**Documentation for Appium Automation Tool**

**Overview:**

**Appium:**

Appium is an open-source framework that **allows QAs to conduct automated app testing on different platforms like Android, iOS, and Windows**. It automates testing for: Native Mobile Applications that are written using iOS, Android, or Windows SDKs.

**Language supports:**

Appium is an **open-source** automation testing framework for applications supported by various platforms like iOS, Android, macOS, and Windows. It enables the QA to write test scripts in different programming languages such as JavaScript, Java, Ruby, Python, PHP, and C#.

**Needed for Appium Installation:**

1. Node.js (npm install –g appium)
2. Android Studio (For android devices, we don’t need to install SDK separately. Because ‘SDK’ has default package of Android Studio)

C:\Users\user\AppData\Local\Android

1. Set path on environment variable
2. Need to add dependencies for appium
3. Install vysor for mobile screen mirroring
4. Connect mobile devices with vysor

aaa

1. Write script for application.

Eg: Calculator

**Reference for Manual:**

Link: <https://www.guru99.com/testing-mobile-apps.html>

**Reference for Automation:**

**Youtube:**

Link 1: <https://youtu.be/UvdSO4pY_9o>

Link 2: <https://youtu.be/mAylNVddfJc>

**How to start Appium server:**

**For know your version in cmd promt :**

Enter : adb devices

It shows the device id

**To start appium server in cmd promt**:

Enter – appium

It shows the local host id , get the id and enter into the url

Passing format : <http://localhost:4723/wd/hub/status>

**To Stop the appium server in cmd promt:**

Ctrl + C

It stops the server.

**Another way of install the SDK**:

Go to -> Android studio page -> In command line tools -> Download file for windows

**Demo App for Automation:**

App Name: Selendroid ( Download & Install in play store )