Appium installation

Download android studio

Install on mac

Open android studio

It asks to install SDK

Graphical user interface, text, application

Description automatically generated

/Users/rb/Library/Android/sdk

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

<https://krishnachetan.medium.com/setup-appium-on-mac-1e06f1178427>

export JAVA\_HOME="/Library/Java/JavaVirtualMachines/jdk-15.jdk/Contents/Home"

export ANDROID\_HOME=/Users/rb/Library/Android/sdk

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

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

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

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

export PATH=$ANDROID\_HOME/build-tools/30.0.2:$PATH

export PATH=$ANDROID\_HOME/build-tools/30.0.2/bin:$PATH

inspecting elements in ios app

<https://kobiton.com/book/chapter-5-the-appium-inspector-2/>

Text

Description automatically generated

Click on search icon

Graphical user interface, application, Teams

Description automatically generated

{

"platformName": "iOS",

"platformVersion": "14.4",

"app": "/Users/rb/rb/proj/RbAppium/apps/TestAppRB.app",

"deviceName": "iPhone 12 Pro",

"automationName": "XCUITest"

}

Graphical user interface

Description automatically generated

Graphical user interface, text, application

Description automatically generated

xcrun simctl list

Android

<https://www.automatetheplanet.com/adb-cheat-sheet/>

For manual SDK, AVD, and project management, please use Android Studio.

For command-line tools, use tools/bin/sdkmanager and tools/bin/avdmanager

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Running /Users/rb/Library/Android/sdk/tools/bin/avdmanager list avd

Exception in thread "main" java.lang.NoClassDefFoundError: javax/xml/bind/annotation/XmlSchema

at com.android.repository.api.SchemaModule$SchemaModuleVersion.<init>(SchemaModule.java:156)

**Has to use java 8 ponly iwht android**

 had the issue as default installation of java was v11

java -version  
Should be : openjdk version "1.8.0\_252"

Fix:  
sudo apt-get install openjdk-8-jdk  
Don't worry won't overwrite  
Then switch to the correct version via  
sudo update-alternatives --config java

confirm correct output from java -version

than run avdmanager again.

<https://stackoverflow.com/questions/52524112/how-do-i-install-java-on-mac-osx-allowing-version-switching>

installer: Package name is AdoptOpenJDK

installer: Installing at base path /

installer: The install was successful.

🍺 adoptopenjdk8 was successfully installed!

Raveendras-MBP:sdk rb$ /usr/libexec/java\_home -V

Matching Java Virtual Machines (3):

15 (x86\_64) "Oracle Corporation" - "Java SE 15" /Library/Java/JavaVirtualMachines/jdk-15.jdk/Contents/Home

1.8.271.09 (x86\_64) "Oracle Corporation" - "Java" /Library/Internet Plug-Ins/JavaAppletPlugin.plugin/Contents/Home

1.8.0\_282 (x86\_64) "AdoptOpenJDK" - "AdoptOpenJDK 8" /Library/Java/JavaVirtualMachines/adoptopenjdk-8.jdk/Contents/Home

/Library/Java/JavaVirtualMachines/jdk-15.jdk/Contents/Home

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Raveendras-MBP:sdk rb$

avdmanager list avd