stream@1.4.8, duplexer2@0.0.2, browser-resolve@0.0.0)
  react-tools@0.13.1 (commoner@0.10.1)
  ws@0.4.31 (tinycolor@0.0.1, options@0.0.6, commander@0.6.1, nan@0.0.0)
Setting up new React Native app in /Users/chriscai/code/reactdemo
```

Next steps:

Open /Users/chriscai/code/reactdemo/reactdemo.xcodeproj in Xcode
Hit Run button

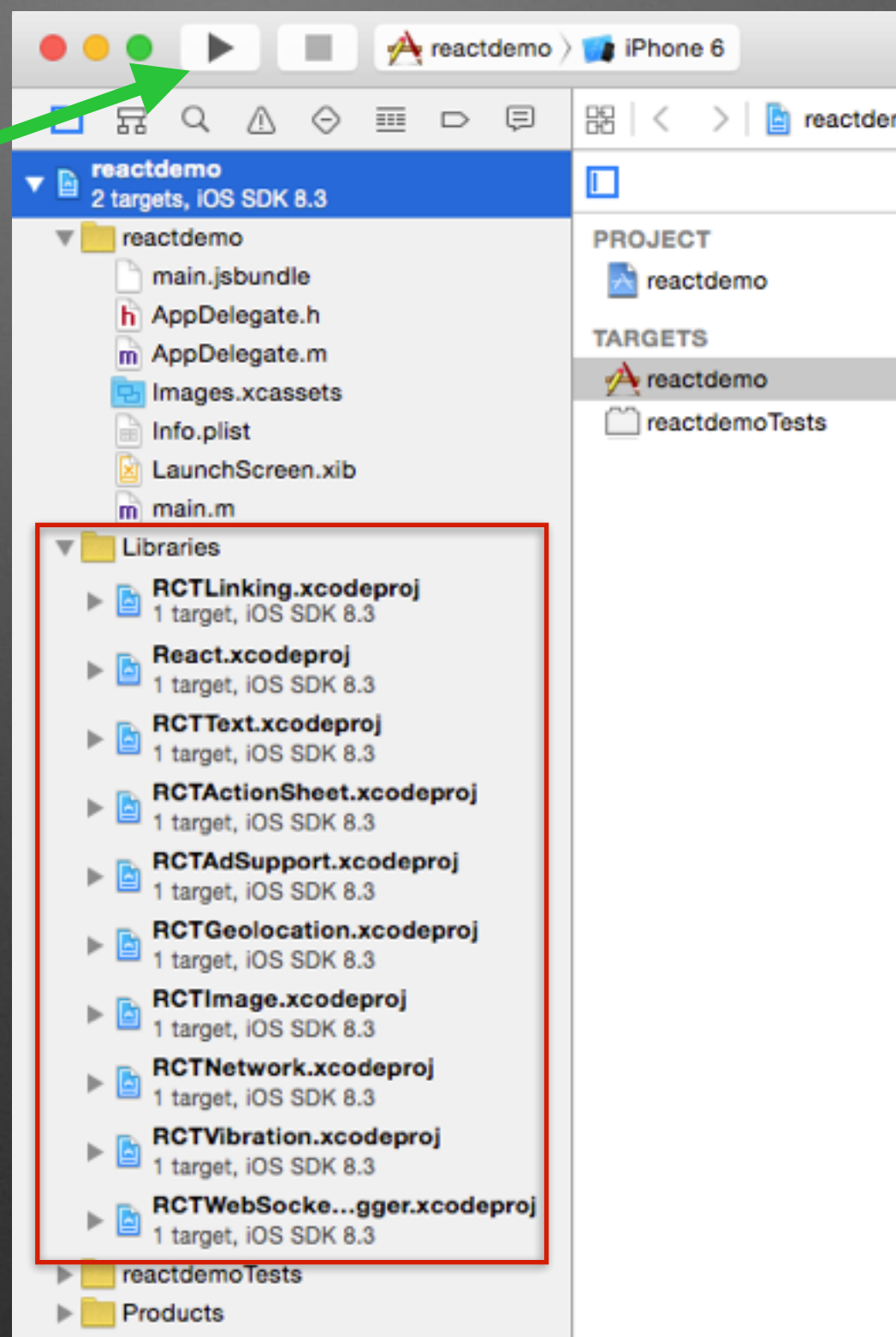
我们的主角



reactdemo				
名称	^	修改日期	大小	种
index.ios.js		今天 下午1:43	1 KB	Js
▶ iOS		今天 下午1:43	--	文
▶ node_modules		今天 下午1:43	--	文
package.json		今天 下午1:43	203 字节	JS
reactdemo.xcodeproj		今天 下午1:43	35 KB	Xc
▶ reactdemoTests		今天 下午1:43	--	文

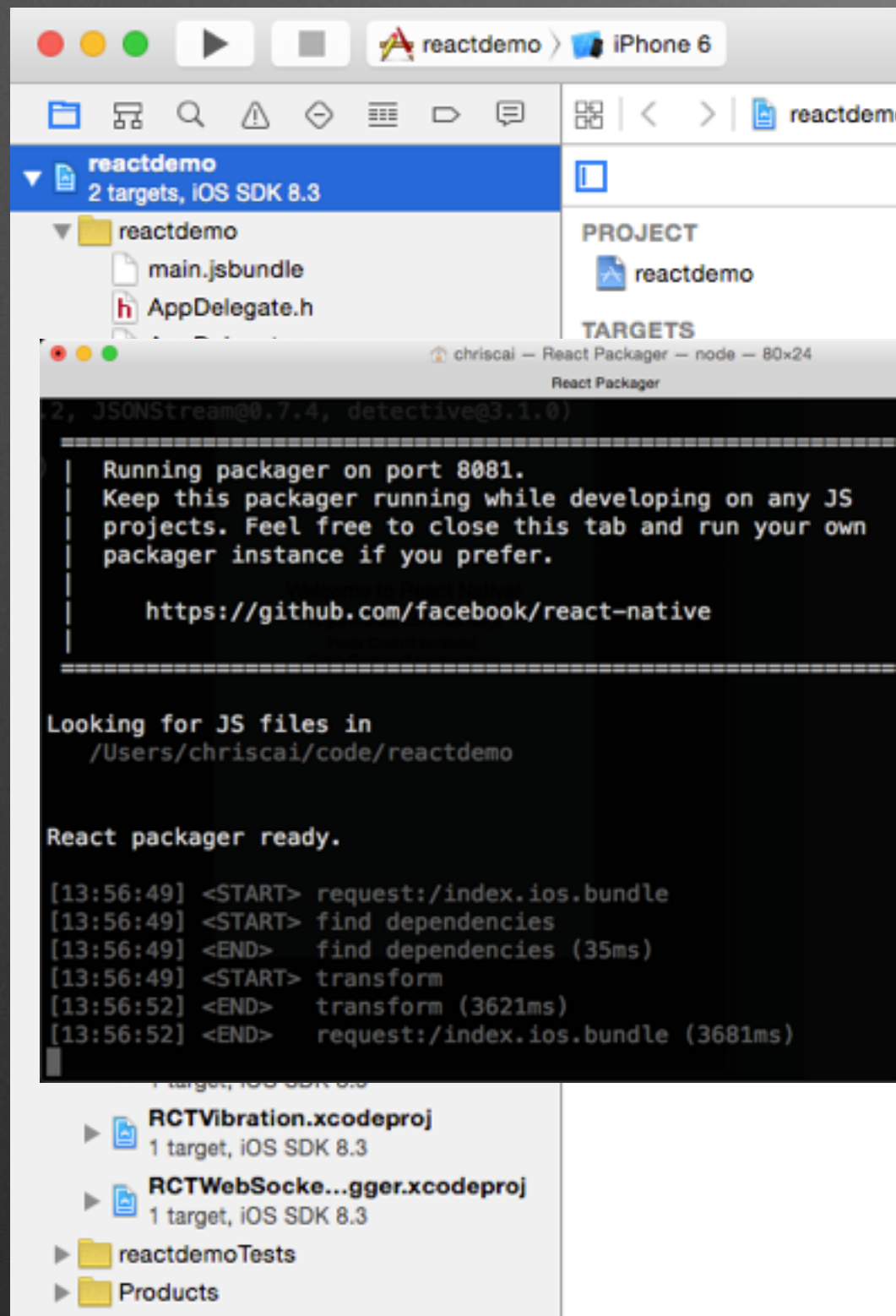
创建项目

走你



React Native的库

创建项目



模拟器启动，同时会有个终端窗口，react-native起了一个8081端口的服务器，用于我们的调试，显示我们的日志，相当于半个控制台

实战

实战



0-original



1-course



2-singleRow



3-singleRowWithData



4-multiRowWithArray



5-multiRowWithFetch

参考资料

- <http://facebook.github.io/react-native/docs>
- <http://react.parts/native-ios>
- <http://www.raywenderlich.com/99473/introducing-react-native-building-apps-javascript>