

QGIS Application - Bug report #21584

Union/Difference fails

2019-03-14 11:51 AM - Massimiliano Moraca

<b>Status:</b>	Open	
<b>Priority:</b>	High	
<b>Assignee:</b>		
<b>Category:</b>	Processing/QGIS	
<b>Affected QGIS version:</b>	3.6.0	<b>Regression?:</b> Yes
<b>Operating System:</b>	Ubuntu 16.04 LTS	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 29400
<b>Description</b>		
<p>I think I've found a bug in version 4.4. I'm trying to use Union with two vectors and QGIS show me this error:</p> <p><b>GEOS geoprocessing error: difference failed</b></p> <p>I do the same thing with 2.18.28 version and all work fine.</p> <p>In the attachment there are two vectors and five screenshots</p>		

History

#1 - 2019-03-14 12:45 PM - Giovanni Manghi

- Operating System deleted (Windows 10)
- Affected QGIS version changed from 3.4.4 to 3.6.0
- Category changed from Unknown to Processing/QGIS
- Subject changed from QGIS 3.4: GEOS geoprocessing error: difference failed to Union/Difference fails

The error is:

TopologyException: found non-noded intersection between LINESTRING (429648 4.53383e+06, 429649 4.53384e+06) and LINESTRING (429648 4.53383e+06, 429575 4.53384e+06) at 429648.43140567275 4533834.818665728

Execution failed after 1.65 seconds

Intersection seems to work.

SAGA and GRASS tools are ok.

#2 - 2019-03-14 06:02 PM - Massimiliano Moraca

Giovanni Manghi wrote:

The error is:

TopologyException: found non-noded intersection between LINESTRING (429648 4.53383e+06, 429649 4.53384e+06) and LINESTRING (429648 4.53383e+06, 429575 4.53384e+06) at 429648.43140567275 4533834.818665728

Execution failed after 1.65 seconds

Intersection seems to work.

| SAGA and GRASS tools are ok.

With which tool have you found this error?

#3 - 2019-03-14 10:37 PM - Giovanni Manghi

| With which tool have you found this error?

processing > vector overlay > union/difference

Files

dataset.zip	277 KB	2019-03-14	Massimiliano Moraca
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