

Kepler - Bug #4482

JRE Exception Access Violations

10/21/2009 02:10 PM - Oliver Soong

Status:	Resolved	Start date:	10/21/2009
Priority:	Normal	Due date:	
Assignee:	Chad Berkley	% Done:	0%
Category:	general	Estimated time:	0.00 hour
Target version:	Unspecified	Spent time:	0.00 hour
Bugzilla-Id:	4482		
Description			
I've gotten a couple of these. All of Kepler just goes without warning. I have 2 error logs, which I will attach. I have no idea what causes it.			

History

#3 - 10/21/2009 02:43 PM - Christopher Brooks

These are Java issues. Both stack traces show the problem being in the AWT-EventQueue thread.

The one with a useful stack trace has:

Native frames: (J=compiled Java code, j=interpreted, Vv=VM code, C=native code)

C [ntdll.dll+0x21fb7]

C [msvcr71.dll+0x16b3]

C [msvcr71.dll+0x16db]

C [dcpr.dll+0x22a5]

J sun.dc.pr.Rasterizer.appendLine(FF)V

J

sun.java2d.pipe.DuctusRenderer.createShapeRasterizer(Ljava/awt/geom/PathIterator;Ljava/awt/geom/AffineTransform;Ljava/awt/BasicStroke;ZZF)Lsun/dc/pr/Rasterizer;

J sun.java2d.pipe.DuctusShapeRenderer.renderPath(Lsun/java2d/SunGraphics2D;Ljava/awt/Shape;Ljava/awt/BasicStroke;)V

J sun.java2d.pipe.DuctusShapeRenderer.fill(Lsun/java2d/SunGraphics2D;Ljava/awt/Shape;)V

J sun.java2d.pipe.PixelToParallelogramConverter.fill(Lsun/java2d/SunGraphics2D;Ljava/awt/Shape;)V

J sun.java2d.pipe.PixelToParallelogramConverter.fill(Lsun/java2d/SunGraphics2D;Ljava/awt/Shape;)V

J sun.java2d.pipe.ValidatePipe.fill(Lsun/java2d/SunGraphics2D;Ljava/awt/Shape;)V

J sun.java2d.SunGraphics2D.fill(Ljava/awt/Shape;)V

J diva.canvas.toolbox.LabelFigure.paint(Ljava/awt/Graphics2D;)V

J diva.canvas.AbstractFigure.paint(Ljava/awt/Graphics2D;Ljava/awt/geom/Rectangle2D;)V

J diva.canvas.CompositeFigure.paint(Ljava/awt/Graphics2D;Ljava/awt/geom/Rectangle2D;)V

J diva.canvas.FigureLayer.paint(Ljava/awt/Graphics2D;Ljava/awt/geom/Rectangle2D;)V

J diva.canvas.CanvasPane.paint(Ljava/awt/Graphics2D;Ljava/awt/geom/Rectangle2D;)V

J diva.canvas.JCanvas.paint(Ljava/awt/Graphics;)V

J javax.swing.JComponent.paintChildren(Ljava/awt

/Graphics;)V

Searching google for:

sun.dc.pr.Rasterizer.appendLine dcpr

Comes up with two hits, neither of one is conclusive.

In general, if Kepler or Ptolemy is run and no JNI is used to load Kepler or Ptolemy .dll and the JVM crashes, then it is a JVM bug. It is very easy to crash the JVM if Kepler or Ptolemy uses JNI code that loads a .dll or other shared library.

I'd probably close this one as it is a JVM bug, not a Kepler or Ptolemy bug.

#4 - 10/21/2009 02:53 PM - Oliver Soong

Is there anything I can do to avoid this? I hate saving my work.

#5 - 10/21/2009 03:02 PM - Christopher Brooks

The problem is likely specific to the machine, graphics card, OS and JVM.

Try upgrading the JRE that you are using.

The error was from JRE version: 6.0_14-b08, I think Java 1.6.0_15 is out?

Try using a Java 1.5 JRE instead of a 1.6.
Try using different resolutions.
Try using a different graphics card.
Try using a different machine? (drastic, I know).

#6 - 01/13/2010 02:30 PM - Chad Berkley

probably machine specific. not a kepler bug.

#7 - 03/27/2013 02:27 PM - Redmine Admin

Original Bugzilla ID was 4482

Files

hs_err_pid1984.log	22.7 KB	10/21/2009	Oliver Soong
hs_err_pid4284.log	16.9 KB	10/21/2009	Oliver Soong