

QGIS Application - Bug report #21120

SAGA Fill Sink

2019-01-29 05:14 PM - Lene Fischer

Status: Closed	
Priority: Normal	
Assignee:	
Category: Processing/SAGA	
Affected QGIS version: 3.4.4	Regression?: No
Operating System: Windows	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: no timely feedback
Crashes QGIS or corrupts data: No	Copied to github as #: 28938

Description

Trying to use SAGA Fill Sink.
It runs smoothly, but send out an error message. See attached file.
This is both for temp files and for saving as a file.

Secondly it is only possible to save as SDAT - not TIFF

History

#1 - 2019-01-29 05:36 PM - Giovanni Manghi

In QGIS 3 SAGA only outputs in its native data format, by design.

#2 - 2019-01-29 05:37 PM - Lene Fischer

Why - previously it was in TIF

#3 - 2019-01-29 05:42 PM - Giovanni Manghi

- Regression? changed from Yes to No
- Status changed from Open to Feedback

Lene Fischer wrote:

| Why - previously it was in TIF

I think this is better answered by Nyall/AlexB as they have re-written Processing.

About the issue reported in this ticket, I can't confirm on Win7 and QGIS 3.4.4 with SAGA LTR installed (Processing works with SAGA LTR):

g algorithm?

Algorithm 'Fill sinks' starting?

Input parameters: { 'DEM' : 'C:/Users/qgis/Desktop/postgis_training/data/rasters/mdt_clipped_3763.tif', 'MINSLOPE' : 0.01, 'RESULT' : 'C:/Users/qgis/AppData/Local/Temp/processing_8982c772d80e4606b9f8a0599c21fc31/06c4c8e6182640a1a3920f3302dc11d3/RESULT.sdat' }

io_gdal 0 -TRANSFORM 1 -RESAMPLING 3 -GRIDS

"C:/Users/qgis/AppData/Local/Temp/processing_8982c772d80e4606b9f8a0599c21fc31/a9947d23e54d445e827e31c4a3f9bc3f/mdtclipped3763.sgrd"

```
-FILES "C:/Users/qgis/Desktop/postgis_training/data/rasters/mdt_clipped_3763.tif"
ta_preprocessor "Fill Sinks (Planchon/Darbox, 2001)" -DEM
"C:/Users/qgis/AppData/Local/Temp/processing_8982c772d80e4606b9f8a0599c21fc31/a9947d23e54d445e827e31c4a3f9bc3f/mdtclipped3763.sgrd"
-MINSLOPE 0.01 -RESULT
"C:/Users/qgis/AppData/Local/Temp/processing_8982c772d80e4606b9f8a0599c21fc31/06c4c8e6182640a1a3920f3302dc11d3/RESULT.sdat"
```

```
C:\OSGEO4~1\bin>set SAGA=C:/OSGEO4~1/apps\saga-ltr
```

```
C:\OSGEO4~1\bin>set SAGA_MLB=C:/OSGEO4~1/apps\saga-ltr\modules
```

```
C:\OSGEO4~1\bin>PATH=C:\OSGEO4~1\apps\qgis\bin;C:\OSGEO4~1\apps\Python37;C:\OSGEO4~1\apps\Python37\Scripts;C:\OSGEO4~1\apps\qt5\
in;C:\OSGEO4~1\apps\Python27\Scripts;C:\OSGEO4~1\bin;C:\Windows\system32;C:\Windows;C:\Windows\system32\WBem;C:\OSGEO4~1\apps\Python37\lib\si
n37\lib\site-packages\numpy\.libs;C:/OSGEO4~1/apps\saga-ltr;C:/OSGEO4~1/apps\saga-ltr\modules
```

```
C:\OSGEO4~1\bin>saga_cmd io_gdal 0 -TRANSFORM 1 -RESAMPLING 3 -GRIDS
"C:/Users/qgis/AppData/Local/Temp/processing_8982c772d80e4606b9f8a0599c21fc31/a9947d23e54d445e827e31c4a3f9bc3f/mdtclipped3763.sgrd"
-FILES "C:/Users/qgis/Desktop/postgis_training/data/rasters/mdt_clipped_3763.tif"
```

```
1. ## ##### ##
```

```
1. ### ## ###
```

```
2. # ## ## ##### # ##
```

```
3. ##### ## # #####
```

```
1. # ## ##### # ##
```

SAGA Version: 2.3.2 (64 bit)

```
library path: C:\OSGEO4~1\apps\saga-ltr\modules\
library name: io_gdal
library : GDAL/OGR
tool : Import Raster
author : O.Conrad (c) 2007 (A.Ringeler)
processors : 2 [2]
```

Parameters

```
Grids: No objects
Files: "C:/Users/qgis/Desktop/postgis_training/data/rasters/mdt_clipped_3763.tif"
Select from Multiple Bands:
Alphanumeric Sorting: yes
Transformation: yes
Resampling: B-Spline Interpolation
```

```
loading: C:/Users/qgis/Desktop/postgis_training/data/rasters/mdt_clipped_3763.tif
```

```
Driver: GTiff
```

```
Bands: 1
```

Rows: 559

Columns: 455

loading: mdt_clipped_3763

C:\OSGEO4~1\bin>saga_cmd ta_preprocessor "Fill Sinks (Planchon/Darboux, 2001)" -DEM

"C:/Users/qgis/AppData/Local/Temp/processing_8982c772d80e4606b9f8a0599c21fc31/a9947d23e54d445e827e31c4a3f9bc3f/mdtclipped3763.sgrd"

-MINSLOPE 0.01 -RESULT

"C:/Users/qgis/AppData/Local/Temp/processing_8982c772d80e4606b9f8a0599c21fc31/06c4c8e6182640a1a3920f3302dc11d3/RESULT.sdat"

1. ## ##### ##

1. ### ## ###

2. # ## ## ##### # ##

3. ##### ## # #####

1. # ## ##### # ##

SAGA Version: 2.3.2 (64 bit)

library path: C:\OSGEO4~1\apps\saga-ltr\modules\

library name: ta_preprocessor

library : Preprocessing

tool : Fill Sinks (Planchon/Darboux, 2001)

author : Copyrights (c) 2003 by Volker Wichmann

processors : 2 [2]

Load grid:

C:/Users/qgis/AppData/Local/Temp/processing_8982c772d80e4606b9f8a0599c21fc31/a9947d23e54d445e827e31c4a3f9bc3f/mdtclipped3763.sgrd...

Parameters

Grid system: 80; 559x 455y; 10283.085928x 54418.184309y

DEM: mdtclipped3763

Filled DEM: Filled DEM

Minimum Slope [Degree]: 0.010000

C:\OSGEO4~1\bin>exit

Execution completed in 28.23 seconds

Results: {'RESULT':

'C:/Users/qgis/AppData/Local/Temp/processing_8982c772d80e4606b9f8a0599c21fc31/06c4c8e6182640a1a3920f3302dc11d3/RESULT.sdat'}

Loading resulting layers

Algorithm 'Fill sinks' finished

#4 - 2019-01-29 11:40 PM - Gabriel De Luca

The error reported was already fixed in saga-ltr-2.3.2-4 package.

<https://trac.osgeo.org/osgeo4w/ticket/589>

#5 - 2019-01-30 12:19 PM - Giovanni Manghi

Gabriel De Luca wrote:

The error reported was already fixed in saga-ltr-2.3.2-4 package.

<https://trac.osgeo.org/osgeo4w/ticket/589>

I'm using this version, so this explains that I don't get the error. Lene can you check what SAGA version have you installed?

#6 - 2019-02-24 01:33 AM - Giovanni Manghi

- *Resolution set to no timely feedback*

- *Status changed from Feedback to Closed*

Files

fill_sink_error_log.txt	10.1 KB	2019-01-29	Lene Fischer
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