

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:	No	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 <i>"r was unexpected at this time."</i> <pre>Algorithm 'r.texture' starting... Input parameters: { '-a' : False, '-s' : False, 'GRASS_REGION_CELL_SIZE_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...</pre>		

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_CELL_SIZE_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
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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_CELL_SIZE_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.C:/Users/PedroVenancio/AppData/Local/Temp/processing_f598f058848044b8bc2f4cad464ccf64/3e5c2b3aa62949c7ad5041c3a0f2879d/output.tifYou 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*