

QGIS Application - Bug report #2837
merge shapefiles crashes qgis

2010-06-26 11:56 AM - Giovanni Manghi

Status:	Closed	
Priority:	Low	
Assignee:	cfarmer -	
Category:	Python plugins	
Affected QGIS version:		Regression?: No
Operating System:	All	Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 12897
Description		
merging the following shapefiles under linux (Ubuntu 10.04) causes qgis to crash Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread Segmentation fault the same operation with the same dataset works fine under Windows Seven. Using qgis trunk.		

History

#1 - 2010-06-26 11:57 AM - Giovanni Manghi

sorry, forgot to add the download link

http://www.faunalia.pt/downloads/cart_2.tar.gz

#2 - 2010-06-26 12:11 PM - Jürgen Fischer

Replying to [lutra](#):

merging the following shapefiles under linux (Ubuntu 10.04) causes qgis to crash

not reproducible on Debian unstable. Do you have a backtrace?

#3 - 2010-06-26 01:09 PM - Jürgen Fischer

Replying to [comment:2 jef]:

not reproducible on Debian unstable. Do you have a backtrace?

oh, any plugins involved?

#4 - 2010-06-26 01:42 PM - Jürgen Fischer

Replying to [comment:3 jef]:

oh, any plugins involved?

like SDA4PP?

#5 - 2010-06-26 04:38 PM - Giovanni Manghi

Replying to [comment:4 jef]:

Replying to [comment:3 jef]:

oh, any plugins involved?

like SDA4PP?

I removed SDA4pp and disabled all the other and I still have the crash with the same message

Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread

Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread

Segmentation fault

I'm using the ubuntuGIS repositories and qgis trunk compiled from source.

#6 - 2010-06-27 09:47 AM - Alexander Bruy

Confirmed QGIS crash on Slackware linux. Under Windows XP merging the following files works fine.

But on Linux QGIS crashes too when I try to open shapefile pen_01.shp. Here is debug output before crash

Debug: /home/alex/devel/cpp/qgis/trunk/src/core/qgsmrenderer.cpp: 186: (adjustExtentToSize)

-24040.6198250000015832,40992.8055770874052541 : -22359.49317499999996100,41256.3346206665009959

Debug: /home/alex/devel/cpp/qgis/trunk/src/core/qgsscalecalculator.cpp: 139: (calculateGeographicDistance) Distance across map extent (m):

1.13268e+07

Debug: /home/alex/devel/cpp/qgis/trunk/src/core/qgsscalecalculator.cpp: 90: (calculate) Using conversionFactor of 39.3701

Debug: /home/alex/devel/cpp/qgis/trunk/src/core/qgsmrenderer.cpp: 197: (adjustExtentToSize) Scale (assuming meters as map units) =

1:8.82862e+07

Debug: /home/alex/devel/cpp/qgis/trunk/src/gui/qgsmrendereroverviewcanvas.cpp: 162: (drawExtentRect) panning: extent to widget:

[-2147483648,-2147483648] [1x1]

Debug: /home/alex/devel/cpp/qgis/trunk/src/core/qgsmrenderer.cpp: 212: (render) ===== Rendering =====

Debug: /home/alex/devel/cpp/qgis/trunk/src/core/qgsmrenderer.cpp: 236: (render) Starting to render layer stack.

Debug: /home/alex/devel/cpp/qgis/trunk/src/core/qgsmrenderer.cpp: 323: (render) Rendering at layer item pen_0120100627193701245

Debug: /home/alex/devel/cpp/qgis/trunk/src/core/qgsmrenderer.cpp: 331: (render) If there is a QPainterEngine error here, it is caused by an emit

call

```
Debug: /home/alex/devel/cpp/qgis/trunk/src/core/qgsmrenderer.cpp: 342: (render) Rendering layer pen_01
Debug: /home/alex/devel/cpp/qgis/trunk/src/core/qgsmrenderer.cpp: 343: (render) Layer minscale 0
Debug: /home/alex/devel/cpp/qgis/trunk/src/core/qgsmrenderer.cpp: 344: (render) Layer maxscale 1e+08
Debug: /home/alex/devel/cpp/qgis/trunk/src/core/qgsmrenderer.cpp: 345: (render) Scale dep. visibility enabled? 0
Debug: /home/alex/devel/cpp/qgis/trunk/src/core/qgsmrenderer.cpp: 346: (render) Input extent:
-24000.5930000000007567,40999.0800781250000000 : -22399.5200000000004366,41250.0601196289062500
Debug: /home/alex/devel/cpp/qgis/trunk/src/providers/ogr/qgsogrprovider.cpp: 586: (select) Setting spatial filter using
POLYGON((-24040.61982500 40341.74243660, -24040.61982500 41907.39776115, -22359.49317500 41907.39776115, -22359.49317500
40341.74243660, -24040.61982500 40341.74243660))
ERROR 1: Corrupted .shp file : shape 3 : panPartStart4 = 10, panPartStart3 = 229
Segmentation fault
```

Running ogrinfo on this shape produces

```
bash-3.1$ ogrinfo ~/samples/vector/cart_2/pen_01.shp
INFO: Open of @/home/alex/samples/vector/cart_2/pen_01.shp'
      using driver @ESRI Shapefile' successful.
1: pen_01 (Line String)
```

#7 - 2010-06-27 11:24 AM - Giovanni Manghi

I guessed that was a problem in one of the shapefiles, nevertheless it should not crash.

PS

I'm using GDAL 1.7

#8 - 2010-06-27 11:44 AM - Jürgen Fischer

Replying to [comment:7 lutra]:

I guessed that was a problem in one of the shapefiles, nevertheless it should not crash.

Looks like it crashes within OGR. OGR_L_GetNextFeature doesn't return...

#9 - 2010-06-27 12:21 PM - Jürgen Fischer

- Status changed from Open to Closed

- Resolution set to worksforme

Replying to [comment:8 jef]:

Replying to [comment:7 lutra]:

I guessed that was a problem in one of the shapefiles, nevertheless it should not crash.

Looks like it crashes within OGR. OGR_L_GetNextFeature doesn't return...

Fix filed as [[GDAL #3665]]

#10 - 2010-06-27 01:04 PM - Jürgen Fischer

- *Status changed from Closed to Feedback*
- *Resolution deleted (worksforme)*

#11 - 2010-06-27 01:05 PM - Jürgen Fischer

- *Resolution set to upstream*
- *Status changed from Feedback to Closed*