

ITAC

(Interactive Test Automation Cartridge)

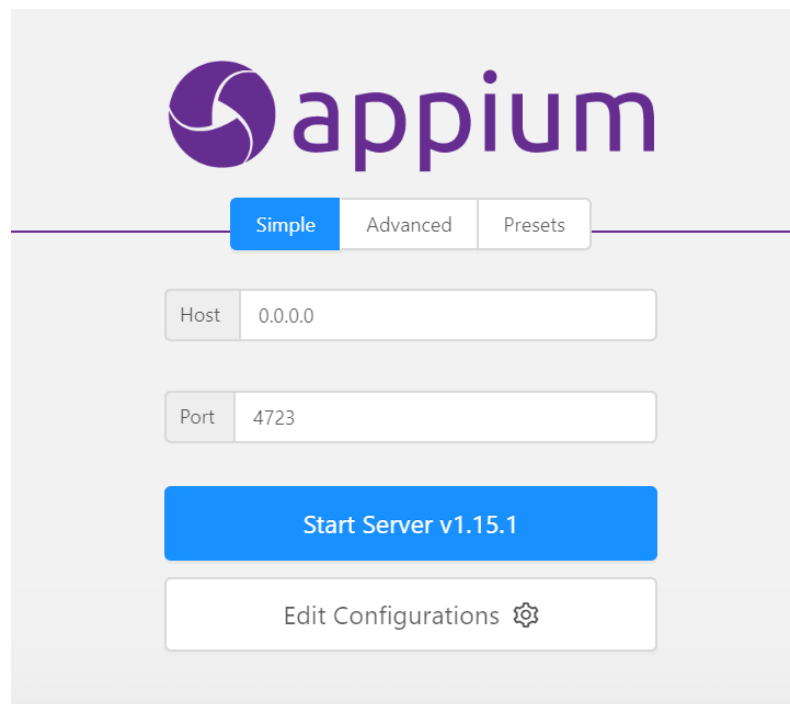
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Emulator & Real Device Set up for Windows

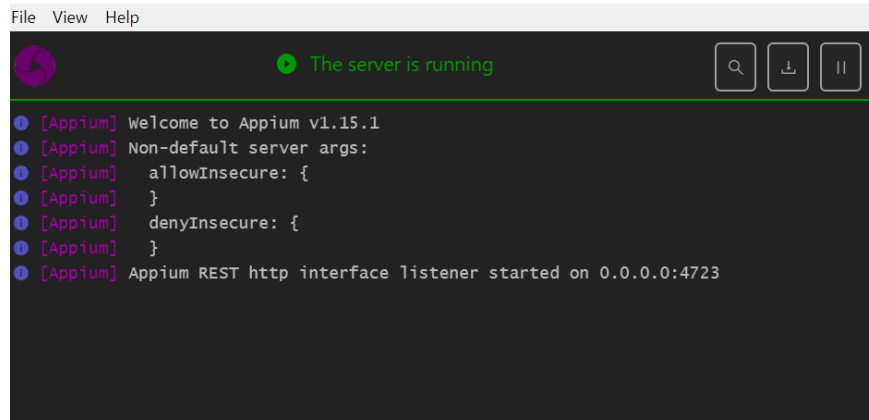
1. Emulator - Appium & Android Studio Installation for Windows:

Appium Installation:

1. Download Appium for Windows from below URL:
<http://appium.io/downloads.html>
2. Complete the installation by using the downloaded file & follow the instruction shown on the installation screen.
3. After completion please open the Appium application & it looks like as below:

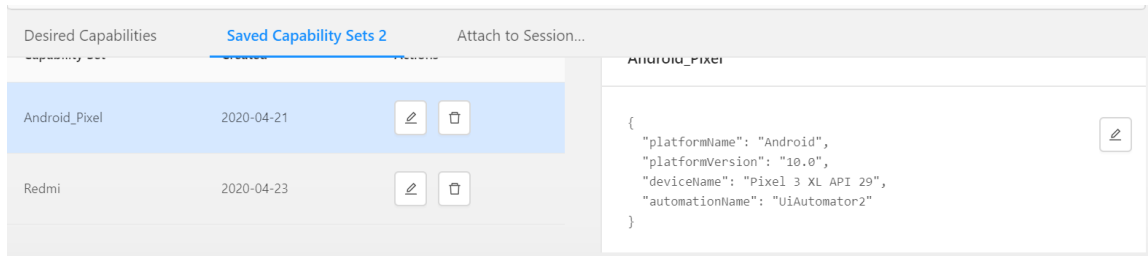


4. Now click on start server button to start the Appium server & can see as below screen:



```
File View Help
[Appium] Welcome to Appium v1.15.1
[Appium] Non-default server args:
[Appium]   allowInsecure: {
[Appium]   }
[Appium]   denyInsecure: {
[Appium]   }
[Appium] Appium REST http interface listener started on 0.0.0.0:4723
```

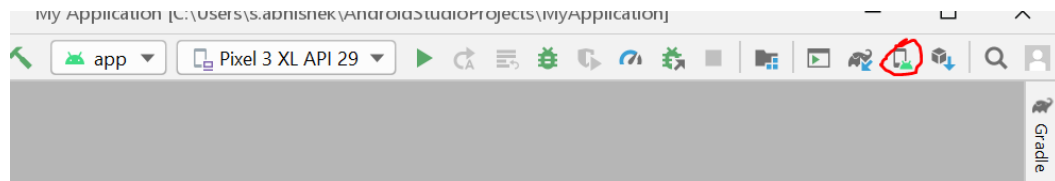
5. Now click on Search icon on the server to set the device details as below:



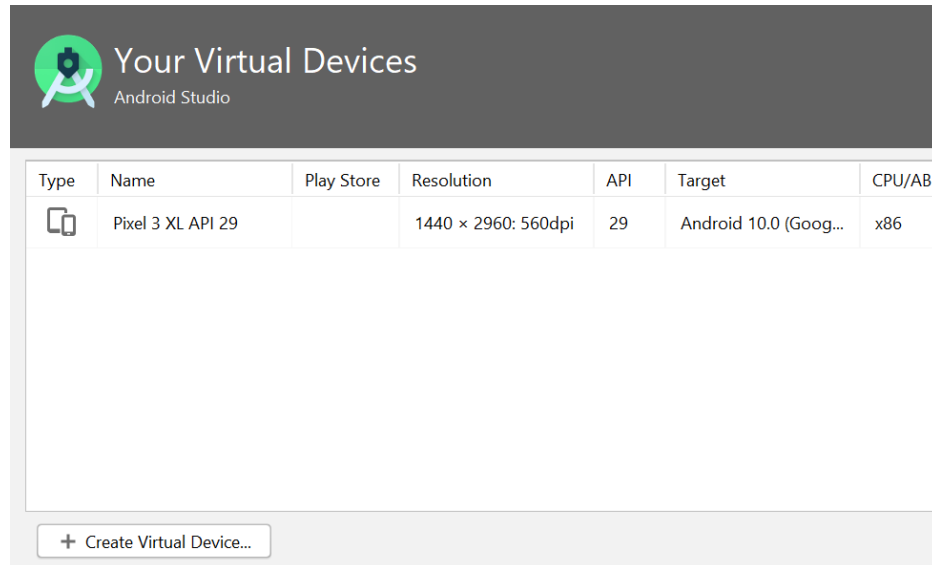
6. Now Download and install the Android Studio from below link:

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

Now open the application and click on the AVD manager as highlighted in red as below:

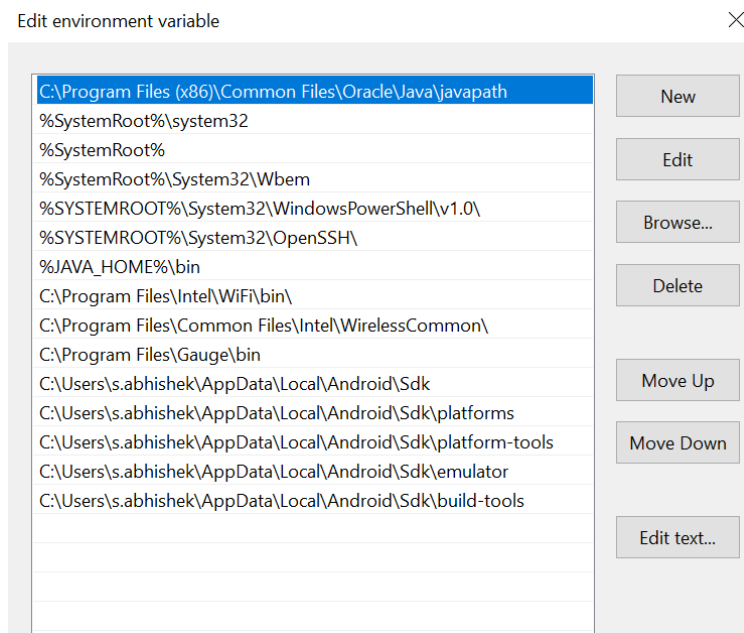


7. Now add the required device by clicking on the create device button as shown:

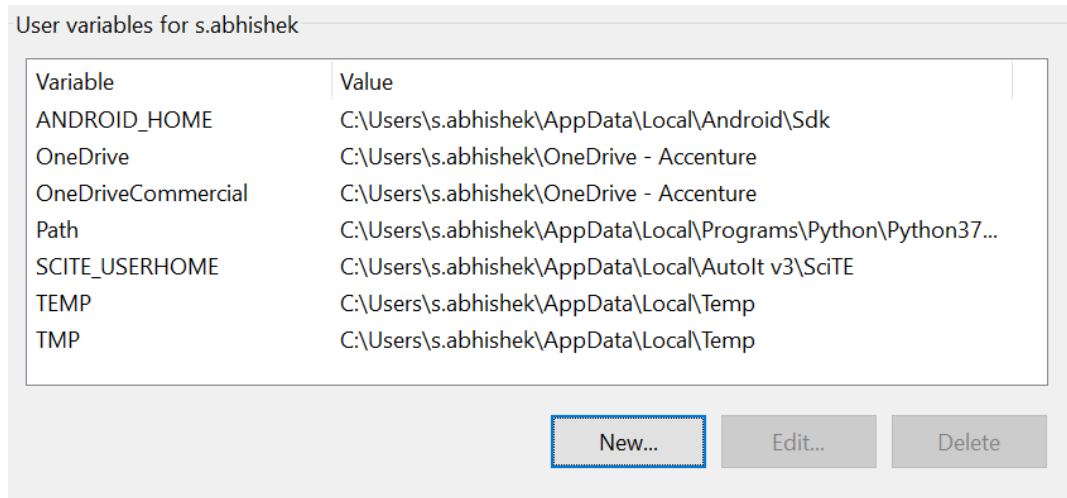


Above Device name & platform versions needs to provide in Appium server device capabilities & also in GUI.

8. Update the system variables with Android studio & Appium file paths as below:
Path in environmental variables:

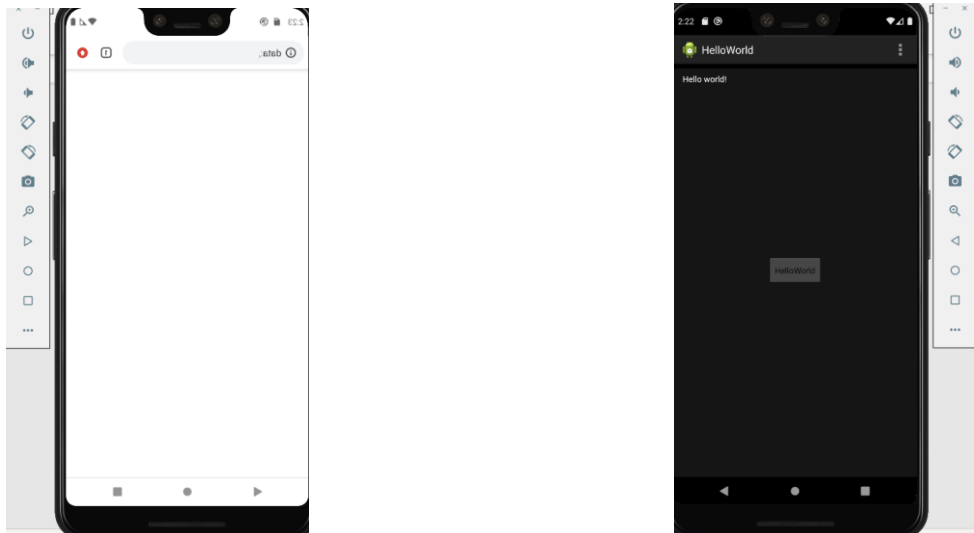


9. Also, add the Android SDK path into the user variable as below:



Once the above set up is done then start execution from GUI, to establish the connection.

In emulator browser will be opened if the browser is selected app will be opened if the app is selected as below:



2. Real Device Installation in Windows:

1. Connect the Real device to the PC/Laptop and navigate to settings in the mobile device & enable the developer options on your device.
2. Now open the command prompt on your PC and run adb devices as below:

```
C:\Users\s.abhishek>adb devices
List of devices attached

C:\Users\s.abhishek>
```

3. Device name will be displayed under the list of devices with random letters as below:
[gy85a6ssib4ssoh](#)
4. **For iOS devices the device name should be the UD id and can be done only with MAC.**
5. This device name needs to update in GUI and if you are running the scripts on APP then APK files needs to place under the ITAC project APK files folder, also the name of the app needs to be provided in GUI.