REACT-NATIVE

P2. SETUP

1

INSTALLATION (WINDOWS)

Go to link

https://facebook.github.io/react-native/docs/getting-started.html

Seletect "Building Projects with Native Code" > "Windows"

Install react native template generate tool:

```
npm install -g beesight
```

INSTALLATION (MAC)

- Xcode
  - [Download Xcode](#)
  - xcode-select –install
  - ensure Command Line Tools has been config

- Homebrew
  - https://brew.sh/
  - /usr/bin/ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"

- Cocoapod
  - brew install cocoapods
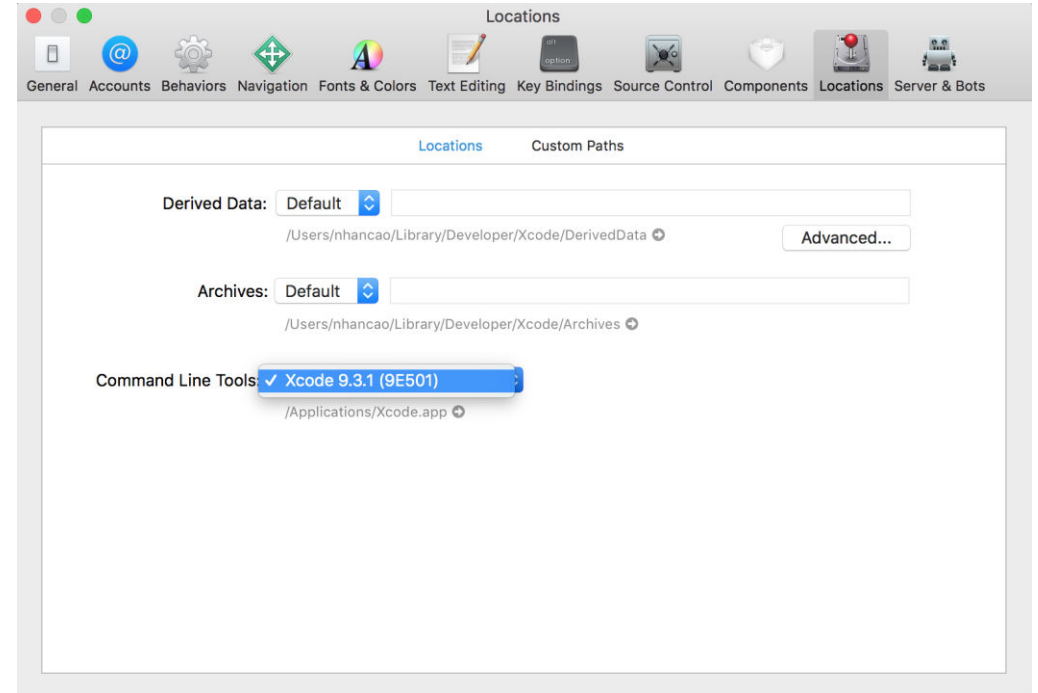
INSTALLATION (MAC)

- **Android studio**
  - [Download](#)
  - Android SDK (23.0.1)
  - Android SDK Platform
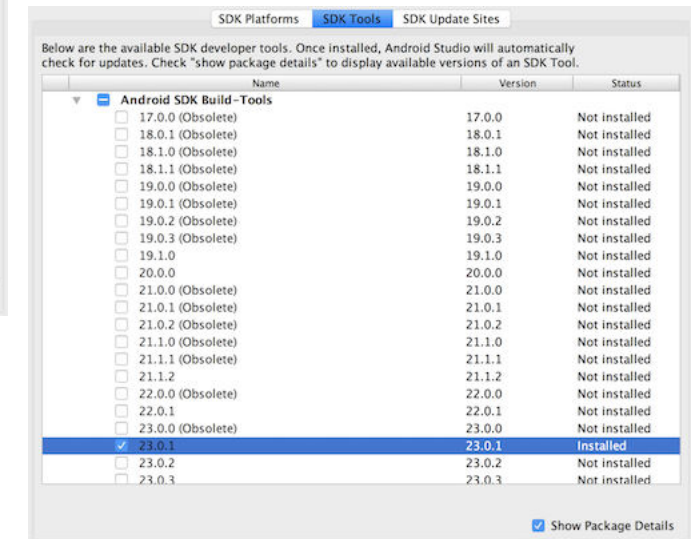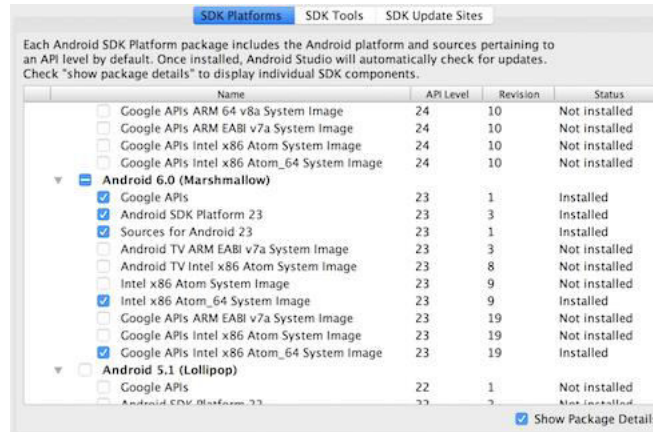   - Google APIs
    - Android SDK Platform 23
    - Intel x86 Atom_64 System Image
    - Google APIs Intel x86 Atom_64 System Image
  - Performance (Intel ® HAXM)
 - Android Virtual Device

INSTALLATION (MAC)

- Configure the **ANDROID_HOME environment variable**
  - Add the following lines to your *$HOME/.bash_profile* config file:

    ```
    export ANDROID_HOME=$HOME/Library/Android/sdk
    export PATH=$PATH:$ANDROID_HOME/tools
    export PATH=$PATH:$ANDROID_HOME/tools/bin
    export PATH=$PATH:$ANDROID_HOME/platform-tools
    ```

  - Type *source $HOME/.bash_profile* to load the config into your current shell

- **Preparing the Android device**
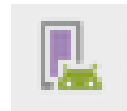
INSTALLATION (MAC)

- **Node**, watchman
  - brew install node
  - brew install watchman

- **RCT cli**
  - npm install -g react-native-cli
  - npm install -g beesight

- RCT tool
  - brew install imagemagick
  - npm install -g app-icon

VERIFY INSTALLATION (MAC)

xcodebuild -version
git --version
brew --version
pod --version
adb --version
emulator -list-avds
node --version
watchman --version
react-native --version
app-icon --version
beesight v

NEW RCT PROJECT

▪ Run command below

   beesight rct

NEW RCT PROJECT

- *cd beesight_test*
- Install dependencies by command '*npm i*'

- Start android emulator '*beesight avd*'
- Build and run android '*react-native run-android*'

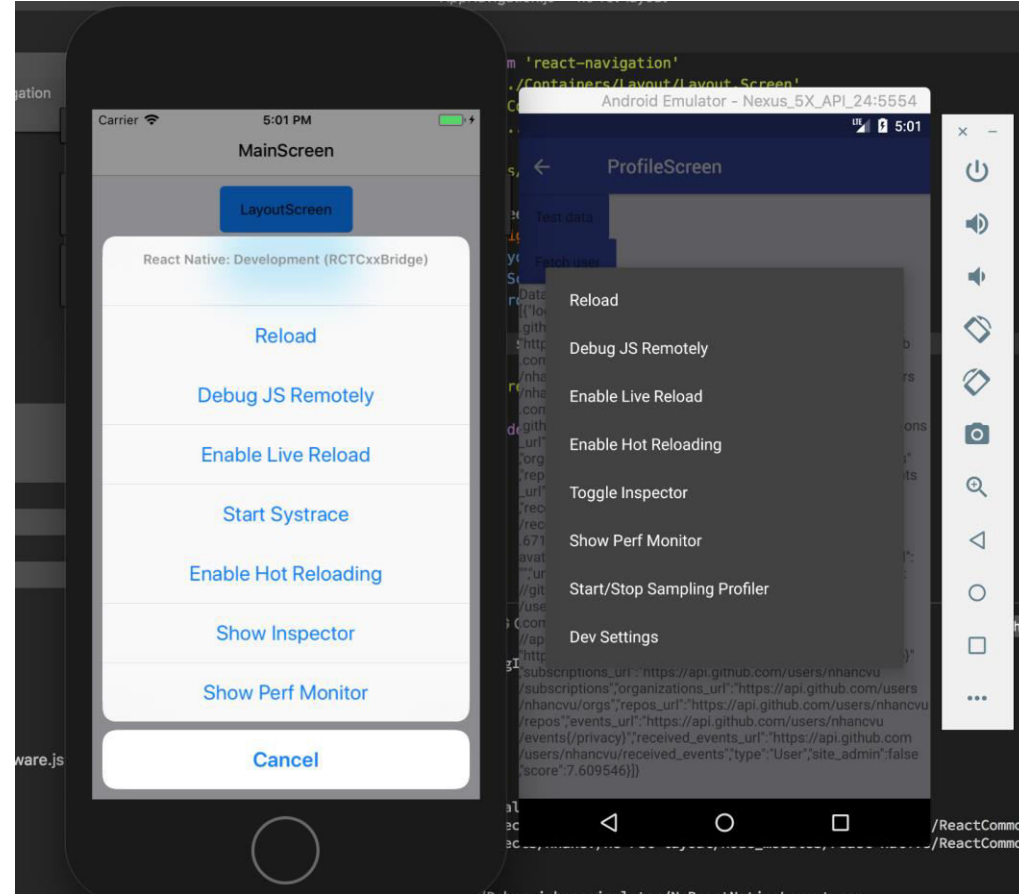- Build and run ios '*cd ios; pod install; cd ../; react-native run-ios*'
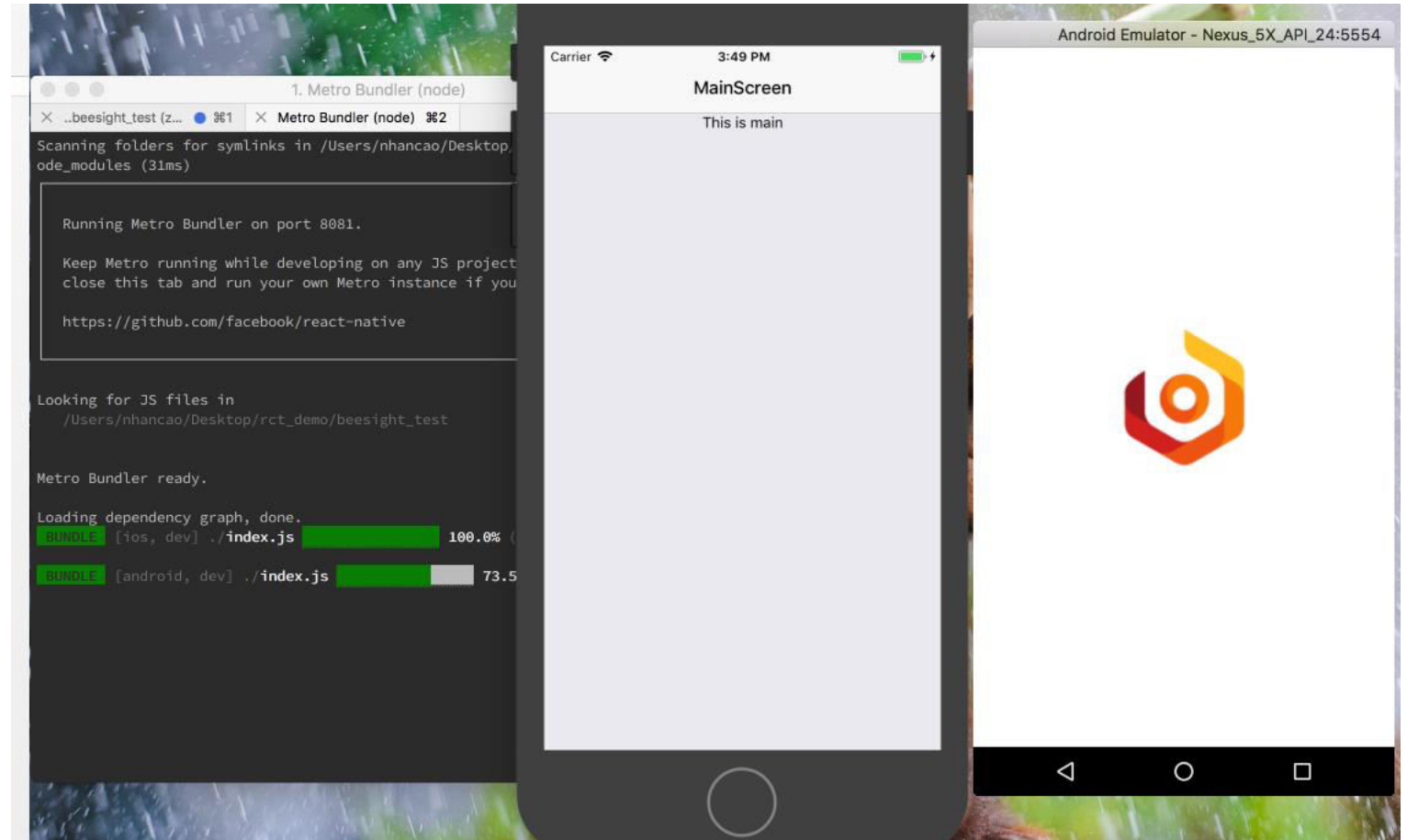
NEW RCT PROJECT

Open development popup
- Focus emulator
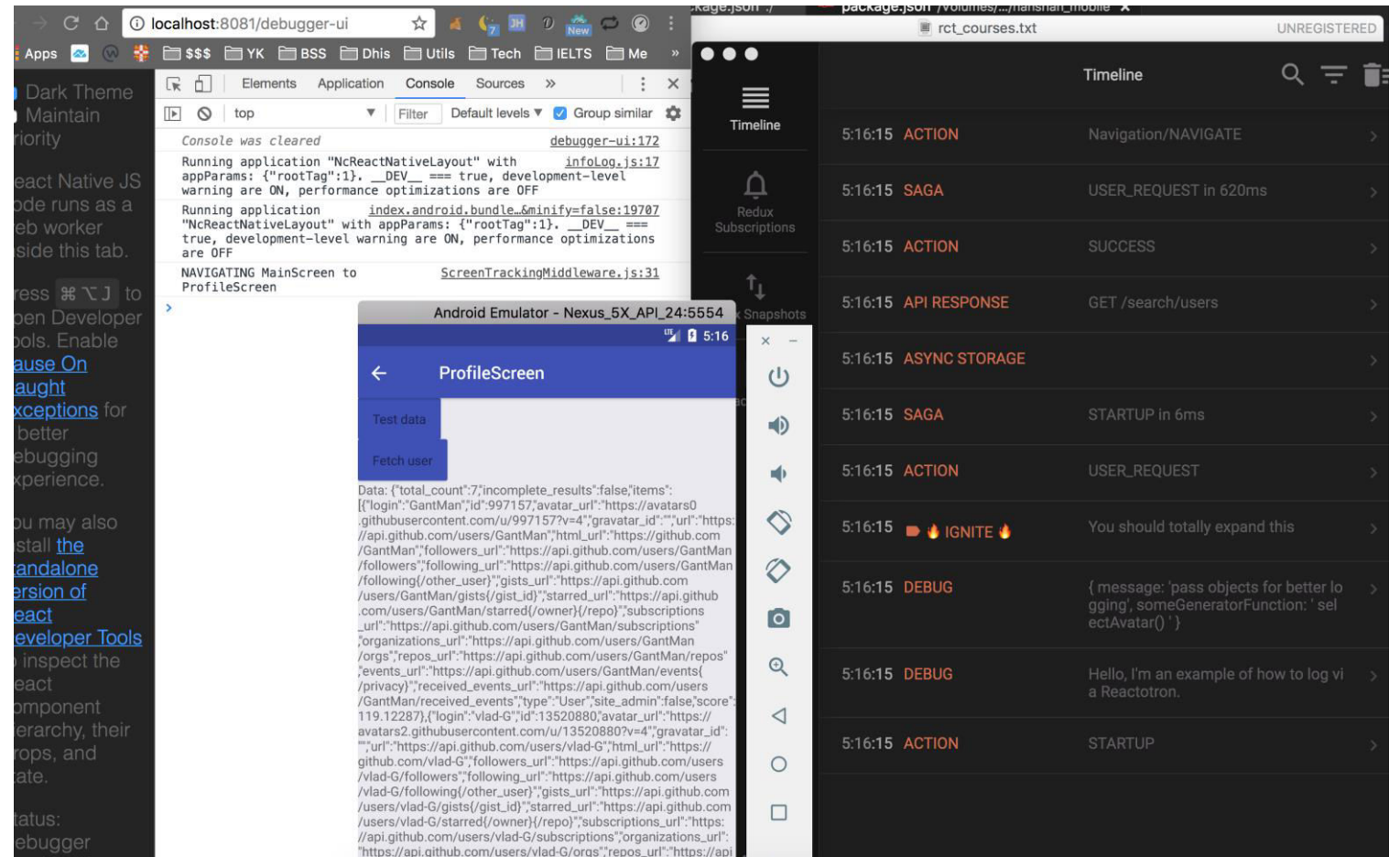- With iOS: Cmd + D
- With Android: Cmd + M

Reload shortcut key
- With iOS: Cmd + R
- With Android: R + R

DEBUGGER

- Default debugger: Open dev popup select "Debug JS Remotely"

- Using Reactotron (work on emulator)
- Debugger tool:
$ brew update && brew cask install react-native-debugger

REFERENCES

- https://facebook.github.io/react-native/

- https://github.com/dwmkerr/app-icon

- https://beesightsoft.github.io/beesight/

THANK YOU.