Steps for connectivity:

1. Appium server must running

* Open cmd: appium ----It will start appium server

1. Run mobile emulator

>open new and navigate to Android platform-tools cmd : C:\Users\rubeldm\AppData\Local\Android\sdk\platform-tools

And then type: emulator –avd Demo

Note: Emulator should open

1. Open Eclipse and configure following steps :
2. Download apps called ApiDemos-debug.apk
3. Copy App under src/test/java
4. Import java.io for give path location

File f= **new** File ("src/test/java");

File fs=**new** File (f, "ApiDemos-debug.apk");

1. Set Desired Capabilities:

DesiredCapabilities cap= **new** DesiredCapabilities ();

cap.setCapability (MobileCapabilityType.***DEVICE\_NAME***, "Demo");

cap.setCapability (MobileCapabilityType.***APP***, fs.getAbsolutePath ());

1. Connect to appium server:

AndroidDriver<AndroidElement> driver= **new** AndroidDriver<AndroidElement>(**new** URL("http://localhost:4723/wd/hub "),cap);

1. Run as TestNG it will invoke App in the Demo emulator phone
2. Full eclipse configuration:

**public** **class** first project {

@Test

**Public** **void** test () **throws** MalformedURLException {

File f= **new** File("src/test/java");

File fs=**new** File(f, "ApiDemos-debug (2).apk");

DesiredCapabilities cap= **new** DesiredCapabilities ();

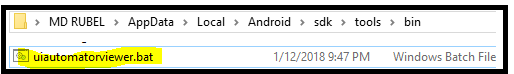
cap.setCapability (MobileCapabilityType.***DEVICE\_NAME***, "Demo");

cap.setCapability (MobileCapabilityType.***APP***, fs.getAbsolutePath () );

//connection to server

AndroidDriver<AndroidElement> driver= **new** AndroidDriver<AndroidElement>(**new** URL("http://localhost:4723/wd/hub "),cap);}}

1. How to Identify mobile locator :
2. Navigate to SDK🡪tools🡪bin and then click on uiautomatorviewer



1. Windo will open then open emulator window and uiautomationviewer window in paralle and then click on snapshot button :

