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Verification Steps

C:\Users\Geeth>appium –version

C:\Users\Geeth>node -v

Run the device emulator in android studio

In command prompt run as administrator and give adb devices

This will give the list of running devices in emulator

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Adb means android device bridge

<https://nodejs.org/en>

<https://developer.android.com/studio>

Appium discussion community

Discuss.appium.io

In cmd prompt, install uiautomator2

appium driver install uiautomator2

appium driver list

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[Releases · appium/appium-inspector (github.com)](https://github.com/appium/appium-inspector/releases)

Download Appium-Inspector-2024 3.4-win-x64.exe

Install Appium Inspector for windows machine

[appium/packages/appium/sample-code/apps/ApiDemos-debug.apk at master · appium/appium (github.com)](https://github.com/appium/appium/blob/master/packages/appium/sample-code/apps/ApiDemos-debug.apk)

Copy the file in your local folder

ApiDemos-debug.apk

Open Android studio, drag the apidemos-debug.apk file and drop into the emulator

Then the api demo is installed in the android emulator

Open the appium

Give the attributes

Remote host (127.0.0.1)

Remote port (4723)

Remote path (/)

Define the capabilities in the caps builder

{

“appium:automationName” : “UiAutomator2”,

“appium:platformName”: “Android”,

“appium:platformVersion”: “9”,

“appium:deviceName” : “emulator-5554”

}

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Save the configuration and Start the Session.

You will see the logs in the cmd prompt

You will be see the phone emulator with the Api-demo app on the main screen.

If you swipe up, then you will see the app.

If you face issue to connect the Appium Inspection session issue. Cannot create a session. Then delete the emulator in the Android Studio and Create a new virtual device. Select any device and download the software. Android 9 Pie (Pixel 8 API 28) This is the one I installed for learning.

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Eclipse

Create Maven project and add appium dependency in pom.xml

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Run as Java Application. Then you will see the logs in cmd prompt

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7th June 2024

[Edureka - 10 Morning Batch - Google Docs](https://docs.google.com/document/d/1O0JG4oXpkoV-duM5e57I9hgnCNQlRAZc_f_DkPat0Ac/edit)

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Run as Java Application and check the output in Android Studio

To get the accessibilityid after clicking the androidelement

Click on OS -> SMS Messaging ->

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Create a Browserstack account

[Geetham15@gmail.com/Calgary#1](mailto:Geetham15@gmail.com/Calgary#1)

[BrowserStack Docs](https://www.browserstack.com/docs/automate/capabilities)

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BrowserStack -> Products -> AppTesting -> Upload App -> then select ApiDemos-debug.apk file

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Upload the app and get the generated browserstack id and give it in desiredCapabilites app section in the code

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Run as TestNG and check the output result in the browserStack AppAutomate section. For Android, the output can be viewed after execution by playing the video. So, it will take some time.

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