

## Morpho - Bug #2900

### Morpho Ubuntu install needs Java 1.5.0 or greater

08/07/2007 12:04 PM - Callie Bowdish

<b>Status:</b>	Resolved	<b>Start date:</b>	08/07/2007
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	P. Anderson	<b>% Done:</b>	0%
<b>Category:</b>	morpho - general	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Unspecified	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	2900		

#### Description

The Morpho install for Ubuntu contains a zip file that installs a Morpho.1.6.1 directory containing the files needed to run Morpho. This program can be started by using the terminal and typing in ./morpho in that directory. When an older version of Java was previously loaded and has the JAVA\_HOME path set there is a problem. This is the error: Exception in thread "main" java.lang.UnsupportedClassVersionError: edu/ucsb/nceas/morpho/Morpho (Unsupported major.minor version 49.0)

Here is the command for the version and the version that my computer was set to: java version "1.4.2\_12".

Java has been updated on this computer but the JAVA\_HOME path has not been changed with the update. End users will get the above error if the path has not been updated. They do not get the helpful screen for people who do not have a path set.

Here is the screen that comes up for people who do not have the JAVA\_HOME path set.

```
-----  
-----  
----- NOTE -----  
---- YOU MUST SET THE JAVA_HOME ENVIRONMENT VARIABLE TO POINT TO ----  
-- YOUR JDK OR JRE INSTALLATION DIRECTORY BEFORE RUNNING MORPHO! ----  
---- Note that Morpho may not work correctly with non-SUN JVMs, ----  
----- such as gcj or kafee. -----  
-----  
-----
```

There are two problems that need to be addressed.

One is the README file says that Java 1.3 or greater will work and recommends 1.4. (1.4 does not work with this Ubuntu version of Morpho). The README needs to be changed to reflect this. I wonder if we should give direction on updating the JAVA\_HOME environment variable in the readme file as well.

The other problem is that users need to be told to update their JAVA\_HOME environment variable path if they have an earlier version set with it. The error that users get when the variable is not set right might not be clear to many users.

something like this needs to be run at the command line  
export JAVA\_HOME=/usr/lib/jvm/java-1.5.0-sun/ and be set in the users .bashrc file.

#### History

##### #1 - 09/03/2009 03:23 PM - Jing Tao

Now morpho has the requirement - running on java 1.5 or greater.

##### #2 - 03/27/2013 02:21 PM - Redmine Admin

Original Bugzilla ID was 2900