

# QGIS Application - Bug report #13296

## topology checker misleading errors

2015-08-31 12:27 PM - Giovanni Manghi

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> C++ plugins/Topology checker	
<b>Affected QGIS version:</b> 2.8.3	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b> end of life
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 21354
<b>Description</b>	
<p>When digitizing adjacent polygons using the "avoid intersection" rule, is easy enough at some point (especially if the layer is reprojected) to get gaps or overlapped areas... at least the topology checker says so. A further check, with GRASS, seems to exclude this problems, as holes (gaps) and overlapping areas are not detected.</p>	

### History

#### #1 - 2016-04-13 04:19 AM - Thomas Nogatz

Could you describe please how you did check the layer with GRASS?

#### #2 - 2016-04-13 07:33 AM - Giovanni Manghi

Thomas Nogatz wrote:

*Could you describe please how you did check the layer with GRASS?*

you have to import your vector into a GRASS mapset/location. You can do it using native GRASS or you can also use the QGIS/GRASS plugin (also to create a new mapset/location). The import module is v.in.ogr and you should use in first place without using any snapping option. After importing the vector you may end with up to 3 different GRASS layers: 0, 1, 2.

1 is the "normal" layer as you would expect

0 is a layer with polygons representing the holes/rings/spaces in the original layer

2 is a layer with polygons representing the overlapped areas in the original layer

if after the import you end up with just the 1 layer, then your original layers has no holes/rings/spaces and no overlapping areas.

#### #3 - 2017-05-01 01:06 AM - Giovanni Manghi

- Easy fix? set to No

- Regression? set to No

#### #4 - 2019-03-09 03:12 PM - Giovanni Manghi

- Resolution set to end of life

- Status changed from Open to Closed

End of life notice: QGIS 2.18 LTR

Source:

<http://blog.ggis.org/2019/03/09/end-of-life-notice-ggis-2-18-ltr/>