**IOS Automation With Appium Using Python**

1. Download the Xcode and install it from “App Store”
2. Download the Appium IOS App Demo code (.zip file) from gitgub

i) Google it for “UI Catalog”

ii) Open the github link <https://github.com/appium/ios-uicatalog>

1. UnZip the file and click on click on UICatalog folder and then click on UICatalog.xcodeproj file in that unzip folder and it will open in xcode
2. Click on "show project navigator" @ top left under the Red cross mark in xcode
3. Under Products folder we can see the ".app" file install it in the iphone simulator and then copy the file and place it under any folder to give that path in our Appium code
4. Start the coding in IDE for Appium

**Appium Inspector Data**

"platformName": "IOS",

"platformVersion": "13.2",

"deviceName": "iPhone 11 Pro",

"automationName": "XCUITest",

"app": "/Users/sujithreddy/Documents/IOS\_APPS/UICatalog.app"

**IOS Real Device SetUp**

<http://appium.io/docs/en/drivers/ios-xcuitest-real-devices/>

1. Install libimobiledevice and ios-deploy below brew commands

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

brew install libimobiledevice

brew install ios-deploy

1. Create the Apple id (<https://developer.apple.com/account/>) and get the developer account you need to pay $99 (For Developer Account)
2. Open the UICatalog project( <https://github.com/appium/ios-uicatalog> ) in Xcode → in “General” selection select target device version and Select ( Signing & Certificates) → select the Team ID → Give the data in “Bundle Identifier” name its is Unique name should be given
3. Select the device at top and Run it , then it will successfully install the app in your device and copy the app in some folder
4. Now We need to create a dummy project and name it as “WebDriverAgentRunner” and install that as well in real device “<http://appium.io/docs/en/drivers/ios-xcuitest-real-devices/>”
5. Create the file in Pycharm with required capabilities and execute the code

**IOS Hybrid App Automation**

<http://appium.io/docs/en/writing-running-appium/web/hybrid/>