# Appium Set Up for iOS Automation

Please go through the below link before we start the installations of the software required.

<https://tools.lowes.com/confluence/display/IT/iOS+New+Developer+System+Setup>

The first important thing is to make sure you have local admin rights.

Below are the list of software require to start with Appium for iOS Automation

1. **Java- Download & Install Java SE Development Kit 8 for Mac OS**, <http://www.oracle.com/technetwork/pt/java/javase/downloads/jdk8-downloads-2133151.html>
2. **Download Eclipse IDE for java Developers,** <http://www.eclipse.org/downloads/index-developer.php?osType=macosx>
3. **Install Xcode(Version 8.0 or above), Xcode can be downloaded free from Mac App Store**
4. Install Homebrew- It helps you to install applications that are not installed by default on you Mac, it is designed to work without sudo.

**Install Homebrew command for terminal-**

ruby -e "$(curl -fsSL <https://raw.githubusercontent.com/Hom>

ebrew/install/master/install)"

**Uninstall Homebrew command**

ruby -e"$(curlfsSLhttps://raw.githubusercontent.com/Homebrew

/install/master/uninstall)"

After installing Homebrew, run Command brew doctor**,** you get the message “your system is ready to brew” if not try to fix the errors.

1. **Install Node.js using Homebrew**- brew install node

Once you install you can check version,

node –version

npm –version

1. **Install Appium using node.js**- npm install –g appium

To run appium give this command appium**,** Now appium server will be ready for accepting your requests

1. **Install Appium doctor-** npm install –g appium-doctor

**To verify all the dependencies are setup properly-** appium-doctor –ios

1. **Install appium.app, appium.exe(GUI),**

To install, Download the latest version from appium.io

Drag the appium.app to your application folder and run it.

1. **Install dependencies**,

brew install libimobiledevice

brew install carthage

npm install deviceconsole

npm install -g ios-deploy

npm install ios-deploy –HEAD

npm install deviceconsole –HEAD

1. **Install Xcode command line tools,**

xcode-select –install

1. Download selenium Web driver language binding library for java from section

“Selenium Client & Webdriver Language Bindings” Present on below link

<http://docs.seleniumhq.org/download/>

1. Download Appium client, when using appium you need to use these client libraries instead of your regular Webdriver client

Link :<https://search.maven.org/#search%7Cga%7C1%7Cg%3Aio.appium%20a%3Ajava-client>

1. Authorize the use of iOS Simulator by running – npm install –g authorize-ios
2. For Setting up the project use below link

<https://tools.lowes.com/confluence/pages/viewpage.action?pageId=32638551>

1. Once you are done with everything run this commands in terminal one by one

brew update

brew unlink libimobiledevice ios-webkit-debug-proxy

brew uninstall --force libimobiledevice ios-webkit-debug-proxy

brew install --HEAD libimobiledevice

brew install --HEAD ios-webkit-debug-proxy

npm install remotedebug-ios-webkit-adapter -g