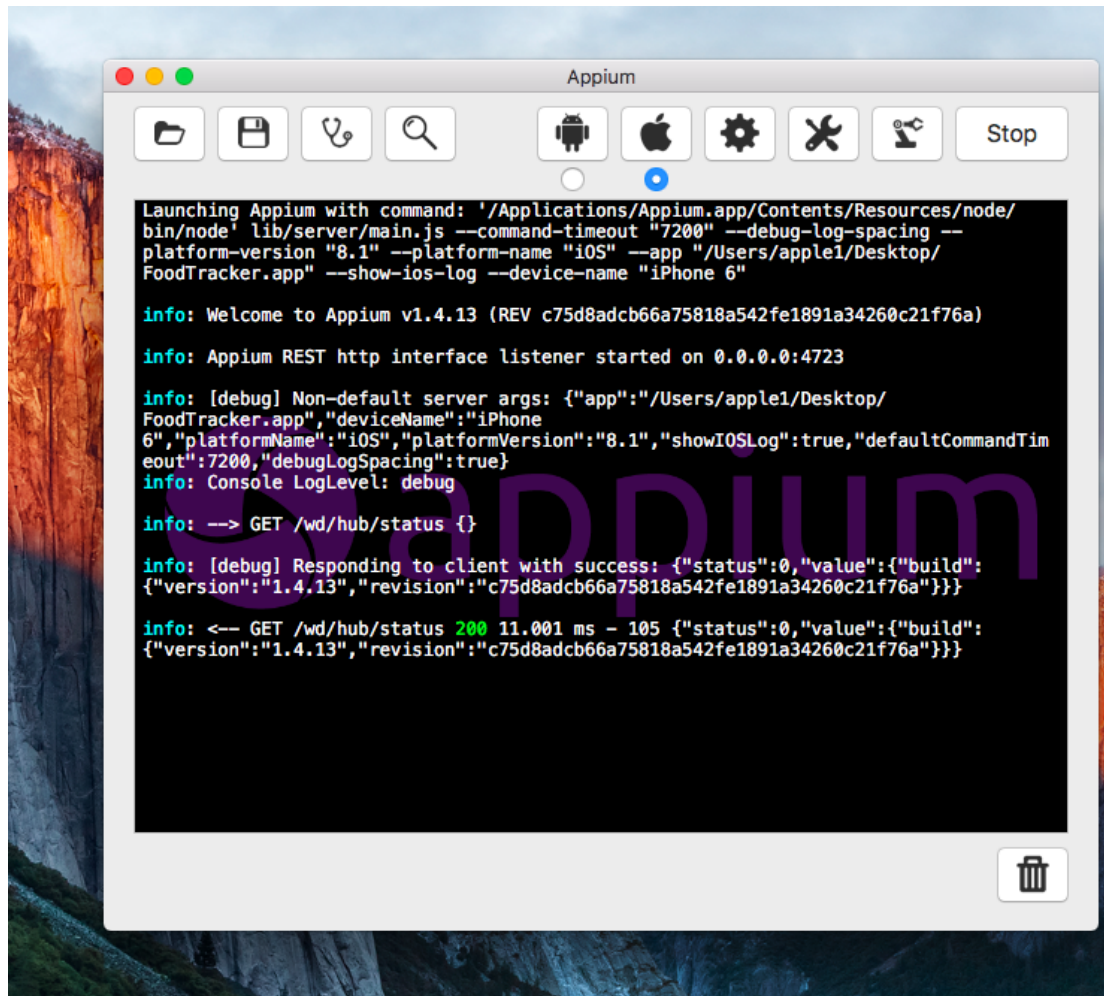**Unit Test**

As our team developed an iOS APP, we need to package our app into a .ipa file and upload it on AWS to test the result. However, we must use a APP developer account to get certificate and then package the APP. In order not pay the bill I decided to use another tool to test our APP. Thus, I choose Appium.

Appium is an open-source tool for automating native, mobile web, and hybrid applications on iOS and Android platforms. Native apps are those written using the iOS, Android, or Windows SDKs. Mobile web apps are web apps accessed using a mobile browser.

Firstly we need to open our Xcode project and choose the virtual simulator. I choose iphone 6. After choosing the device I click product-clear and product-build. Then I go the the product folder and find the FoodTracker.app. Let it shown in folder and drag it out to the desktop.

Go to appium.dmg to download the appium desktop. Open the appium and click the apple icon. Build the path to find the FoodTracker which is on the desktop and then build it. The result will show on the screen.

Then click the discover button to run the simulator.