

## QGIS Application - Bug report #21619

### Check geometries crashing QGIS 3.6

2019-03-19 07:56 PM - Pedro Henrique Caldeira Caliar

<b>Status:</b>	Feedback	
<b>Priority:</b>	High	
<b>Assignee:</b>		
<b>Category:</b>	C++ plugins/Geometry Checker	
<b>Affected QGIS version:</b>	3.6.0	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	Yes	<b>Copied to github as #:</b> 29435
<b>Description</b> <p>After running Check Geometries on QGIS 3.6, even by selecting a single vector layer or some of it's features, QGIS is crashing. When it has a considerable amount of errors, a "QGIS has crashed" window appears, while with a "small" amount of errors (230 or so), the algorithm might run normally and then QGIS crashes in less than a minute. Could it be that I'm using layers and files from a QGIS 2.x material? (if I run on all the layers, about 30k errors are reported and 350k+ errors are given as fixed/processed)</p> <p>If Check Geometries shouldn't be used for layers containing many errors, which tool should I use in it's place for fixing common geometry errors?</p>		

#### History

##### #1 - 2019-03-20 01:34 PM - Giovanni Manghi

- Category changed from Geometry to C++ plugins/Geometry Checker
- Status changed from Open to Feedback
- Priority changed from Normal to High

Please attach sample data and the exact specific configurations you are using in the geometry checker.

##### #2 - 2019-03-20 06:45 PM - Pedro Henrique Caldeira Caliar

- File Roads.7z added

Giovanni Manghi wrote:

| Please attach sample data and the exact specific configurations you are using in the geometry checker.

Input vector layers: only the attached layer.

Allowed geometries: line, multiline;

Geometry validity : duplicate nodes;

Geometry properties: none;

Geometry conditions: none;

Topology checks: check for duplicates;

Tolerance: 1e-6

Output: ESRI shapefile on temp directory

##### #3 - 2019-03-21 01:55 PM - Giovanni Manghi

- Operating System deleted (Windows 10)
- Status changed from Feedback to Open

Confirmed here also on Linux.

**#4 - 2019-03-28 09:37 AM - Giovanni Zanoni**

I am getting the same issue with QGIS 3.6 (and 3.4) even with a clean profile. It's ok in QGIS 3.2

**#5 - 2019-03-28 10:07 AM - Alessandro Pasotti**

- Assignee set to Alessandro Pasotti

**#6 - 2019-03-29 05:01 PM - Alessandro Pasotti**

- Assignee deleted (Alessandro Pasotti)

I cannot reproduce with test data on master/Linux Ubuntu 18.10

**#7 - 2019-04-02 09:22 AM - Giovanni Zanoni**

Fresh installation (3.6.1) but no way out (ok in 3.2). Check geometry plugin (with quite big dataset) makes QGis crash on Windows 10

**#8 - 2019-04-02 01:46 PM - Giovanni Manghi**

- Status changed from Open to Feedback

No more problems, with the provided dataset, here now on 3.6.1 on linux.

**#9 - 2019-04-02 01:49 PM - Giovanni Manghi**

Giovanni Manghi wrote:

| No more problems, with the provided dataset, here now on 3.6.1 on linux.

spoke too soon: it still crashes. It does when clicking on "ok" after the tool has fixed all the errors found.

does the same happens on 2.18? can anyone test?

**Files**

Roads.7z	39 KB	2019-03-20	Pedro Henrique Caldeira Caliri
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