Active Learning for Matlab - Readme

Package installation:

1) **Verify the java version - Use the following matlab command: version –java. If the current java version is 1.4.2 and higher then continue, else wise use the following instructions:**

   1. **Download java 1.4.2 from** http://java.sun.com/j2se/1.4.2/download.html
   2. **Locate the Root of the Run-time Path for this Version. T**o get MATLAB to use the version you have just downloaded, you must first find the root of the run-time path for this JVM, and then set the MATLAB_JAVA environment variable to that path. To locate the JVM run-time path, find the directory in the Java installation tree that is one level up from the directory containing the file rt.jar. This may be a subdirectory of the main JDK install directory. (If you cannot find rt.jar, look for the file classes.zip.) For example, if the JDK is installed in D:\jdk1.2.1 on Windows and the rt.jar file is in D:\jdk1.2.1\jre\lib, you would set MATLAB_JAVA to the directory one level up from that: D:\jdk1.2.1\jre. On UNIX, if the JDE is installed in /usr/openv/java/jre/lib and the rt.jar is in /usr/openv/java/jre/lib, set MATLAB_JAVA to the path /usr/openv/java/jre.
   3. **Set the MATLAB_JAVA Environment Variable to this Path:** The way you set or modify the value of the MATLAB_JAVA variable depends on which platform you are running MATLAB on.**Windows NT/2000/XP.** To set MATLAB_JAVA on Windows NT, Windows 2000, or Windows XP, Click **Settings** in the **Start** Menu:

      1. Choose **Control Panel**
      2. Click **System**
      3. Choose the **Environment** tab on Windows NT or the **Advanced** tab on Windows 2000 or XP, and then click the **Environment Variables** button.
      4. You now can set (or add) the MATLAB_JAVA system environment variable to the path of your JVM.

      For UNIX/Linux. To set MATLAB_JAVA on UNIX or Linux systems, use the setenv command, as shown here: setenv MATLAB_JAVA <path to JVM>

2) **Unzip matlab_active.zip into the <matlab_home>/work directory**
3) **Add the following two lines into the <matlab_home>/toolbox/local/classpath.txt file:**
   $matlabroot/work/activeLearning/jars/Active.jar
   $matlabroot/work/activeLearning/jars/dom4j-full.jar
4) **Restart matlab**
5) **Add the folder "activeLearning" into the matlab path (using menu "File->set path..")**
6) **Open matlab and run: help active_create**

Enjoy :)