

VMM 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.** 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/opensv/java/jre/lib` and the `rt.jar` is in `/usr/opensv/java/jre/lib`, set MATLAB_JAVA to the path `/usr/opensv/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 matlabVMM.zip into the <matlab_home>/work directory**
- 3) **Add the following two lines into the <matlab_home>/toolbox/local/classpath.txt file:**
`$matlabroot/work/vmm/trove.jar`
`$matlabroot/work/vmm/vmm.jar`
- 4) **restart matlab**
- 5) **open matlab and run: `help vmm_create`**

Enjoy :)

For questions\comments please contact us via <http://www.cs.technion.ac.il/~ronbeg/vmm>