QGIS Application - Bug report #18006
Geoprocessing Tools Fail with Memory Layers in QGIS 2.18

2018-01-30 09:05 PM - Calvin Hamilton

Status:	Rejected			
Priority:	Normal			
Assignee:				
Category:	Vectors			
Affected QGIS version:	2.18.16	**Regression?:**	Yes	
Operating System:	Windows	**Easy fix?:**	No	
Pull Request or Patch supplied:	No	**Resolution:**	duplicate	
Crashes QGIS or corrupts data:	Yes	**Copied to github as #:**	25902	

Description

I have attached a python script to illustrate this bug. I posted this problem on the qgis-developer group and Richard Duivenvoorde confirmed the problem. This problem appears to only affect QGIS 2.18.x. Richard tested it on QGIS 3.0 and it works fine. example1.jpg and exmple2.jpg were run using 2.14 to show the correct results.

Run two-polygons.py and it will create two polygons (see example1.jpg). Note that I have given Polygon 2 some transparency so you can see how they overlap. Now run "Vector->Geoprocessing Tools->Clip". I used 'Polygon 1' for the 'Input vector layer' and 'Polygon 2' for the 'Clip layer'. QGIS 2.14 produces the correct results as shown by example2.jpg. QGIS 2.18.16 does not clip. It returns 'Polygon 1' as shown by qgis2.18example.jpg.

This example just shows the Clip function but I think all of the Geoprocessing Tools have issues. 'Intersection' gives the same results. 'Symmetrical difference' and 'Difference' don't return any polygon result, but they should both return a result. I have not checked the rest.

Related issues:

Related to QGIS Application - Bug report # 16524: Processing/geoprocessing op...	**Closed**	**2017-05-05**

History

#1 - 2018-02-01 06:37 PM - Alexander Bruy

- Resolution set to duplicate

- Status changed from Open to Rejected

Duplicates #16524

#2 - 2018-02-01 06:37 PM - Alexander Bruy

- Related to Bug report #16524: Processing/geoprocessing operations failing in 2.18 with memory layers added

Files

two-polygons.py	912 Bytes	2018-01-30		Calvin Hamilton
example1.jpg	93.3 KB	2018-01-30		Calvin Hamilton
example2.jpg	94.6 KB	2018-01-30		Calvin Hamilton
qgis2.18example.jpg	106 KB	2018-01-30		Calvin Hamilton