



13664 Red Fox Court, Rapid City, SD 57702 (605) 341-6151

Course Setup Guide

Course Title: Java Messaging

Hardware Requirements: The Java Messaging class requires the following hardware configuration:

- Windows NT 4.0, Windows 2000 or Windows XP operating system running on Intel hardware.
- Minimum Pentium 600MHz or faster processor.
- At least 128MB of RAM.
- The computers should be connected via a network so that files can be shared and network connections can be made between the PCs.

Software Requirements: The Java Messaging class requires the following software installed on each PC:

- The latest version of Sun's J2SE developer's kit (known as the JDK1.3.x). This is freely downloadable at <http://java.sun.com/j2se>.
- The J2SE documentation, which is freely downloadable at the same link above.
- Sun's Java 2 SDK Enterprise Edition (known as J2EE SDK), which can be downloaded at <http://java.sun.com/j2ee>.
- A text editor for writing Java code. TextPad is a popular choice and can be downloaded at <http://www.textpad.com>.

Two environment variables need to be set before the J2SDKEE application server will run: JAVA_HOME needs to be set to the Java install directory (e.g. "c:\jdk1.3"), and J2EE_HOME needs to be set to the J2SDKEE install directory (e.g. "c:\j2sdkee1.3"). Use the "System" option found in the Control Panel to set these environment variables.

To compile most of the code in this class, the file "c:\j2sdkee1.3\lib\j2ee.jar" needs to be in your CLASSPATH environment variable. (This assumes j2sdkee1.3 is your J2EE_HOME.) Set your CLASSPATH to be "C:\j2sdkee1.3\lib\j2ee.jar; ." in the "System" option of the Control Panel.

To run the application server, open a DOS window (command prompt) and change directories to "c:\%J2EE_HOME%\bin". Type in "j2ee -verbose". To run the deployment tool, open a second DOS window, change to the same directory, and type in "deploytool".

In case of questions: Contact Rich Raposa at richraposa@javalicense.com.