

## QGIS Application - Bug report #9375

### Simplification causes GEOS exceptions when layer has labels

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

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Alvaro Huarte	
<b>Category:</b> Vectors	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b> Windows	<b>Easy fix?:</b> No
<b>Pull Request or Patch applied:</b> Yes	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 17975
<b>Description</b>	
<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 &gt;= 4 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.