

12/08/09 - Running dcm4chee PACS as a Windows service or daemon

dcm4chee.org

Open Source Clinical Image and Object Management

Running dcm4chee as a Windows service or daemon will enable dcm4chee to run during start up and in the background without user intervention. You don't need to click '?run.bat' file found under apps/dcm4chee-mysql-2.14.x/bin every time you want to start the PACS server.

Here are the steps with pictures on how to accomplish that. Please make sure everything is running correctly before doing this step. (This tutorial is a continuation on the previous tutorial)

First, execute install.bat

Open the command prompt from Start>Run
Type cmd and press Enter

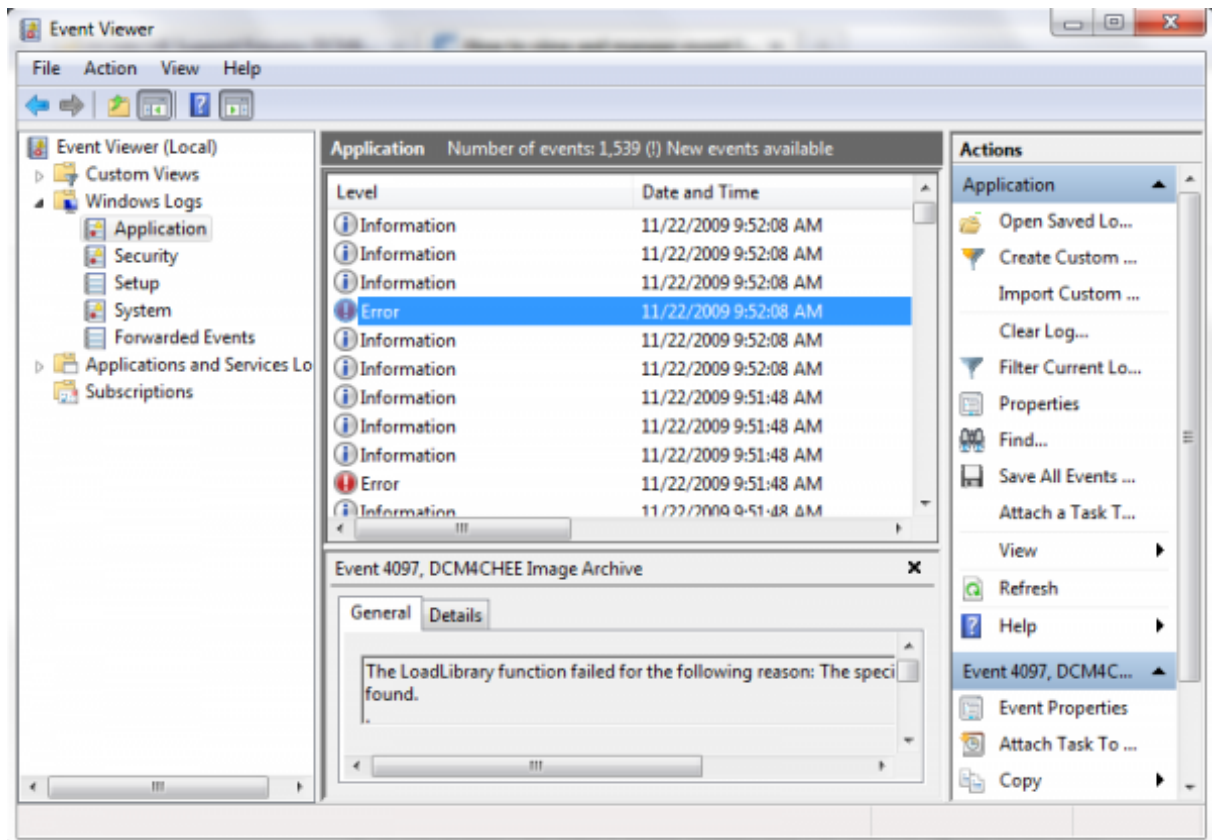
Navigate to C:\apps\dcm4chee-mysql-2.14.7\bin
Type install_service.bat

```
C:\apps\dcm4chee-mysql-2.14.7\bin>install_service.bat
"Usage: install_service.bat server|client|uninstall"
"Options:"
" client      install DCM4CHEE Image Archive with client hotspot vm"
" server      install DCM4CHEE Image Archive with server hotspot vm"
" uninstall   uninstall DCM4CHEE Image Archive service"
C:\apps\dcm4chee-mysql-2.14.7\bin>_
```

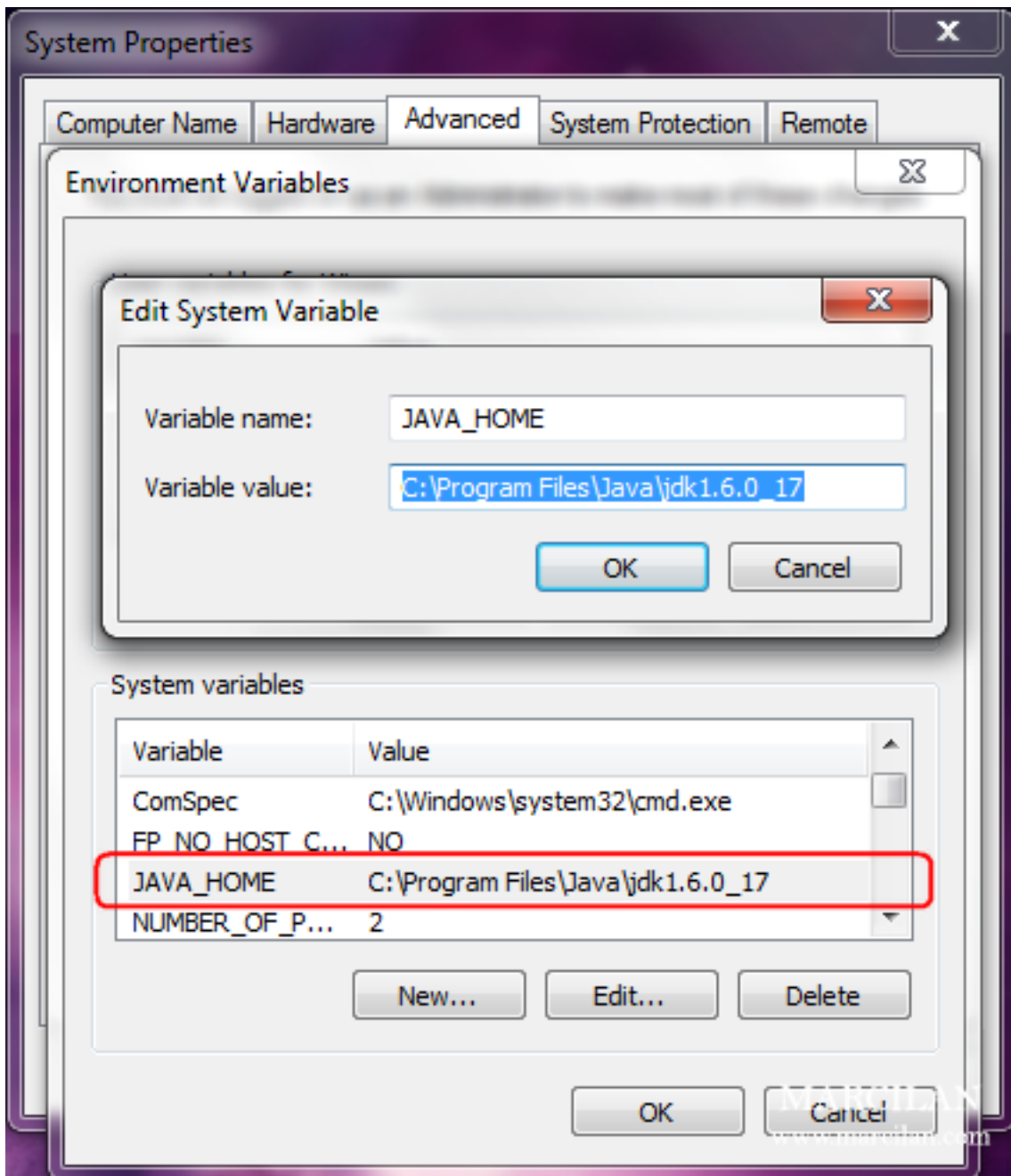
You will get different options (client, server, uninstall)

```
C:\apps\dcm4chee-mysql-2.14.7\bin>install_service.bat server
The DCM4CHEE Image Archive automatic service was successfully installed
C:\apps\dcm4chee-mysql-2.14.7\bin>
```

Since we will be running dcm4chee as PACS server, we will select the server option. Type '?install_service.bat server' without quotes and press Enter.

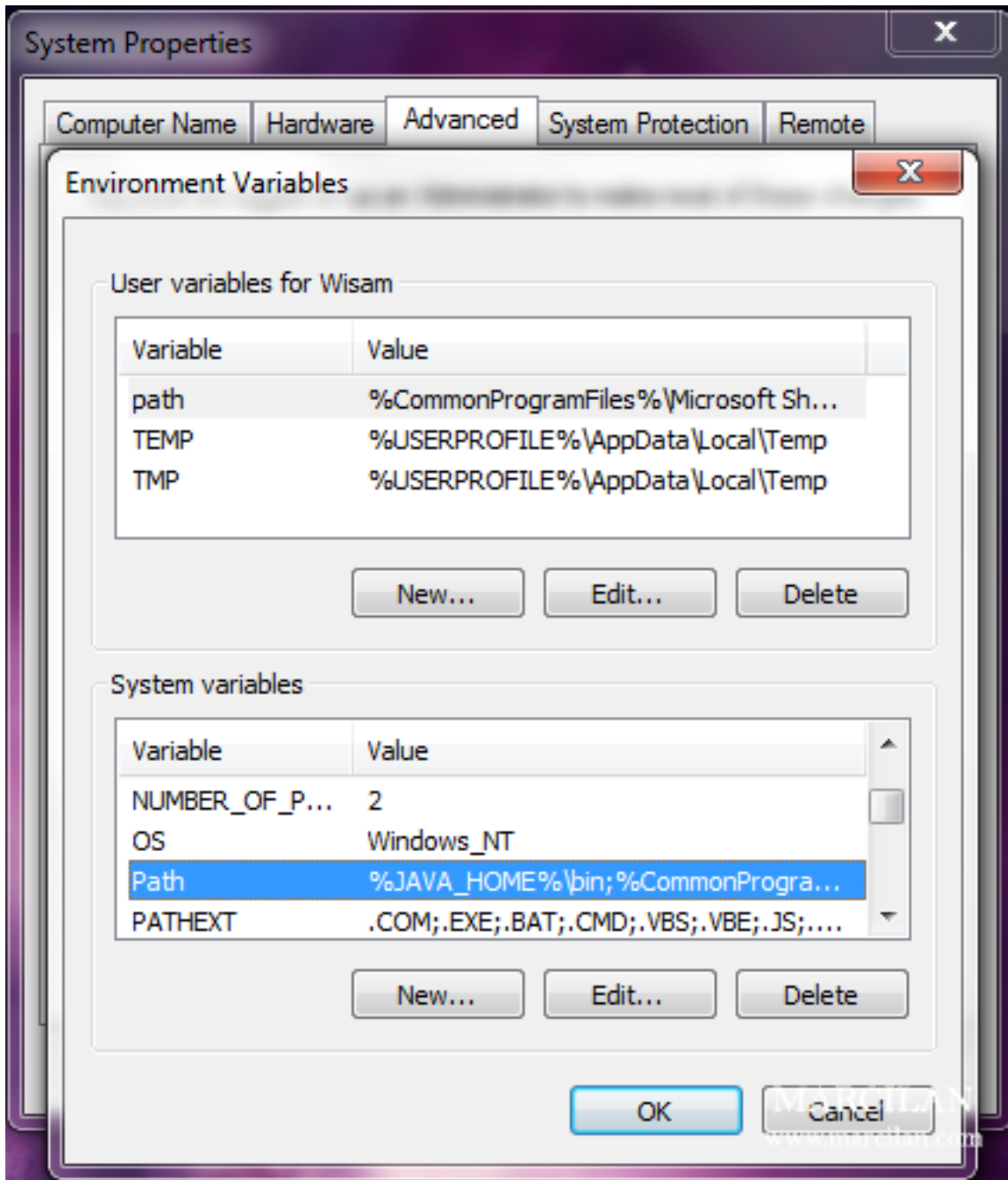


To avoid the error message: "The specified module could not be found.", "Failed creating java ...\jvm.dll" which can be seen by going to Windows Event Viewer (usually happens with JDK6)



we need to do an extra step. We need to point the missing dll files to Java. Click on Start>Right click on Computer (or My Computer in XP) and select Properties. From the left sidebar select Advanced system settings>click on Environment Variables. Under System Variables click New. For variable name use JAVA_HOME and in Variable value put C:\Program Files\Java\jdk1.6.0_17

We need also to add %JAVA_HOME%\bin to the system PATH environment variable, so java could find file mscvr71.dll








Make sure you include ; before %CommonProgram.... This will ensure proper formatting.

Reboot your computer and login to Windows. Open your web browser and type the following URL:

<http://localhost:8080/dcm4chee-web>

Congratulations!!

If for any reason you want to stop the service, go to Start> right click on Computer>Manage. Go to Services and in the list you will see dcm4chee service. It should say Started.

 Credential Manager	Provides se...		Manual	Local Syste...
 Cryptographic Ser...	Provides fo...	Started	Automatic	Network S...
 DCM4CHEE Imag...	JavaService ...	Started	Automatic	Local Syste...
 DCOM Server Pro...	The DCOM...	Started	Automatic	Local Syste...
 Desktop Window ...	Provides De...	Started	Automatic	Local Syste...

You can right click on it and select Stop.