

Morpho - Bug #5421

trouble setting \$JAVA_HOME: ls: cannot access ./lib/*.jar: No such file or directory

06/06/2011 02:24 PM - David LeBauer

Status:	Resolved	Start date:	06/06/2011
Priority:	Normal	Due date:	
Assignee:	Jing Tao	% Done:	0%
Category:	morpho - general	Estimated time:	0.00 hour
Target version:	Unspecified	Spent time:	0.00 hour
Bugzilla-Id:	5421		

Description

I am trying to start morpho.

I have set my Paths as such:

```
desktop:~$ echo $JAVA_HOME
/usr/lib/jvm/java-6-sun
```

```
desktop:~$ echo $PATH
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/lib/jvm/java-6-sun/bin
```

but when I try to launch morpho using

```
./morpho-1.9.0/morpho
```

I get the following error

```
ls: cannot access ./lib/*.jar: No such file or directory
Using dynamic classpath: ./usr/lib/jvm/java-6-sun/jre/lib/rt.jar
```

```
-----
java version "1.6.0_24"
Java(TM) SE Runtime Environment (build 1.6.0_24-b07)
Java HotSpot(TM) 64-Bit Server VM (build 19.1-b02, mixed mode)
-----
```

```
Exception in thread "main" java.lang.NoClassDefFoundError: edu/ucsb/nceas/morpho/Morpho
Caused by: java.lang.ClassNotFoundException: edu.ucsb.nceas.morpho.Morpho
at java.net.URLClassLoader$1.run(URLClassLoader.java:202)
at java.security.AccessController.doPrivileged(Native Method)
at java.net.URLClassLoader.findClass(URLClassLoader.java:190)
at java.lang.ClassLoader.loadClass(ClassLoader.java:307)
at sun.misc.Launcher$AppClassLoader.loadClass(Launcher.java:301)
at java.lang.ClassLoader.loadClass(ClassLoader.java:248)
Could not find the main class: edu.ucsb.nceas.morpho.Morpho. Program will exit.
```

Not sure why this is happening, but I do have both java-6-sun and java-6-openjdk installed, and I get a similar error when setting either as the JAVA_HOME path.

History

#1 - 06/06/2011 02:28 PM - David LeBauer

need to run from morpho-1.9.0 directory.

#2 - 06/06/2011 02:30 PM - ben leinfelder

Moot point now:

```
-----
Hi David,
Try changing into the morpho-1.9.0 directory and invoking the script from
there:
cd morpho-1.9.0
./morpho
```

I believe the script assumes relative paths from that directory.

#3 - 06/06/2011 02:37 PM - Jing Tao

I totally agree with Ben. The script should be run under morpho-1.9.0.

#4 - 06/06/2011 09:32 PM - Jim Regetz

For what it's worth, on my linux box I keep a simple bash script named 'morpho' in ~/bin (which is on my path). I just start morpho at the command line that way, from anywhere. You'd need to tweak the paths to match your morpho install, of course:

```
#-----  
#!/bin/bash  
  
export JAVA_HOME='/usr/lib/jvm/java-6-sun/jre'  
cd /opt/morpho-1.9.0  
./morpho  
#-----
```

Just remember to update it the next time you install a new morpho version and/or upgrade java!

#5 - 03/27/2013 02:30 PM - Redmine Admin

Original Bugzilla ID was 5421