



TECHNICAL TRAINING LAB INSTRUCTIONS

cdLab 14-1

Installing and configuring Device Automation

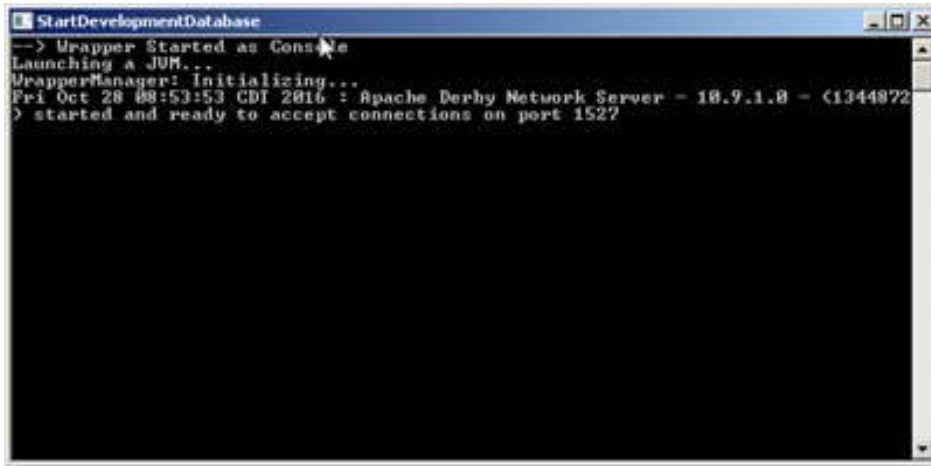
In this lab, you will install and configure Device Automation:

1. Your Device Automation machine (physical machine or VM) must meet the prerequisites stated in the PowerPoints. The following three instructions were written with Windows 7 64-bit operating systems in mind. If you are running another OS, please reference the “Kofax Kapow Device Automation Service User's Guide.”
 - a. Check to see that the 32-bit Java runtime environment has been installed. You should see a folder under “C:\Program Files” on 32-bit machines or “C:\Program Files (x86)” on 64-bit machines labeled “Java.” Look for a sub-folder there named “jre1.7.x.x_xx” or “jre1.8.x.x_xx.” Either of those versions should be fine. If you don’t see the Java runtime environment installed, you may either install the version we’ve included in your class resources, or you may need to go to the Oracle download site and install the version appropriate to your Window OS.
 - b. Enable the Java Access by running the following command prompt command in the bin directory of the Java JRE installation directory: `jabswitch.exe /enable.`
 - c. If it has not already been installed on your remote desktop, go to the “Kapow 10 Installation” folder in your provided class resources and install “Windows6.1-KB2999226-x64.msu.” **IMPORTANT:** *This Windows Update, included in your class resources, is for Windows 7 64-bit systems only. If you are running a different operating system, check the Device Automation Service User's Guide for the specific OS requirements, and you may need to go to Microsoft's website and download the version specific to your OS.*
2. For both machines, make note of the machine name and the IP address. You’ll need those to set up device automation. You can obtain the machine name by going to the computer properties and selecting “Advanced System Settings.” Then go to the “Computer Name” tab. Do not change the name. You can get the IP address by opening a command window and entering “ipconfig.”

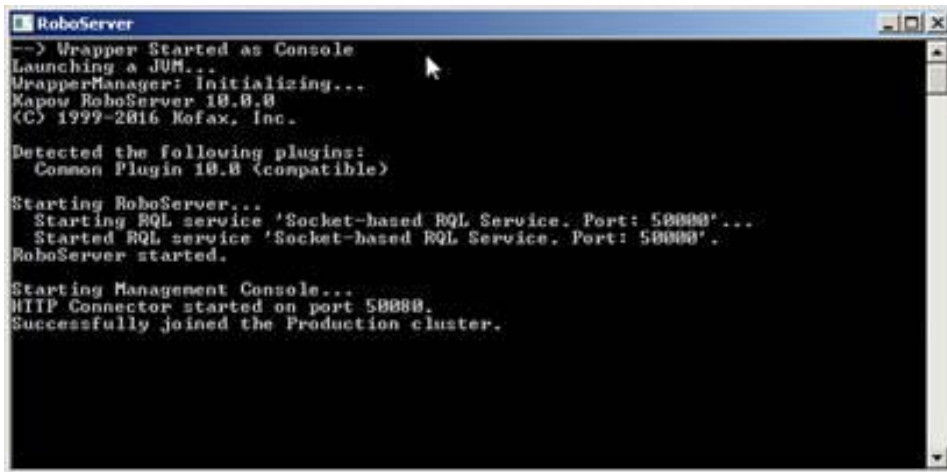
Management Console: Name _____ IP Address: _____

Remote Desktop Name _____ IP Address: _____

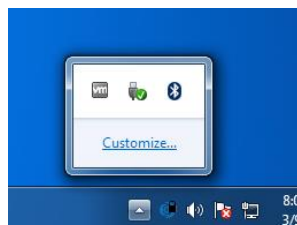
3. Make sure the Development Database is still running on your machine running RoboServer. If it isn’t, start it going to the Development Database folder in the Kapow program group and double-clicking on “Start Development Database.” That should launch a command window that lets you know that the Development Database is available. Leave that command window open (but you can minimize it if you want).



4. Make sure the Management Console is still running on your RoboServer machine. If it isn't, start it by double-clicking on "Start Management Console" in the Kapow Program Group. Remember, that will launch RoboServer and then, after several seconds, start the Management Console and notify you that it is available on port 50080. Leave that command window open (but you can minimize it if you want).



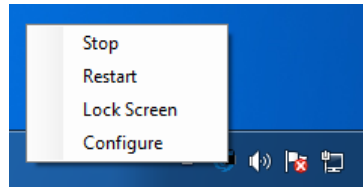
5. Ping your Device Automation machine (your second physical machine or your VM) from your main Kapow machine. Make sure they can communicate.
6. On your Device Automation machine, run the: "Kapow_DeviceAutomation_10.1.0_x32.msi" installer to install the Device Automation Agent. The installer will also add a shortcut to your Windows "Startup" group so it runs any time the computer is rebooted.
7. Go to the system tray and click on the up arrow button and select "Customize."





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8. Set the “Device Automation Service Control” to “Show icon and notifications.” That way, the Device Automation Service status will always be visible in the system tray. Click on [OK] to close.
9. Now right mouse-click on the visible “Device Automation Service” button in the system tray and select “Configure.”



10. Configure the first tab using your notes from step 2 as follows:



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11. Go to the "Windows" tab in the configuration and uncheck "Extended Internet Explorer Support." It is not needed for what you will be doing and leaving it checked will slow your system.
12. Click "Save and Restart."
13. If you've correctly configured the service, the "Device Automation Service" icon in the system tray should turn blue indicating the service is running.
14. Finally, go to your RoboServer machine and open the Management Console in your browser (<http://localhost:50080>).
15. Click on the "Admin" tab and then on "Devices."
16. Expand the "Production" cluster and verify that you see your remote device and that its status shows as "Available."