

QGIS Application - Bug report #19537

Still getting the /etc/colors/grass error while executing GRASS functions from the toolbox

2018-08-02 09:38 PM - vince -

Status: Closed	
Priority: Normal	
Assignee:	
Category: Processing/GRASS	
Affected QGIS version: 3.2.1	Regression?: No
Operating System: Mac OS X	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: invalid
Crashes QGIS or corrupts data: No	Copied to github as #: 27364

Description

I'm still getting the "infamous" '/etc/color/grass permission denied error' with QGis 3.2.1 and Grass 7.4.1, see below:

```
2018-08-02T21:22:11 INFO GRASS GIS 7 execution commands
g.proj -c proj4="+proj=lcc +lat_1=49 +lat_2=44 +lat_0=46.5 +lon_0=3 +x_0=700000 +y_0=6600000 +ellps=GRS80
+towgs84=0,0,0,0,0,0,0 +units=m +no_defs"
v.external
input="/var/folders/67/_hxgsxvd5jncf0y_j6hct0gc0000gn/T/processing_a3c6bd83695a4584a9fb69dbb3b4ebd8/bf923fc9c31f48abb1f16017a
bb1f16017a6ad2502/input.shp" output="vector_5b6359e36cb237" --overwrite -o
r.external input="PG: dbname=Lyon host=localhost port=5432 mode=2 schema=public column=rast table=altilyon" band=1
output="rast_5b6359e36cc2e8" --overwrite -o
g.region n=6526862.5 s=6511637.5 e=849587.5 w=835737.5 res=25.0
v.extrude input=vector_5b6359e36cb237 type="point,line,area" zshift=0 height_column=hauteur
elevation=rast_5b6359e36cc2e8 method="nearest" scale=1 output=output239670800fa74ec28b0690fc864c31f9 --overwrite
v.out.ogr -c type="auto" input="output239670800fa74ec28b0690fc864c31f9"
output="/var/folders/67/_hxgsxvd5jncf0y_j6hct0gc0000gn/T/processing_a3c6bd83695a4584a9fb69dbb3b4ebd8/7a5dab533f9a4bad8b18ee
bad8b18ee7ebdb4ecf1/output.shp" format="ESRI_Shapefile" --overwrite
2018-08-02T21:22:11 INFO GRASS GIS 7 execution console output

/var/folders/67/_hxgsxvd5jncf0y_j6hct0gc0000gn/T/processing_a3c6bd83695a4584a9fb69dbb3b4ebd8/grassdata/temp_location/PERMANENT
n/PERMANENT: /opt/local/share/grass-7.4.1/etc/colors/grass: Permission denied

/var/folders/67/_hxgsxvd5jncf0y_j6hct0gc0000gn/T/processing_a3c6bd83695a4584a9fb69dbb3b4ebd8/grassdata/temp_location/PERMANENT
n/PERMANENT: /opt/local/share/grass-7.4.1/etc/colors/grass: Permission denied
```

The binary is in /opt/local/bin/grass74 and the other files are in /opt/local/share... as shown above.

Some functions, like v.centroid, or v.voronoi, work like a charm. Some, like this one, fail. This is strange. Any idea? Thanks!

History

#1 - 2018-08-03 10:38 AM - Giovanni Manghi

- Subject changed from Still getting the /etc/colors/grass error while executing Grass functions from the toolbox to Still getting the /etc/colors/grass error while executing GRASS functions from the toolbox
- Category changed from GRASS to Processing/GRASS
- Status changed from Open to Feedback

Don't use macOS? Just jocking.

What "still" means? that this has been a constant in QGIS 3.* (because as far as I remember from my tests on macOS on QGIS LTR 2.18 it works ok)?

#2 - 2018-08-23 12:08 PM - vince -

Giovanni Manghi wrote:

Don't use macOS? Just jocking.

What "still" means? that this has been a constant in QGIS 3. (because as far as I remember from my tests on macOS on QGIS LTR 2.18 it works ok)?*

Per dir la verità, sì. Non è mai stato facile far funzionare correttamente Grass attraverso la toolbox.

To be honest, yep. It's never been easy to call Grass commands using the toolbox.

Ecco un log della mia ultima prova - here is a log of my last attempt:

Processing algorithm...

Algorithm 'v.buffer' starting...

Input parameters:

```
{ '-c' : False, '-s' : False, '-t' : False, 'GRASS_MIN_AREA_PARAMETER' : 0.0001, 'GRASS_OUTPUT_TYPE_PARAMETER' : 0, 'GRASS_REGION_PARAMETER' : None, 'GRASS_SNAP_TOLERANCE_PARAMETER' : -1, 'GRASS_VECTOR_DSCO' : '', 'GRASS_VECTOR_LCO' : '', 'angle' : 0, 'cats' : '', 'column' : None, 'distance' : 10, 'input' : 'dbname=\'Lyon\' host=localhost port=5432 sslmode=disable key=\'gid\' srid=2154 type=MultiPolygonZM table=\'public\'.\'bati\' (geom) sql=\', \'minordistance\' : None, 'output' : '/var/folders/hc/kc2mgvmx0_1g_6pfqbvmpfsr0000gn/T/processing_5da43a19c550454b85dd4d0556508706/d80b951a63aa468488b4907a653b93c7/output.s 93c7/output.shp', 'scale' : 1, 'tolerance' : 0.01, 'type' : [0,1,4], 'where' : '' }
```

```
g.proj -c proj4="+proj=icc +lat_1=49 +lat_2=44 +lat_0=46.5 +lon_0=3 +x_0=700000 +y_0=6600000 +ellps=GRS80 +towgs84=0,0,0,0,0,0,0 +units=m +no_defs"
```

v.external

```
input="/var/folders/hc/kc2mgvmx0_1g_6pfqbvmpfsr0000gn/T/processing_5da43a19c550454b85dd4d0556508706/74ef448b2cd54e7091bde4ae18f2fd49/inp e18f2fd49/input.shp" output="vector_5b7e85297a4fa3" --overwrite -o
```

```
g.region n=6524784.904786891 s=6513961.704437176 e=847593.8996833172 w=837752.8998626857
```

```
v.buffer input=vector_5b7e85297a4fa3 type="point,line,area" distance=10 angle=0 scale=1 tolerance=0.01
```

```
output=outputccd6003de9ce4f958fa626a870595951 --overwrite
```

```
v.out.ogr -c type="auto" input="outputccd6003de9ce4f958fa626a870595951"
```

```
output="/var/folders/hc/kc2mgvmx0_1g_6pfqbvmpfsr0000gn/T/processing_5da43a19c550454b85dd4d0556508706/d80b951a63aa468488b4907a653b93c7/ 7a653b93c7/output.shp" format="ESRI_Shapefile" --overwrite
```

```
/var/folders/hc/kc2mgvmx0_1g_6pfqbvmpfsr0000gn/T/processing_5da43a19c550454b85dd4d0556508706/grassdata/temp_location/PERMANENT: /opt/local NT: /opt/local/share/grass-7.4.1/etc/colors/grass: Permission denied
```

```
/var/folders/hc/kc2mgvmx0_1g_6pfqbvmpfsr0000gn/T/processing_5da43a19c550454b85dd4d0556508706/grassdata/temp_location/PERMANENT: /opt/local NT: /opt/local/share/grass-7.4.1/etc/colors/grass: Permission denied
```

Grazie della risposta, a proposito! Ciao!

Thanks for the answer!

#3 - 2018-08-23 06:41 PM - Giovanni Manghi

*To be honest, yep. It's never been easy to call Grass commands using the toolbox.
here is a log of my last attempt:*

if you can try with the stable release (2.18) and prove it works then we can tag this ticket as a regression and have it as a high priority issue. I cannot test as I don't have anymore a macOS machine available.

#4 - 2018-08-24 11:20 AM - vince -

Giovanni Manghi wrote:

*To be honest, yep. It's never been easy to call Grass commands using the toolbox.
here is a log of my last attempt:*

if you can try with the stable release (2.18) and prove it works then we can tag this ticket as a regression and have it as a high priority issue. I cannot test as I don't have anymore a macOS machine available.

Uffa. Dovrei ri-installare Qt4 e tutti quanti. Non credo che sia possibile a questo punto :(Tuttavia, sono disposto ad aggiungere trace code nel script in Python che serve ad avviare le comande, se può aiutare.

Wow. It would mean reinstalling Qt 4 and stuff. Not workable, sorry :(But I'm still willing to insert trace code into the Python script launcher, if that can help.

#5 - 2018-08-25 03:23 PM - Giovanni Manghi

Wow. It would mean reinstalling Qt 4 and stuff. Not workable, sorry :(

why? there are binary installers for macOS.

#6 - 2018-08-25 03:40 PM - vince -

Giovanni Manghi wrote:

Wow. It would mean reinstalling Qt 4 and stuff. Not workable, sorry :(

why? there are binary installers for macOS.

Vabbè. Smetto di scrivere in italiano.:)

Is everything packaged inside the installer? Like QGIS + Qt + Grass + ...? Because installers on MacOS have the bad habit of not being bundled with an uninstaller, and I don't want to spend a whole afternoon tracking what has been installed and where, just to erase it! :P

#7 - 2018-08-25 03:52 PM - Giovanni Manghi

vince - wrote:

Giovanni Manghi wrote:

|

2024-04-29

3/5

Wow. It would mean reinstalling Qt 4 and stuff. Not workable, sorry :(

why? there are binary installers for macOS.

Vabbè. Smetto di scrivere in italiano.:)

I can of course speak Italian, but it's not the right language here :)

Is everything packaged inside the installer? Like QGIS + Qt + Grass + ...? Because installers on MacOS have the bad habit of not being bundled with an uninstaller, and I don't want to spend a whole afternoon tracking what has been installed and where, just to erase it! :P

<http://qgis.org/downloads/macOS/QGIS-OSX-2.18.22-1.dmg>

as far as I know, is all bundled

#8 - 2018-08-26 03:17 PM - vince -

Giovanni Manghi wrote:

I can of course speak Italian, but it's not the right language here :)

It's never wrong to speak Italian :P

as far as I know, is all bundled

Okay, I installed it any tried to run a GRASS 7 command using my local installation. Here it goes:

2018-08-26T14:37:34 2 Uncaught error while executing algorithm

Traceback (most recent call last):

File "/Applications/QGIS.app/Contents/MacOS/../Resources/python/plugins/processing/core/GeoAlgorithm.py", line 203, in execute
self.processAlgorithm(progress)

File "/Applications/QGIS.app/Contents/MacOS/../Resources/python/plugins/processing/algs/grass7/Grass7Algorithm.py", line 297, in
processAlgorithm

Grass7Utils.executeGrass7(self.commands, progress, self.outputCommands)

File "/Applications/QGIS.app/Contents/MacOS/../Resources/python/plugins/processing/algs/grass7/Grass7Utils.py", line 298, in
executeGrass7

command, grassenv = Grass7Utils.prepareGrass7Execution(commands)

File "/Applications/QGIS.app/Contents/MacOS/../Resources/python/plugins/processing/algs/grass7/Grass7Utils.py", line 289, in
prepareGrass7Execution

command = Grass7Utils.command + ' ' + os.path.join(Grass7Utils.grassMapsetFolder(), 'PERMANENT')

TypeError: unsupported operand type(s) for +: 'NoneType' and 'str'

2018-08-26T14:37:34 1 There were errors executing the algorithm.

Apparently the script cannot find the location of the GRASS 7.4 executable, which is not located in the same directory than the binary beans (functions). Same happens with QGIS 3. If I created a link 'grass74' in the directory where the beans are stored, the error disappears. I run into something else, though

(I need the -text flag, otherwise grass looks for wxPython which it doesn't find).

Okay, I figured it out: the GRASS directory specified in the dialogue box must point where the 'grass74' is located, not the bins (functions).

However I ran into another bug, so I'm going to close this one and re-open another one.

#9 - 2018-08-26 05:27 PM - vince -

- *Resolution set to invalid*

#10 - 2018-08-29 04:58 PM - Giovanni Manghi

why invalid?

#11 - 2018-11-11 03:36 AM - Jürgen Fischer

- *Status changed from Feedback to Closed*

Giovanni Manghi wrote:

| *why invalid?*

invalid ticket.