

Kepler - Bug #3530

Locking assertion failure

10/15/2008 03:44 PM - Aaron Aaron

Status:	Resolved	Start date:	10/15/2008
Priority:	Normal	Due date:	
Assignee:	Aaron Aaron	% Done:	0%
Category:	core	Estimated time:	0.00 hour
Target version:	1.1.0	Spent time:	0.00 hour
Bugzilla-Id:	3530		

Description

Specifically, I encountered this issue on Ubuntu version 8.04.1 (Hardy Heron) with dual displays using java 1.5

I get several backtrace messages to the console that begin with "Locking assertion failure. Backtrace:"

The following site describes the solution in more detail

<http://ubuntuforums.org/showthread.php?t=610457>

The command I used to solve this issue is

```
sudo sed -i 's/XINERAMA/FAKEEXTN/g' /usr/lib/jvm/java-1.5.0-sun-1.5.0.15/jre/lib/i386/xawt/libmawt.so
```

History

#1 - 10/15/2008 03:46 PM - Aaron Aaron

Known workaround is available.

#2 - 10/15/2008 04:23 PM - Christopher Brooks

Hauke had a similar bug, he wrote:

--start--

Running the triq/ptolemy.domains.sr.examples on linux with Java 1.6 works fine, with 1.5 gives the following message (something similar was seen on the mac, Java 1.6 won't run on the mac so far). Despite the message, the result looks fine.

Locking assertion failure. Backtrace:

#0 /usr/lib/libxcb-xlib.so.0 [0xb0873767]

#1 /usr/lib/libxcb-xlib.so.0(xcb_xlib_unlock+0x31) [0xb08738b1]

#2 /usr/lib/libX11.so.6(XReply+0xfd) [0xb0b521bd]

#3 /usr/lib/jvm/java-1.5.0-sun-1.5.0.15/jre/lib/i386/xawt/libmawt.so [0xb01a4dce]

#4 /usr/lib/jvm/java-1.5.0-sun-1.5.0.15/jre/lib/i386/xawt/libmawt.so [0xb018ed77]

#5 /usr/lib/jvm/java-1.5.0-sun-1.5.0.15/jre/lib/i386/xawt/libmawt.so [0xb018eef3]

#6 /usr/lib/jvm/java-1.5.0-sun-1.5.0.15/jre/lib/i386/xawt/libmawt.so(Java_sun_awt_X11GraphicsEnvironment_initDisplay+0x26) [0xb018f136]

#7 [0xb25cfbfa]

#8 [0xb25c9b3b]

#9 [0xb25c9b3b]

#10 [0xb25c7219]

#11 /usr/lib/jvm/java-1.5.0-sun-1.5.0.15/jre/lib/i386/client/libjvm.so [0xb777c2bc]

#12 /usr/lib/jvm/java-1.5.0-sun-1.5.0.15/jre/lib/i386/client/libjvm.so [0xb7890ed8]

#13 /usr/lib/jvm/java-1.5.0-sun-1.5.0.15/jre/lib/i386/client/libjvm.so [0xb777c0ef]

#14 /usr/lib/jvm/java-1.5.0-sun-1.5.0.15/jre/lib/i386/client/libjvm.so(JVM_DoPrivileged+0x32d) [0xb77d9b9d]

#15 /usr/lib/jvm/java-1.5.0-sun-1.5.0.15/jre/lib/i386/libjava.so(Java_java_security_AccessController_doPrivileged

_Ljava_security_PrivilegedAction_2+0x3d) [0xb757b30d]

#16 [0xb25cf4ab]

#17 [0xb25c9a64]

#18 [0xb25c7219]

#19 /usr/lib/jvm/java-1.5.0-sun-1.5.0.15/jre/lib/i386/client/libjvm.so [0xb777c2bc]

516 ms. Memory: 4540K Free: 953K (21%)

- It's a Java bug, see http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=6532373 * This is something about wrong usage of Xinerama Linux library. Maybe it's something similar for Mac, I cannot check. * The sed workaround suggested in the bug report works for me (though it touches the JRE libraries themselves...):

```
sed -i 's/XINERAMA/FAKEEXTN/g' /usr/lib/jvm/java-1.5.0-sun-1.5.0.11/jre/lib/i386/xawt/libmawt.so
```

--end--

#3 - 03/27/2013 02:23 PM - Redmine Admin

Original Bugzilla ID was 3530