

QGIS Application - Bug report #20281

QGIS 3.4: Python error when running "r.texture" on Windows

2018-10-30 07:37 PM - Odysseas VI

|                                 |         |                              |
|---------------------------------|---------|------------------------------|
| Status:                         | Closed  |                              |
| Priority:                       | High    |                              |
| Assignee:                       |         |                              |
| Category:                       | GRASS   |                              |
| Affected QGIS version:          | 3.4.0   | Regression?: Yes             |
| Operating System:               | Windows | Easy fix?: No                |
| Pull Request or Patch supplied: | Applied | Resolution: duplicate        |
| Crashes QGIS or corrupts data:  | No      | Copied to github as #: 28102 |

Description

In continuation of Bug report #20146,  
QGIS 3.4 Madeira and GRASS 7. r.texture does not provide any output. Not in temp, not in user defined folder.  
I have tried the function in Windows 10 64bit. On the same systems, QGIS 2.18 provided the outputs fine.

LOG outputs are like this:

Suspicious message *"r was unexpected at this time."*

```
Algorithm 'r.texture' starting...
Input parameters:
{ '-a' : False, '-s' : False, 'GRASS_REGION_CELLSIZE_PARAMETER' : 0, 'GRASS_REGION_PARAMETER' : None, 'distance' :
1, 'input' : 'C:/Users/.../asdf.tif', 'method' : [0], 'output' : 'C:\\Users\\...\\TESTFOLDER\\qw', 'size' : 3 }

r.external input="C:\\Users\\...\\asdf.tif" band=1 output="rast_5bd897a9cae473" --overwrite -o
g.region n=... s=... e=... w=... res=0.0891700128040893
r.texture input=rast_5bd897a9cae473 method="asm" size=3 distance=1 output=outputbf78f3ac0afc498ca24722f3e2ee97ec
--overwrite
for r in $(g.list type=rast pattern='outputbf78f3ac0afc498ca24722f3e2ee97ec*'); do
r.out.gdal -m -t input=${r} output=C:\\Users\\...\\TESTFOLDER\\qw\\${r}.tif --overwrite -c createopt="TFW=YES,COMPRESS=LZW"
done
Starting GRASS GIS...
WARNING: Concurrent mapset locking is not supported on Windows
Executing
<C:\\Users\\...\\AppData\\Local\\Temp\\processing_99d8c583f2914262bb9d62de6da82492\\grassdata\\grass_batch_job.cmd> ...

C:\\OSGEO4~1\\bin>chcp 1252 1>NUL

C:\\OSGEO4~1\\bin>r.external input="C:\\Users\\...\\Desktop\\QGIS_BARESOIL_2018\\TESTFOLDER\\asdf.tif" band=1
output="rast_5bd897a9cae473" --overwrite -o
Over-riding projection check
Reading band 1 of 1...
r.external complete. Link to raster map <rast_5bd897a9cae473> created.

C:\\OSGEO4~1\\bin>g.region n=... s=... e=... w=... res=0.0891700128040893

C:\\OSGEO4~1\\bin>r.texture input=rast_5bd897a9cae473 method="asm" size=3 distance=1
output=outputbf78f3ac0afc498ca24722f3e2ee97ec --overwrite
Reading raster map...
Calculating Angular Second Moment...
```

2..5..8..11..14..17..20..23..26..29..32..35..38..41..44..47..50..53..56..59..62..65..68..71..74..77..80..83..86..89..92..95..98..100  
r was unexpected at this time.

C:\OSGEO4~1\bin>for r in \$(g.list type=rast pattern='outputbf78f3ac0afc498ca24722f3e2ee97ec\*'); do  
Execution of  
<C:\Users\...\AppData\Local\Temp\processing\_99d8c583f2914262bb9d62de6da82492\grassdata\grass\_batch\_job.cmd>  
finished.  
Cleaning up temporary files...  
Press any key to continue . . .  
Traceback (most recent call last):  
File "C:\OSGEO4~1\apps\qgis\python\plugins\processing\algs\grass7\Grass7Algorithm.py", line 411, in processAlgorithm  
Grass7Utils.executeGrass(self.commands, feedback, self.outputCommands)  
File "C:\OSGEO4~1\apps\qgis\python\plugins\processing\algs\grass7\Grass7Utils.py", line 399, in executeGrass  
startupinfo=si if isWindows() else None  
File "C:\OSGEO4~1\apps\Python37\lib\subprocess.py", line 756, in \_\_init\_\_  
restore\_signals, start\_new\_session)  
File "C:\OSGEO4~1\apps\Python37\lib\subprocess.py", line 1155, in \_execute\_child  
startupinfo)  
OSError: [WinError 87] The parameter is incorrect  
Execution failed after 14.01 seconds  
  
Loading resulting layers  
Algorithm 'r.texture' finished

From the history in QGIS 3.4 FAILURE:

```
processing.run("grass7:r.texture",  
{'input':'C:/Users/.../asdf.tif','method':[0],'size':3,'distance':1,'-s':False,'-a':False,'output':'C:\\Users\\...\\TESTFOLDER\\qw','GRASS_REGION_P  
_REGION_PARAMETER':None,'GRASS_REGION_CELLSIZE_PARAMETER':0})
```

From the history in QGIS 2.18.25 SUCCESS:

```
processing.runalg("grass7:r.texture","C:/Users/.../asdf.tif","asm",3,1,False,False,".....","C:\\Users\\...\\TESTFOLDER\\qw")
```

**Related issues:**

|  |        |            |
|--|--------|------------|
| Duplicates QGIS Application - Bug report # 20146: QGIS 3.2.3 Bonn and GRASS 7... | Closed | 2018-10-17 |
|--|--------|------------|

**History**

- #1 - 2018-10-31 11:53 AM - Giovanni Manghi
- Subject changed from QGIS 3.4 , GRASS 7, r.texture does not work to QGIS 3.4: Python error when running "r.texture" on Windows
  - Operating System changed from Windows 10 64bit to Windows
  - Regression? changed from No to Yes

Works as expected on Linux. Works as expected on 2.18.

#2 - 2018-10-31 01:45 PM - Giovanni Manghi

This seems to be a more general issue rather than one specific to this tool: #20277-5

### #3 - 2018-11-08 12:24 AM - Pedro Venâncio

I also confirm this one on Windows 10, not just with r.texture.

Processing algorithm...

Algorithm 'r.mapcalculator' starting...

Input parameters:

```
{ 'GRASS_RASTER_FORMAT_META' : '', 'GRASS_RASTER_FORMAT_OPT' : '', 'GRASS_REGION_CELLSIZE_PARAMETER' : 0,
'GRASS_REGION_PARAMETER' : None, 'a' : 'D:/MDT/SRTM_80m_JAG/dem_srtm_pttm06_80m.tif', 'b' : None, 'c' : None, 'd' : None, 'e' : None,
'expression' : ' A*2', 'f' : None, 'output' :
'C:/Users/PedroVenancio/AppData/Local/Temp/processing_f598f058848044b8bc2f4cad464ccf64/3e5c2b3aa62949c7ad5041c3a0f2879d/output.tif' }
t.tif }
```

g.region n=0.0 s=0.0 e=0.0 w=0.0 res=100.0

r.mapcalculator a=rast\_5be372a24a7414 expression=" A\*2" output=outputd617677f2c85414285c9278aa3f8ca0d --overwrite

g.region raster=outputd617677f2c85414285c9278aa3f8ca0d

r.out.gdal -t -m input="outputd617677f2c85414285c9278aa3f8ca0d"

output="C:\Users\PedroVenancio\AppData\Local\Temp\processing\_f598f058848044b8bc2f4cad464ccf64\3e5c2b3aa62949c7ad5041c3a0f2879d\output.tif" format="GTiff" createopt="TFW=YES,COMPRESS=LZW" --overwrite

Cleaning up temporary files...

Starting GRASS GIS...

WARNING: Concurrent mapset locking is not supported on Windows

Executing <C:\Users\PedroVenancio\AppData\Local\Temp\processing\_f598f058848044b8bc2f4cad464ccf64\grassdata\grass\_batch\_job.cmd>

...

C:\OSGeo4W64\bin>chcp 1252 1>NUL

C:\OSGeo4W64\bin>g.region n=0.0 s=0.0 e=0.0 w=0.0 res=100.0

ERROR: North must be larger than South

C:\OSGeo4W64\bin>r.mapcalculator a=rast\_5be372a24a7414 expression=" A\*2" output=outputd617677f2c85414285c9278aa3f8ca0d

--overwrite

Execution of

<C:\Users\PedroVenancio\AppData\Local\Temp\processing\_f598f058848044b8bc2f4cad464ccf64\grassdata\grass\_batch\_job.cmd> finished.

Cleaning up temporary files...

Traceback (most recent call last):

File "C:/OSGeo4~1/apps/qgis-rel-dev/.python/plugins\processing\algs\grass7\Grass7Algorithm.py", line 415, in processAlgorithm

Grass7Utils.executeGrass(self.commands, feedback, self.outputCommands)

File "C:/OSGeo4~1/apps/qgis-rel-dev/.python/plugins\processing\algs\grass7\Grass7Utils.py", line 408, in executeGrass

startupinfo=si if isWindows() else None

File "C:/OSGeo4~1/apps/Python37\lib\subprocess.py", line 756, in \_\_init\_\_

restore\_signals, start\_new\_session)

File "C:/OSGeo4~1/apps/Python37\lib\subprocess.py", line 1155, in \_execute\_child

startupinfo)

OSError: [WinError 87] O parâmetro está incorreto

Execution failed after 3.60 seconds

Loading resulting layers

The following layers were not correctly

generated.<ul><li>C:/Users/PedroVenancio/AppData/Local/Temp/processing\_f598f058848044b8bc2f4cad464ccf64/3e5c2b3aa62949c7ad5041c3a0f2879d/output.tif</li></ul>You can check the 'Log Messages Panel' in QGIS main window to find more information about the execution of the algorithm.

Giovanni, can you update the title to remove the reference to r.texture module?

**#4 - 2018-11-11 01:51 PM - Jürgen Fischer**

- *Duplicates Bug report #20146: QGIS 3.2.3 Bonn and GRASS 7. r.texture does not provide any output. added*

**#5 - 2018-11-11 01:51 PM - Jürgen Fischer**

- *Status changed from Open to Closed*

- *Resolution set to duplicate*

**#6 - 2018-11-11 10:42 PM - Jürgen Fischer**

- *Description updated*