

iSled

Captuvo Emulator Controller User Guide

HSM

11/6/2015

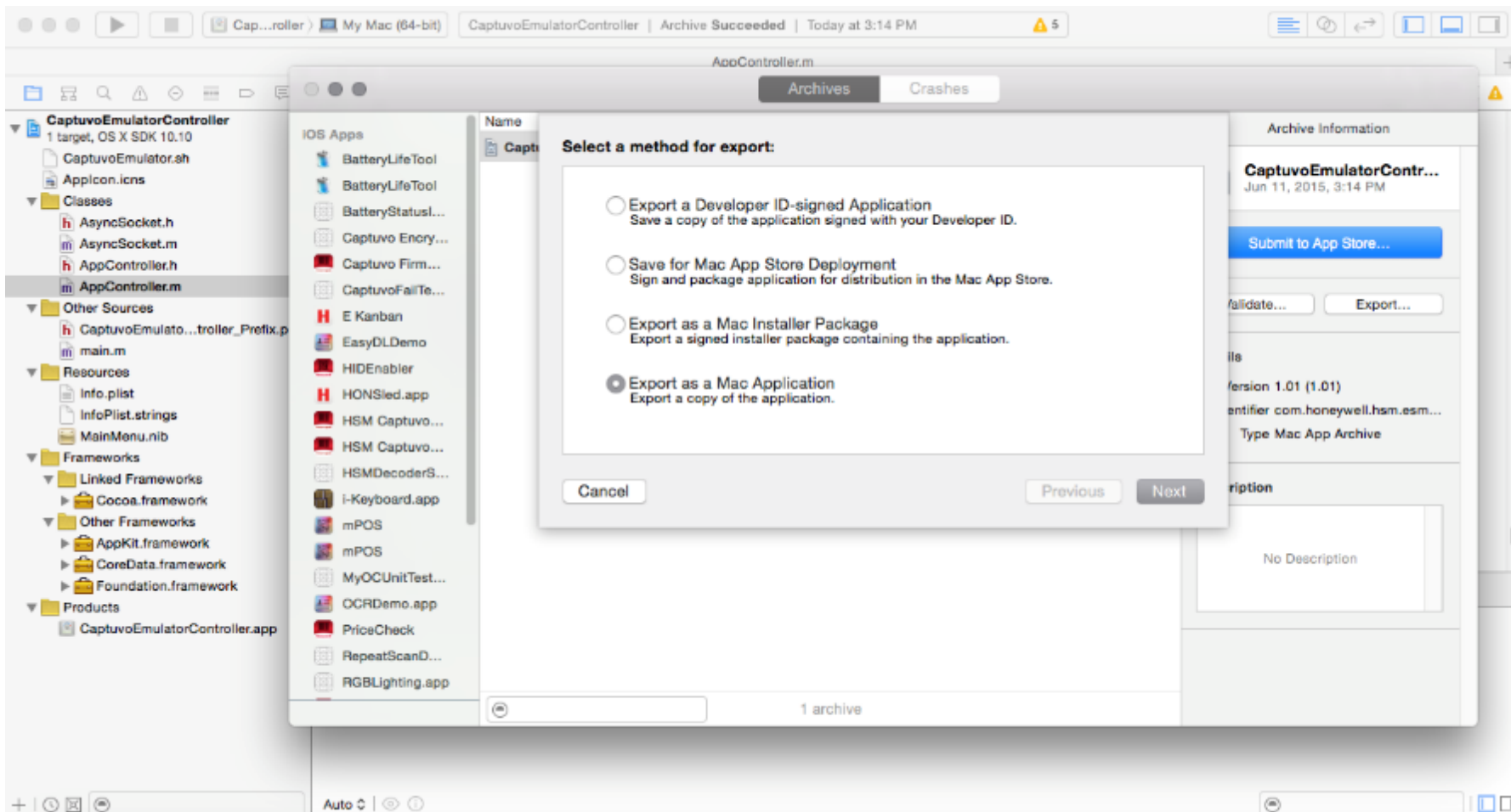
Honeywell

- **Honeywell provide one tool named Emulator control to mitigate the hard debugging in Isled2, It only works for Mac machine, and let you develop and test your app without using a physical device.**
- **The tool is a server and client pair, the server is itself and the client is the user APP. One thing should be reminded that is the server only handles one connection at one time.**

Distribute Captuvo Emulator Controller Server

Honeywell

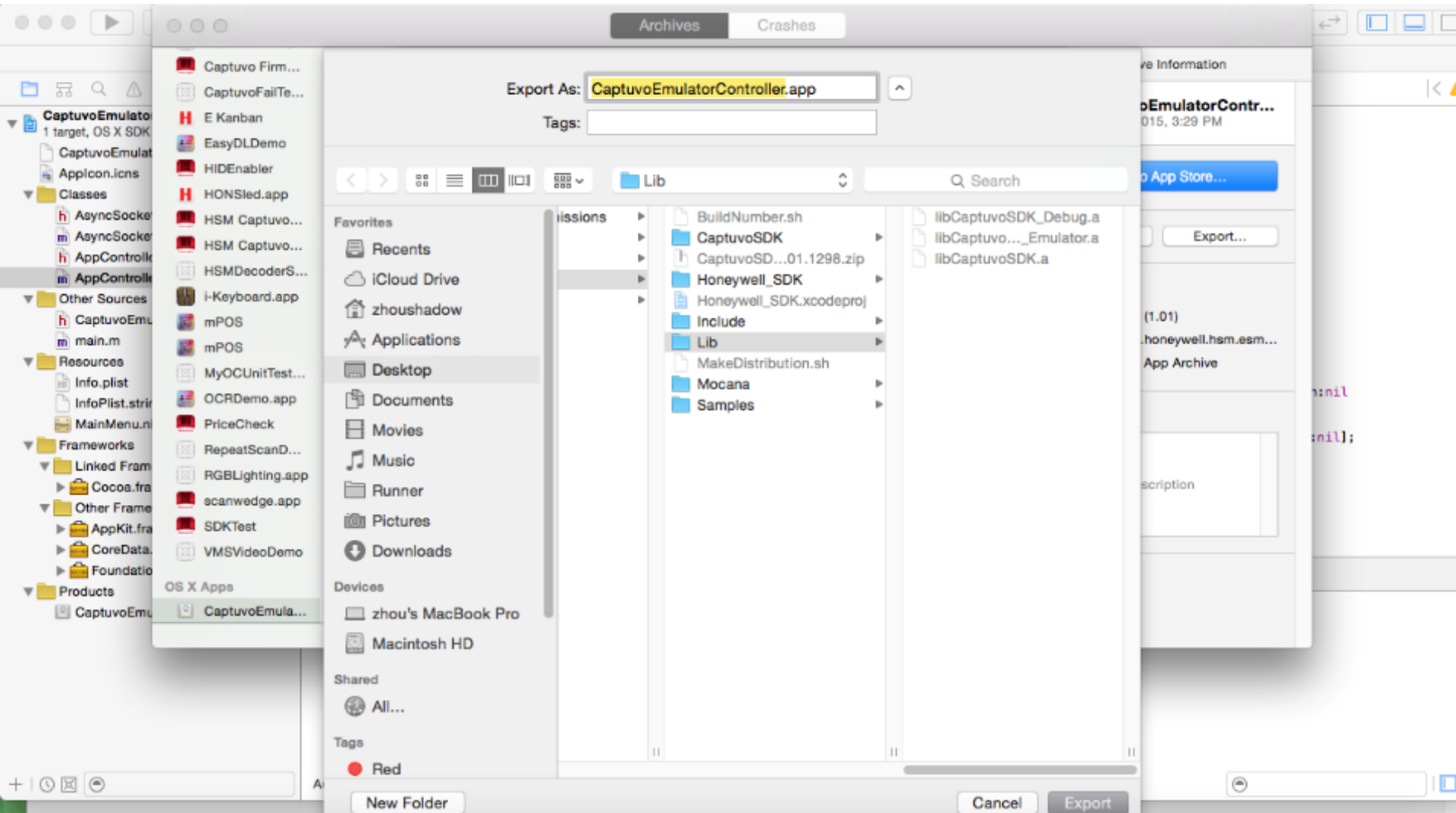
- Once Emulator Controller Server build and run Captuvo Emulator Controller successfully. It can be “Distribution” to run every mac machine.(But now we haven’t Mac Developer account, only distribution the Captuvo Emulator Controller app for un-verify use).
- The Steps:



Distribute Captuvo Emulator Controller Server

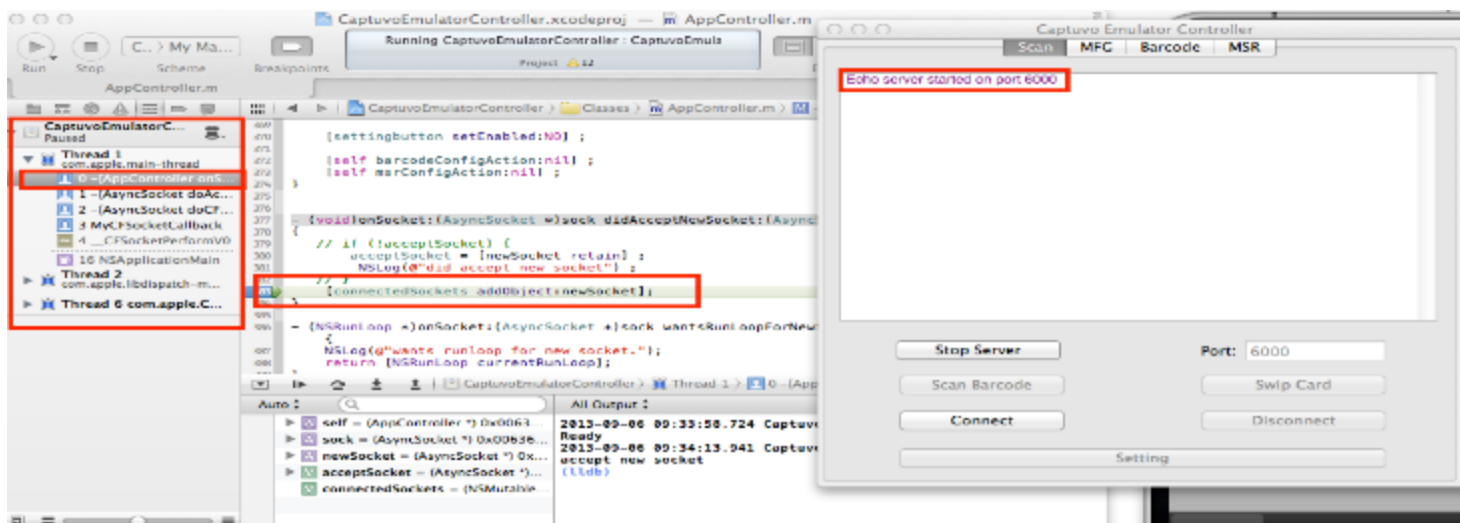
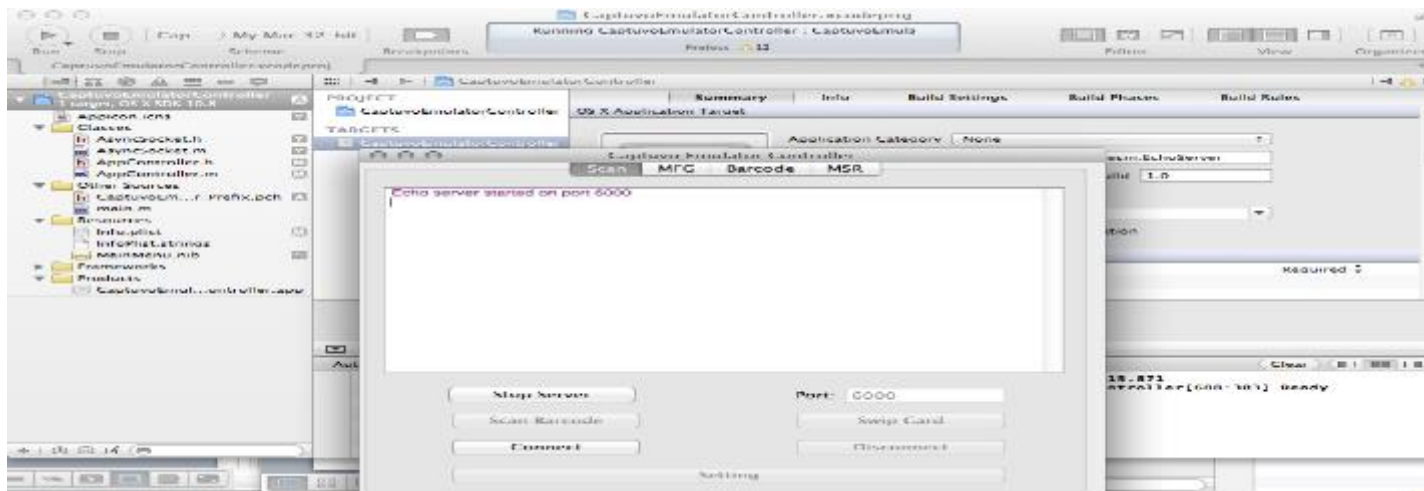
Honeywell

- Archive the Captuvo Emulator Server Application2



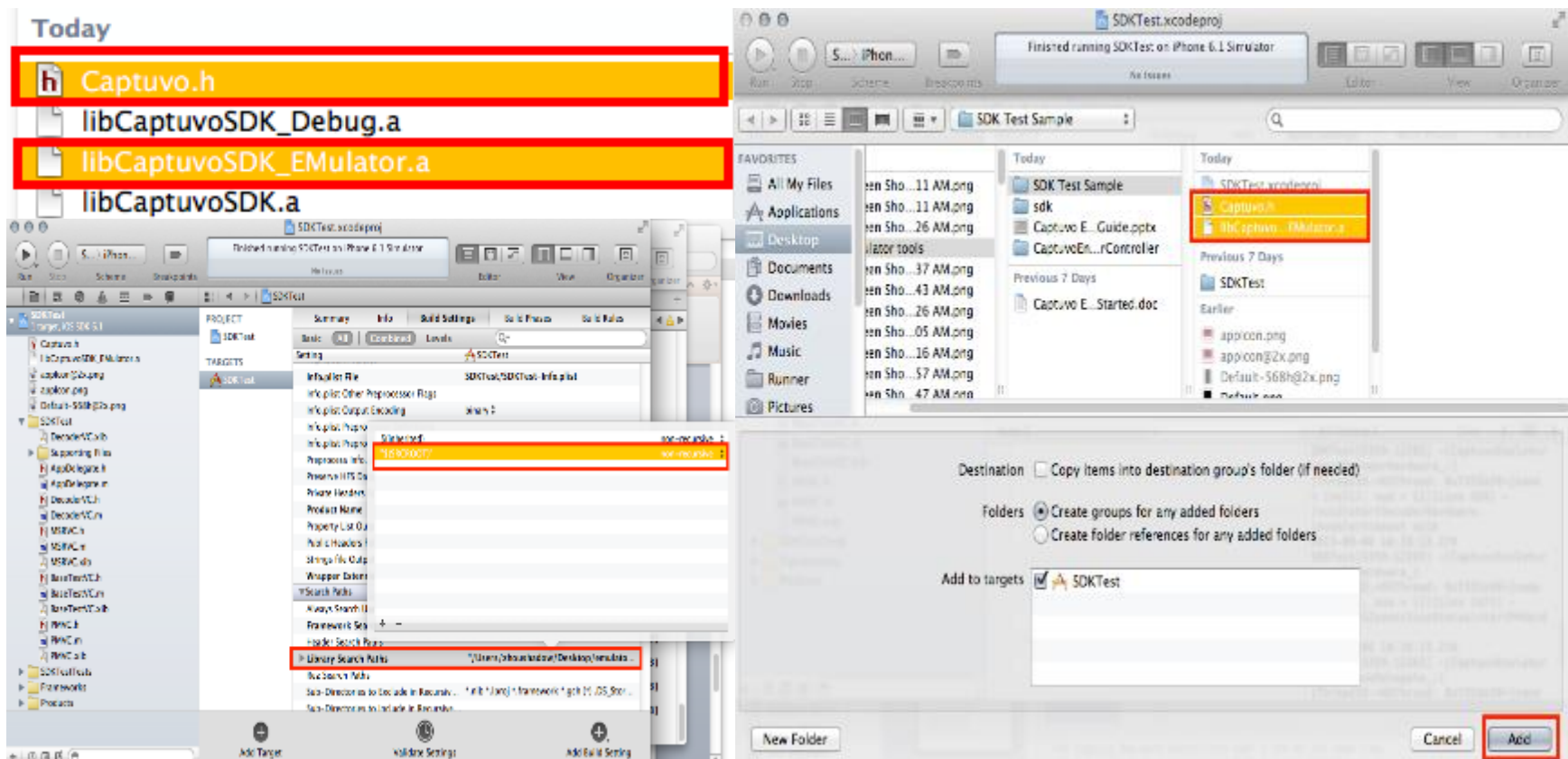
Run Captuvo Emulator Controller Server

- Build Captuvo Emulator Controller Server
 - In Mac machine build and run.
 - In Mac OSX run the app and debug it.



Getting Start Captuvo Emulator Controller

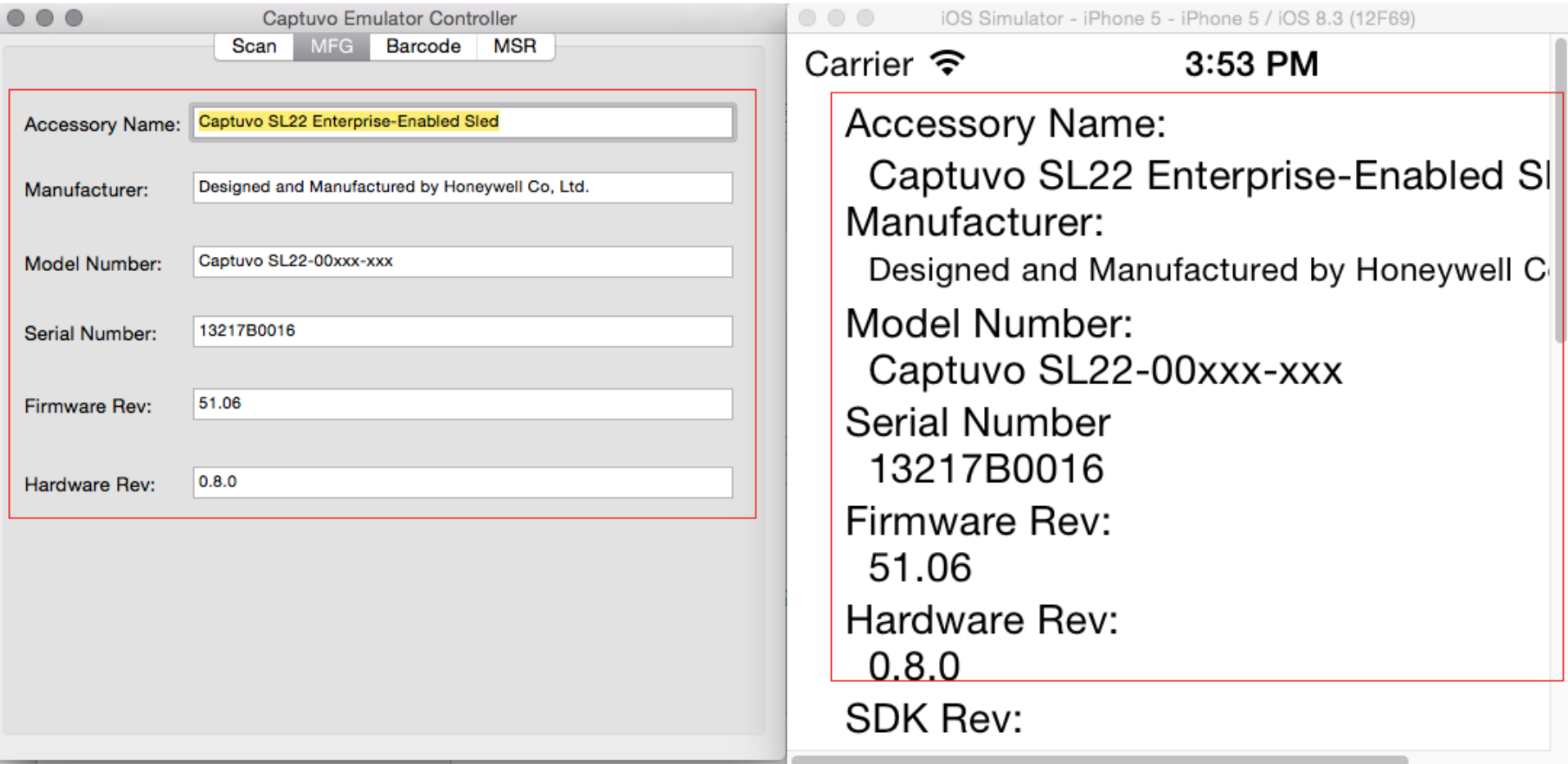
- Get the Emulator's iOS SDK copy them into your project.
- Add the Captuvo.h and CaptuvoEmulatorSDK.a (header and lib files) into project.*.project
- Check the Library Path, should define in "SRCROOT" directory.



Getting Start Captuvo Emulator Controller

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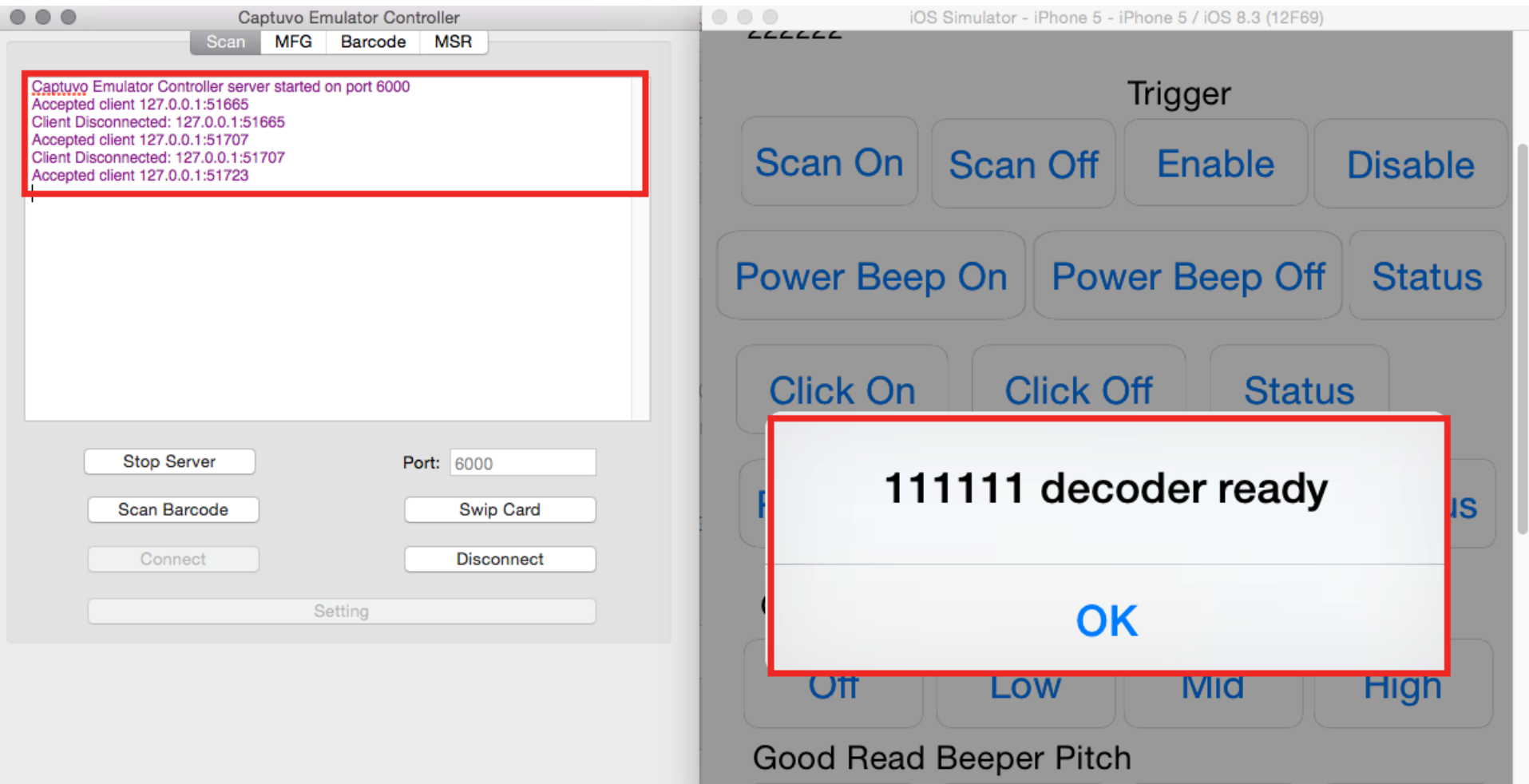
- Build the project added Captuvo Emulator SDK



Start Debugging Captuvo Emulator SDK

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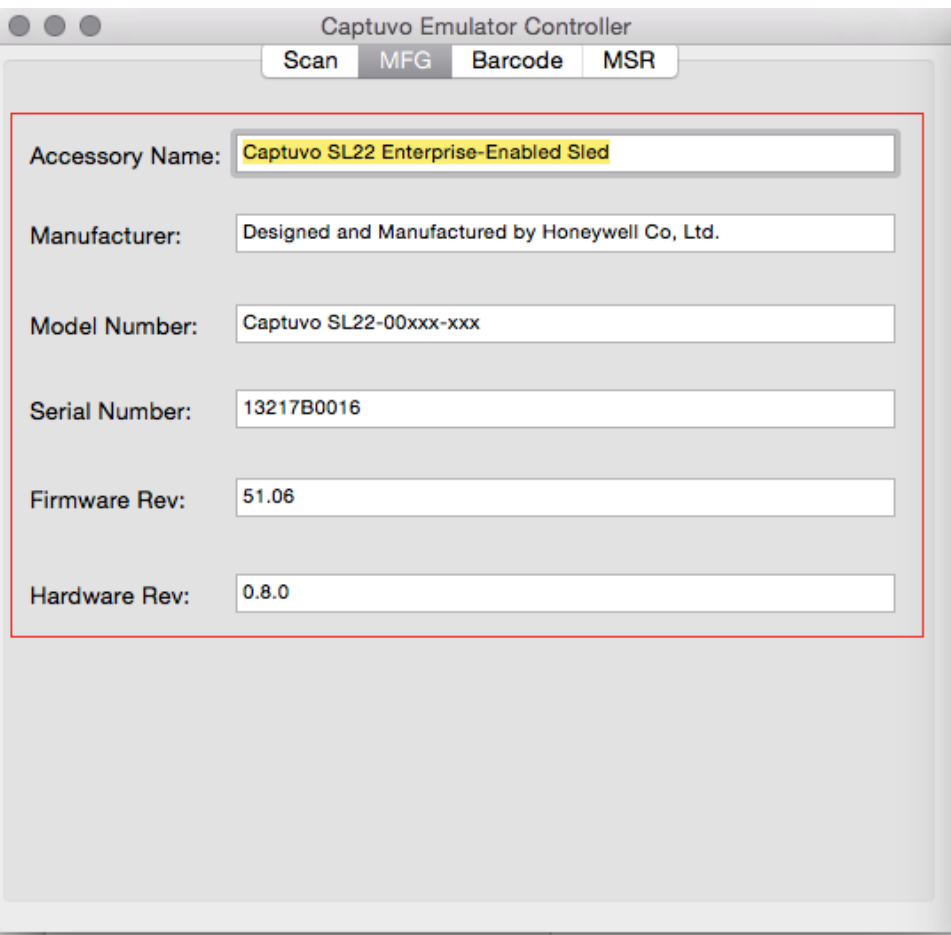
- Run the Captuvo Emulator Controller Server
- Run your project.xx.project(SDKTest.project)
 - Captuvo Emulator Controller run
 - ♦ Check Emulator Server connected Client
 - Run SDKTest app
 - ♦ Tap Captuvo Connected “OK” will get MFG configuration of Captuvo Emulator Controller’s setting.



Debugging Captuvo Emulator SDK

- MFG

- Accessory Name,Manufacturer,Model Number, Serial Number, Hardware Rev.
- SDKTest Client get the information from Captuvo Emulator Server.



Captuvo Emulator Controller

Scan MFG Barcode MSR

Accessory Name: Captuvo SL22 Enterprise-Enabled Sled

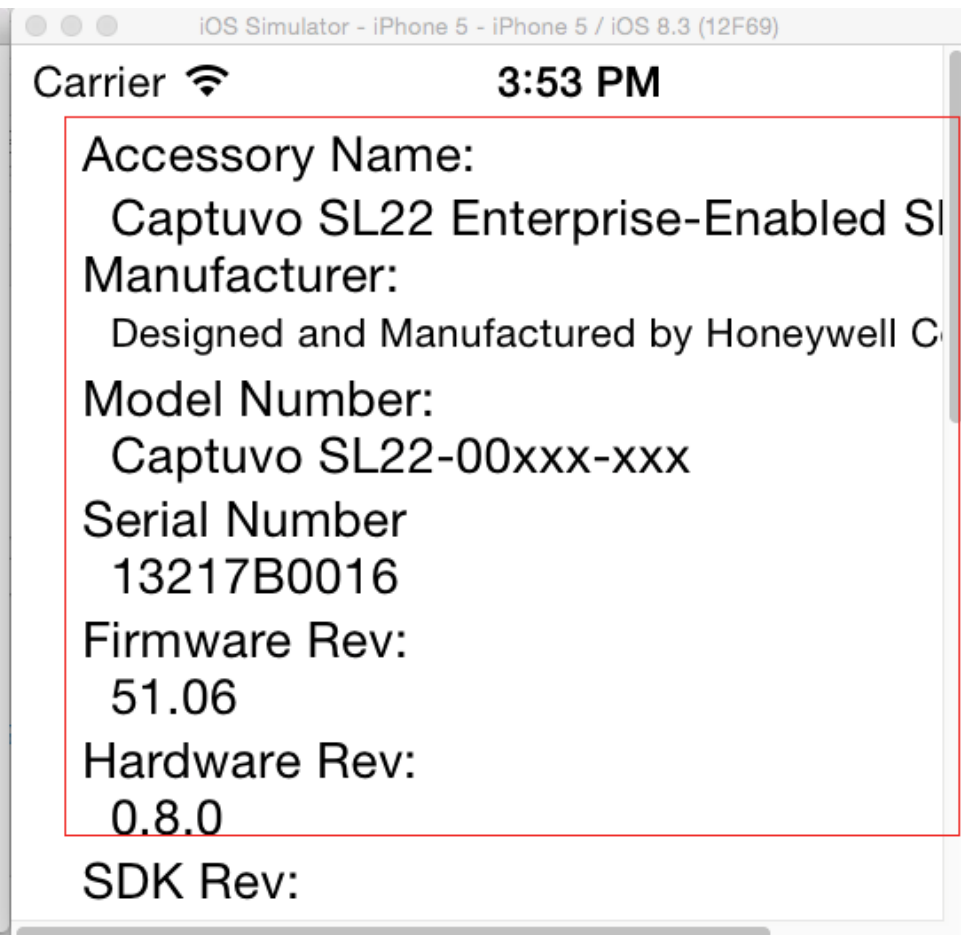
Manufacturer: Designed and Manufactured by Honeywell Co, Ltd.

Model Number: Captuvo SL22-00xxx-xxx

Serial Number: 13217B0016

Firmware Rev: 51.06

Hardware Rev: 0.8.0



iOS Simulator - iPhone 5 - iPhone 5 / iOS 8.3 (12F69)

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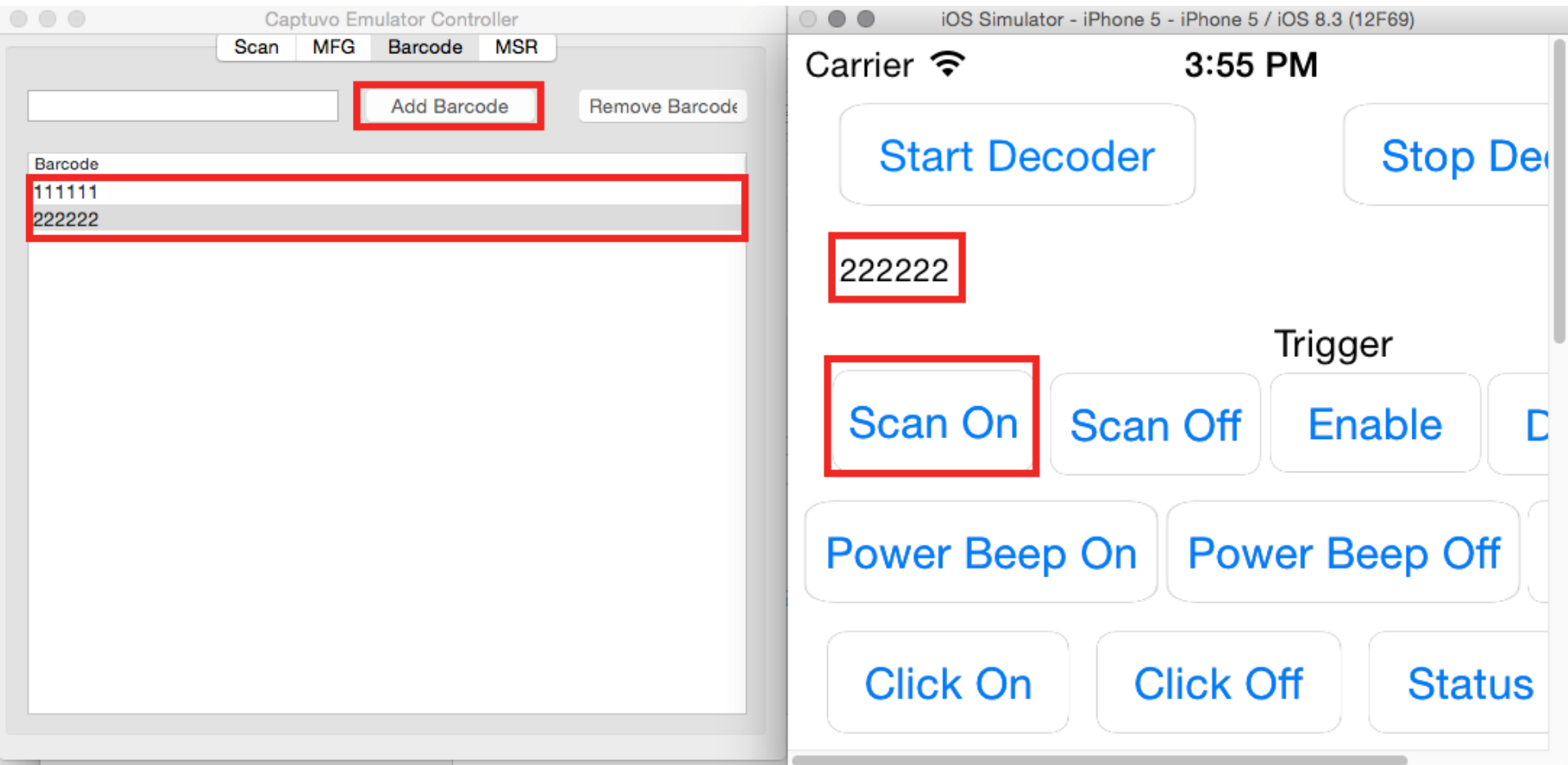
Hardware Rev:
0.8.0

SDK Rev:

Debugging Captuvo Emulator SDK

Honeywell

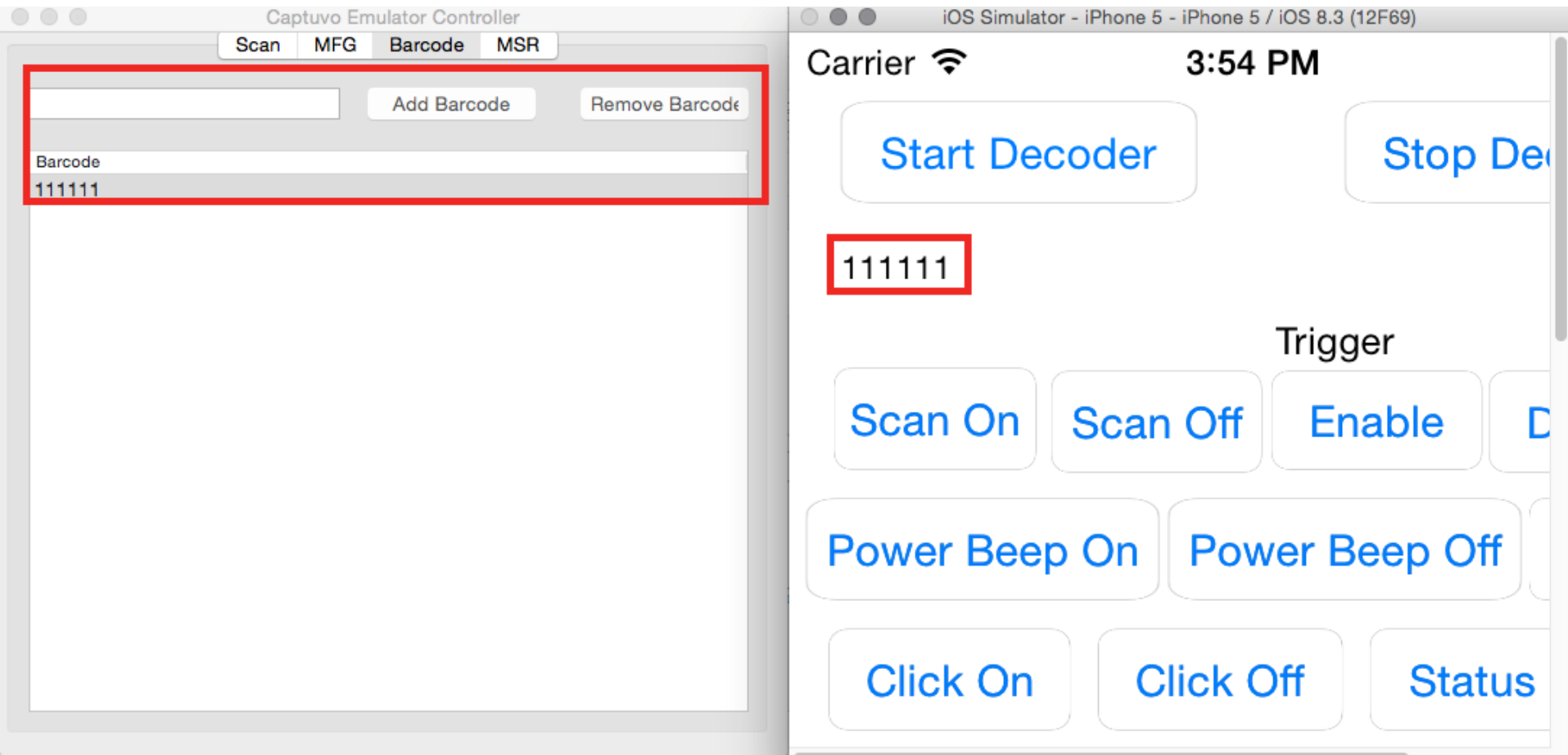
- Click Captuvo Emulator “Setting”
 - “Scan barcode” & “Swipe card” can working.
 - The Barcode and MSR list already sent to Client(SDKTest)



Debugging Captuvo Emulator SDK

Honeywell

- Add Barcode
 - Add action and remove action will auto send the Barcode list into Client.
- Client (SDKTest app) scan
 - Scan the result



- The user app only run on the emulator not physical device if you desired the tool is available.
- Port setting: by default, the port is 6000. Once you run the user App for first time, there will create a plist file named CaptuvoConfil.plist on the folder Document on emulator, then you can modify the port number in the plist file to match the port number on Captuvo Emulator Controller Server .
- **Some interfaces are not work :**
 - You can configure symbology property but there is not any response for this configuration .
 - Client(iOS SDKTest app) still running, Captuvo Emulator Controller Close, then reopen, it is still can not working. Should reopen Client(iOS SDKTest app) again to connect again.
 - Power Manager is not available