

QGIS Application - Bug report #9161

Gridding from SAGA fails. Output layers could not be open.

2013-12-04 02:55 AM - Ramiro Romero

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Processing/Core	
Affected QGIS version:	2.0.1	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution: invalid
Crashes QGIS or corrupts data:		Copied to github as #: 17794

Description

Hi.

I'm using Qgis 2.1.0 and SAGA 2.1.0 modules. When processing the module Gridding/inverse distance(and more) I get a message:

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Oooops! The following output layers could not be open  
Grid: /tmp/processing/27f2a3e9e788460791a74cd94fa004a3/USERGRID.tif  
The above files could not be opened, which probably indicates that they were not correctly produced by the executed algorithm  
Checking the log information might help you see why those layers were not created as expected  
This algorithm requires SAGA to be run. A test to check if SAGA is correctly installed and configured in your system has been performed, with the following result:  
SAGA seems to be correctly installed and configured

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The log messages are:  
Algorithm Inverse distance weighted starting...  
grid\_gridding "Inverse Distance Weighted" -SHAPES "/sclim/acq/indices\_15082013\_UTM.shp" -FIELD "RIESGO" -TARGET 0  
-WEIGHTING 0 -WEIGHT\_POWER 2 -WEIGHT\_BANDWIDTH 1 -SEARCH\_RANGE 1 -SEARCH\_RADIUS 100 -SEARCH\_DIRECTION  
0 -SEARCH\_POINTS\_ALL 0 -SEARCH\_POINTS\_MAX 10 -USER\_XMIN -88695.1942309 -USER\_XMAX 1161424.80192  
-USER\_YMIN 3929805.96327 -USER\_YMAX 4896687.50859 -USER\_SIZE 2500 -USER\_GRID "/tmp/processing/output.tif.sgrd"  
io\_gdal 1 -GRIDS "/tmp/processing/output.tif.sgrd" -FORMAT 1 -TYPE 0 -FILE "/tmp/processing/output.tif"

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3. ##### ## # #####  
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library path: /usr/local/saga/2.1.0/lib/saga/libgrid\_gridding.so  
library name: Grid - Gridding  
module name : Inverse Distance Weighted  
author : O.Conrad (c) 2003

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Load shapes: /sclim/acq/indices\_15082013\_UTM.shp...

Parameters

Points: indices\_15082013\_UTM  
Attribute: RIESGO  
Target Grid: user defined  
Search Range: global  
Maximum Search Distance: 100.000000  
Number of Points: maximum number of nearest points  
Maximum Number of Points: 10  
Search Direction: all directions  
Distance Weighting: inverse distance to a power  
Power: 2.000000  
Bandwidth: 1.000000

Warning 1: libtiff version mismatch : You're linking against libtiff 3.X, but GDAL has been compiled against libtiff >= 4.0.0  
ERROR 1: *tiffSeekProc:Invalid argument*  
ERROR 1: *\_tiffSeekProc:Invalid argument*  
ERROR 1: *\_tiffSeekProc:Invalid argument*  
ERROR 1: *\_tiffSeekProc:Invalid argument*  
ERROR 1: *\_tiffSeekProc:Invalid argument*  
ERROR 1: */tmp/processing/output.tif:Error writing data for field "StripOffsets"*  
ERROR 1: */tmp/processing/output.tif, band 1: IReadBlock failed at X offset 0, Y offset 1*  
ERROR 1: *GetBlockRef failed at X block offset 0, Y block offset 1*

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    1. # ## ##### # ##

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library path: /usr/local/saga/2.1.0/lib/saga/libio\_gdal.so  
library name: Import/Export - GDAL/OGR  
module name : GDAL: Export Raster  
author : O.Conrad (c) 2007

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Load grid: /tmp/processing/output.tif.sgrd...

Parameters

Grid system: 2500; 501x 388y; -88695.194231x 3929805.963270y  
Grid(s): 1 object (output.tif)  
File: /tmp/processing/output.tif  
Format: GeoTIFF  
Data Type: match input data  
Set Custom NoData: no  
NoData Value: 0.000000  
Creation Options:

Band 1

Converting outputs  
Loading resulting layers  
Algorithm Inverse distance weighted finished

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This is with a Linux machine. I have the same versions in Windows and I don't have any problems to run the SAGA modules.

Thanks

Ramiro

## History

### #1 - 2013-12-04 03:20 AM - Giovanni Manghi

- Resolution set to invalid
- Status changed from Open to Closed
- Category set to 94

you have an issue with your Saga installation

Warning 1: libtiff version mismatch : You're linking against libtiff 3.X, but GDAL has been compiled against libtiff >= 4.0.0

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ERROR 1: /tmp/processing/output.tif:Error writing data for field "StripOffsets"

ERROR 1: /tmp/processing/output.tif, band 1: IReadBlock failed at X offset 0, Y offset 1

ERROR 1: GetBlockRef failed at X block offset 0, Y block offset 1

### #2 - 2015-06-07 04:30 AM - Giovanni Manghi

- Category changed from 94 to Processing/Core