

## USEFUL LINKS FOR MOBILE TESTING

Mobile Testing Appium main documentation is here: <https://appium.io/docs/en/2.1/>

Install link for latest JDK version <https://www.oracle.com/java/technologies/downloads/>

Install link for NodeJS <https://nodejs.org/en/>

Install link for Android Studio <https://developer.android.com/studio>

Install link for Appium Inspector <https://github.com/appium/appium-inspector/releases/tag/v2021.9.2>

For chrome driver executables: <https://chromedriver.storage.googleapis.com/index.html>

Appium inspector for Browser version: <https://inspector.appiumpro.com/>

JAVA\_HOME needs to be setup, and you can check here at this link: [https://confluence.atlassian.com/doc/setting-the-java\\_home-variable-in-windows-8895.html](https://confluence.atlassian.com/doc/setting-the-java_home-variable-in-windows-8895.html)

Enable virtualization if needed : <https://www.geeksforgeeks.org/how-to-enable-virtualization-vt-x-in-windows-10-bios/>

If you have installation issue with HAXM, link is here: <https://github.com/intel/haxm/releases>

Setup ANDROID\_HOME for Windows <https://stackoverflow.com/questions/26356359/error-android-home-is-not-set-and-android-command-not-in-your-path-you-must>

## TERMINAL / Command Line COMMANDS USED IN THE LESSON

- Important Note: To see hidden files on Mac, press Command + Shift + . (dot)
- To check installed java version “java —version”
- Verify installation with node -v and npm -v.
- “node -v. And npm -v”
- Install Appium Server, you need to open your Terminal and type either (npm i appium -g) or (npm i --location=global appium)
- Install UiAutomator2 Driver : “appium driver install uiautomator2”
- To give access for node\_modules you can use following command if necessary (if you get EACCESS denied error) :

- sudo chown -R yourUserName:/usr/local/lib/

- Below statement needs to be put into .zprofile or .bashprofile

```
export JAVA_HOME=$(/usr/libexec/java_home)
```

```
export ANDROID_HOME=/Users/{current-user-name}/Library/Android/sdk
```

```
export PATH=$PATH:~/local/bin:$ANDROID_HOME/tools:$ANDROID_HOME/platform-tools:$JAVA_HOME/bin
```

- To allow chrome driver install by Appium server run: `appium --allow-insecure chromedriver\_autodownload`
- To disable security for MacOS so chrome executable is allowed to run: `sudo spctl --master-disable`. (Use with caution)
- To understand your shell environment `echo \$SHELL`

/bin/bash: Indicates you are using Bash, and the configuration files may include .bashrc and/or .bash\_profile.

/bin/zsh: Indicates you are using Zsh, and the configuration file may include .zshrc.