QGIS Application - Bug report #12502
processing:runalg locks input file

2015-04-02 05:34 AM - Maximilian Krambach

Status:	Closed		
Priority:	Normal		
Assignee:	Victor Olaya		
Category:	Processing/Core		
Affected QGIS version:	2.8.1	**Regression?:**	No
Operating System:	Windows	**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	fixed/implemented
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	20648

Description

processing.runalg run from python console seems to "lock" the input file (CutLayer)
so it can't be deleted while running a plugin.
There seems to be no option to close runalg after completion.

processing.runalg('gdalogr:cliprasterbymasklayer', layerToBeCut CutLayer,None, False, False, "", "output.tif")
os.remove(Cutlayer) -->fails

History

#1 - 2015-04-02 06:06 AM - Giovanni Manghi

- Category set to Processing/Core

- Assignee set to Victor Olaya

#2 - 2015-06-09 12:26 PM - Julio Novoa

When running a script, there is a lock on files created by processing.runalg(). This happens in several algorithms, on Windows and Mac.

#3 - 2016-05-03 04:10 AM - Carlos Hernando

I am afraid that this issue remains in the current version 2.14.2. For instance, if I apply the "sieve" tool from the general GUI menu: Raster --> Analysis --> Sieve the input .tif image is realsed when the operation finished. However, if I apply the very same operation using the processing toolbox: GDAL/OGR --> Analysis --> Sieve, after compeltion the input .tif image remains locked by qgis-bin.exe and I cannot move or delete it. The same issue occurs if using the python console with "processing.runalg".

If you need any feedback from my side, please do not hesitate to let me know.

#4 - 2016-05-20 05:17 AM - Paolo Prosperi

- Target version set to Future Release - High Priority

I actually propose to give high priority to this bug.
Indeed, coupled with the other serious one in gdal_calc (and gdalogr:rastercalc, where a python error is thrown at the end of each and any calculation: #12760 plus https://trac.osgeo.org/osgeo4w/ticket/466 plus https://trac.osgeo.org/gdal/ticket/5666), it actually blocks me from automating raster algebra and other processes where a large amount of files are produced.

Carlos Hernando wrote:

> *I am afraid that this issue remains in the current version 2.14.2. For instance, if I apply the "sieve" tool from the general GUI menu: Raster --> Analysis --> Sieve the input .tif image is realsed when the operation finished. However, if I apply the very same operation using the processing toolbox: GDAL/OGR --> Analysis --> Sieve, after compeltion the input .tif image remains locked by qgis-bin.exe and I cannot move or delete it. The same issue occurs if using the python console with "processing.runalg".*
>
> *If you need any feedback from my side, please do not hesitate to let me know.*

#5 - 2016-06-26 02:24 AM - Jakub Kosik

I found it's not only related to processing.

In my plugin I used a lot of temp *.shp files. After "del vlayer" I was able to remove shapefiles (at least in QGIS 2.8). After update to 2.14.3 all attempts to delete shapefile after "del vlayer" causes "WindowsError: [Error 32]"

#6 - 2017-05-01 01:07 AM - Giovanni Manghi

- Regression? set to No
- Easy fix? set to No

#7 - 2018-06-01 07:50 AM - Nyall Dawson

- Resolution set to fixed/implemented
- Description updated
- Status changed from Open to Closed

Not an issue in 3.0