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, otherwise 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. To 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 :)