1. **Intended Audience**:

This document is a guide for the tester who wants to setup a XCUITest Framework on iOS platform with the upgrade of iOS, MAC OS version

1. **Dependencies**:

2.1 **Appium Desktop upgrade:**

2.1.1 Get the latest version from the below git hub:

<https://github.com/appium/appium-desktop/releases>

2.1.2 In order to refer the steps please follow:

http://www.automationtestinghub.com/appium-desktop/

2.1.3 Download the mac.zip file and extract the Appium desktop

Place it in the Applications folder

* 1. **XCode upgrade**:

2.2.1 Read through the Release Notes and find out the version:

<https://developer.apple.com/documentation/xcode_release_notes>

2.2.2 Get the latest version of XCode downloaded from the App Store

2.2.3 In case the XCode version doesn’t support the present version on phone, make a relevant iOS version folder and copy the files from the previous iOS version folder

MacintoshHD/Applications/Xcode/Contents/Developer/Platforms/iPhoneOS.platform/DeviceSupport/12.3.1 (16F203)

2.2.4 Error: XCode alone is not sufficient on Sierra.

Install the Command Line Tools:

xcode-select --install

* 1. **ios-webkit-debug-proxy upgrade:**

2.3.1 Check the latest version of ios-webkit-debug-proxy:

https://github.com/google/ios-webkit-debug-proxy/releases

2.3.2 Upgrade the ios-webkit-debug-proxy <http://appium.io/docs/en/writing-running-appium/web/ios-webkit-debug-proxy/>

2.3.3 Check if the port is able to detect the web pages of the phone:

<http://localhost:27753/json>

* 1. **External dependencies for Appium-xcuitest-driver:**

2.4.1 Follow the commands as mentioned on the GitHub page:

[https://github.com/appium/appium/blob/master/docs/en/drivers/ios- xcuitest-real-devices.md](https://github.com/appium/appium/blob/master/docs/en/drivers/ios-%20%20%20%20%20%20%20%20xcuitest-real-devices.md)

2.4.2 <https://github.com/appium/appium-xcuitest-driver>

* 1. **References:**

2.5.1 <https://www.youtube.com/watch?v=2_xHmofGgUE>

2.5.2 <https://gopekannan.wordpress.com/2017/08/26/how-to-setup-appium-in-mac-for-automating-ios-10-and-above/>