

QGIS Application - Bug report #9375

Simplification causes GEOS exceptions when layer has labels

2014-01-20 03:12 AM - Nyall Dawson

Status:	Closed	
Priority:	Normal	
Assignee:	Alvaro Huarte	
Category:	Vectors	
Affected QGIS version:	master	Regression?: No
Operating System:	Ubuntu	Easy fix?: No
Pull Request or Patch applied:	Yes	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 17975
Description		
<p>I'm running into an issue with the new rendering simplification option. With this enabled on a layer which has labels shown the log is showing a lot of GEOS exceptions:</p> <p>Exception: IllegalArgumentException: Invalid number of points in LinearRing found 2 - must be 0 or >= 4</p> <p>Exception: Unknown exception thrown</p> <p>Happy to provide test datasets if required.</p>		

History

#1 - 2014-01-20 04:34 AM - Alvaro Huarte

Hi Nyall, are you using current master ? I am conversing with Jürgen Fischer, the commit (#3305a6c77903f1ef9cce012f52ff49c8e35f269a) has the ogr simplification broken

#2 - 2014-01-20 04:41 AM - Alvaro Huarte

- Assignee set to Alvaro Huarte

#3 - 2014-01-20 01:40 PM - Giovanni Manghi

- Target version set to Future Release - High Priority

- Category set to Vectors

#4 - 2014-01-22 03:43 AM - Alvaro Huarte

Hi Nyall, the pull #1087 was merged, can you test your issue please ?

#5 - 2014-01-22 09:55 AM - Alvaro Huarte

Hi Nyall, if you are testing a postgis layer, then these error comes from a bug in ST_Simplify function of postgis (<http://trac.osgeo.org/postgis/ticket/1698>). This bug collapses the geometries when the tolerance is too much big.

If you are using postgis, this patch fixes it:

<https://github.com/qgis/QGIS/pull/1099>

#6 - 2014-01-23 05:03 AM - Alvaro Huarte

- Resolution set to fixed/implemented

- *Pull Request or Patch supplied changed from No to Yes*

#7 - 2014-01-27 02:27 PM - Alvaro Huarte

- *Status changed from Open to Feedback*

#8 - 2014-06-22 02:40 AM - Giovanni Manghi

- *Status changed from Feedback to Closed*

the patch has been merged.