**Appium Setup With JavaScript**

**Node JS – 16.15.1**

* Setup path in environment variable
* Verify installation node –v

**Install Java JDK**

* Setup environment variable
* Verify version java –version
* <https://adoptium.net/download> (17)

**Android Studio**

* New user Variable %ANDROID\_HOME% = C:\Users\Lenovo\AppData\Local\Android\Sdk
* User variable path %ANDROID\_HOME%\platform-tools
* User variable path %ANDROID\_HOME%\tools
* In order to add tools folder then goto SDK manager and goto SDK tools tab.

Verification:

C:\Users\Lenovo>where android

C:\Users\Lenovo\AppData\Local\Android\Sdk\tools\android.bat

C:\Users\Lenovo>echo %ANDROID\_HOME%

C:\Users\Lenovo\AppData\Local\Android\Sdk

**Appium Inspector**

Version 2022.5.4

**Install Appium:**

Version 2.0.0-beta.40

Command : npm install –g appium@next

Command: npm install –g appium-doctor

Command: appium-doctor –android

**Install Appium Driver:**

appium driver install xcuitest

appium driver install uiautomator2

Verify appium driver list

**Setting up web driver**

**Steps:**

* Create a new directory
* Make directory mkdir webdriverio-appium
* Move to webdriverio-appium directory
* Type command npm init

**Install WebdriverIO CLI**

* Type command npm install @wdio/cli

**Setup webdriverIO config**

* Type command npx wdio config

**Challenge:**

* Error: Cannot find module 'Path' -> Installed ‘Path’ from npm
* Error appears randomly in connection-> Delete unneeded code added by vscode intellisense
* Error: application starts and close immediately -> Restart system change the device

**Open Emulator:**

C:\Users\Lenovo\AppData\Local\Android\Sdk\emulator>emulator -list-avds

C:\Users\Lenovo\AppData\Local\Android\Sdk\emulator>emulator.exe -avd Pixel3-EM

For Inspection:

Give appium port : appium -p 4724

Inspection device should be open to perform inspection on Appium Inspector