**MAC - Simulator Launch**

**Commands to interact :**

1.Simctl --> tool for interacting with IOS simulator

$ xcrun simctl help

2.To list out the available simulator

$ xcrun simctl list

3.To create a simulator from terminal from the above list

$ xcrun simctl create "Example Simulator" com.apple.CoreSimulator.SimDeviceType.iPhone-12 com.apple.CoreSimulator.SimRuntime.iOS-14-3

4.To launch the created simulator

$ xcrun simctl boot 26F892AB-AA36-45FD-95FA-0DD957A16C29

5.After Launching to list the simulators

xcrun xctrace list devices 🡪 to get all the device

xcrun simctl list devices | grep -w "Booted" 🡪 to get only the booted device

xcrun simctl list 'devices' 'booted'

**How to get the device id in ios?**

**Installation 🡪 npm install -g ios-deploy**

**Install 🡪 brew install carthage**

To get the bundle id from IOS

xcrun xctrace list devices -> device will have the name booted -> get he udid (Specifically for simulators)

***udid 🡪 Unique Device Identifier***

xcrun simctl listapps 62622A19-BE5E-45CE-AF31-EDE73B855E60

xcrun simctl listapps 08BBF8F2-37A6-42E0-AB9F-65C5E6AEC31B | grep "DailyCheck"

xcrun simctl listapps 9C4CF5F8-F6CD-44FC-AC73-5B595592AD1B | grep "DailyCheck"

**Andorid - Simulator**

adb devices

This will list all the devices attached to your machine

How to check the activity name from android – adb?

adb shell dumpsys window windows | grep -E 'mCurrentFocus|mFocusedApp|mInputMethodTarget|mSurface'

Java - we have it in our syllabus(Intermidiate)

Selenium(Optional)

Appium -> it has its own commands

apk.info -> application can be installed in the andorid devices

eclipse (or) intellij

nodejs -> npm -> node package manager -> this will al the liobrary files required for your appium installation

Installation via nodejs for windows

npm i -g appium

appium driver install uiautomator2

appium -v --> this will check the verison of appium installed

Mac machine:

npm i -g appium

appium driver list -> this will list down all the drievrs it requires for appium to work

appium driver install <name of the driver> -->generic

appium driver install uiautomator2

- uiautomator2@2.34.1 [installed (npm)]

- xcuitest@5.8.2 [installed (npm)]

- mac2@1.8.8 [installed (npm)]

- espresso@2.29.2 [installed (npm)]

- safari@3.5.8 [installed (npm)]

- gecko@1.2.9 [installed (npm)]

- chromium@1.2.40 [installed (npm)]

Troubleshooting adb:

Enter below command in the terminal

~/Library/Android/sdk/platform-tools/adb

Next command

sudo touch ~/.zshrc

set up ,

export ANDROID\_HOME=/Users/user-name/Library/Android/sdk

export PATH=$ANDROID\_HOME/platform-tools:$PATH

export PATH=$ANDROID\_HOME/tools:$PATH

export PATH=$ANDROID\_HOME/tools/bin:$PATH

**Split App Solution:**

Identify the app split using the below command

1.adb shell pm path co.motovolt.motovoltapp

2. pull the app

adb pull /data/app/~~oQjNLDdycI-hgulY0u8LgA==/co.motovolt.motovoltapp-BC8t3zPvEez7SA1KOWDmHA==/base.apk /Users/aravindbalaji/Documents/Appium/SampleApp/base.apk

adb pull /data/app/~~oQjNLDdycI-hgulY0u8LgA==/co.motovolt.motovoltapp-BC8t3zPvEez7SA1KOWDmHA==/split\_config.arm64\_v8a.apk /Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.arm64\_v8a.apk

adb pull /data/app/~~oQjNLDdycI-hgulY0u8LgA==/co.motovolt.motovoltapp-BC8t3zPvEez7SA1KOWDmHA==/split\_config.bn.apk /Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.bn.apk

adb pull /data/app/~~oQjNLDdycI-hgulY0u8LgA==/co.motovolt.motovoltapp-BC8t3zPvEez7SA1KOWDmHA==/split\_config.en.apk /Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.en.apk

adb pull /data/app/~~oQjNLDdycI-hgulY0u8LgA==/co.motovolt.motovoltapp-BC8t3zPvEez7SA1KOWDmHA==/split\_config.gu.apk /Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.gu.apk

adb pull /data/app/~~oQjNLDdycI-hgulY0u8LgA==/co.motovolt.motovoltapp-BC8t3zPvEez7SA1KOWDmHA==/split\_config.hi.apk /Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.hi.apk

adb pull /data/app/~~oQjNLDdycI-hgulY0u8LgA==/co.motovolt.motovoltapp-BC8t3zPvEez7SA1KOWDmHA==/split\_config.kn.apk /Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.kn.apk

adb pull /data/app/~~oQjNLDdycI-hgulY0u8LgA==/co.motovolt.motovoltapp-BC8t3zPvEez7SA1KOWDmHA==/split\_config.mr.apk /Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.mr.apk

adb pull /data/app/~~oQjNLDdycI-hgulY0u8LgA==/co.motovolt.motovoltapp-BC8t3zPvEez7SA1KOWDmHA==/split\_config.ta.apk /Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.ta.apk

adb pull /data/app/~~oQjNLDdycI-hgulY0u8LgA==/co.motovolt.motovoltapp-BC8t3zPvEez7SA1KOWDmHA==/split\_config.te.apk /Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.te.apk

adb pull /data/app/~~oQjNLDdycI-hgulY0u8LgA==/co.motovolt.motovoltapp-BC8t3zPvEez7SA1KOWDmHA==/split\_config.xxhdpi.apk /Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.xxhdpi.apk

3. drag and drop the apk files to the specified device at same time

/Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.arm64\_v8a.apk

/Users/aravindbalaji/Documents/Appium/SampleApp/base.apk

/Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.bn.apk

/Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.en.apk

/Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.gu.apk

/Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.hi.apk

/Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.kn.apk

/Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.mr.apk

/Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.ta.apk

/Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.te.apk

/Users/aravindbalaji/Documents/Appium/SampleApp/split\_config.xxhdpi.apk