

QGIS Application - Bug report #16332

[macOS] SAGA algs not working in QGIS 2.18.x

2017-03-09 03:04 AM - Patrick Schratz

Status:	Closed	
Priority:	High	
Assignee:		
Category:	Processing/SAGA	
Affected QGIS version:	2.18.4	Regression?: No
Operating System:	Mac	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: worksforme
Crashes QGIS or corrupts data:	No	Copied to github as #: 24242
Description		
Referring to this SE question: http://gis.stackexchange.com/questions/217414/saga-algorithms-not-working-on-qgis-2-18-on-mac-osx		
Getting segfault errors when executing SAGA algorithms:		
.qgis2//processing/saga_batch_job.sh: line 3: 5770 Segmentation fault: 11 saga_cmd		
Tried both the source version using homebrew (https://github.com/OSGeo/homebrew-osgeo4mac) and Kyngchaos binary.		
Homebrew compiles with SAGA v2.2.2, Kyngchaos binary comes with SAGA 2.2.3		

History

#1 - 2017-03-09 05:13 AM - Patrick Schratz

Here is the full QGIS GUI output of SAGAs "Slope, Aspect, Curvature". The italic formatted lines are the ones coloured grey in QGIS GUI output.

Algorithm Slope, aspect, curvature starting...

@io_gdal 0 -TRANSFORM 1 -INTERPOL 0 -GRIDS

"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/d4fba6b4ffe742ffa8a867949c2171e1/dem.sgrd" -FILES "/Users/pjs/Desktop/dem.tif"

ta_morphometry "Slope, Aspect, Curvature" -ELEVATION

"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/d4fba6b4ffe742ffa8a867949c2171e1/dem.sgrd" -METHOD 6 -UNIT_SLOPE 1 -UNIT_ASPECT 1 -SLOPE

"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/8c999bf2953b465b956d4b86d28d16d5/SLOPE.sdat" -ASPECT

"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/16bfca419a5d47fc8a95f85d8af67982/ASPECT.sdat" -C_GENE

"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/9c58736b754a45779c1a4695bbefa60b/CGENE.sdat" -C_PLAN

"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/6670c6f9657f4313af1770aec9b045e0/CPLAN.sdat" -C_PROF

"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/3812e3e8c3904302b7fb385738ab27cc/CPROF.sdat" -C_TANG

"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/9bcf84991abc442794569425c261711f/CTANG.sdat" -C_LONG

"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/e27ca8776d504650a99939d9b9153f91/CLONG.sdat" -C_CROS

"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/e57720cbcdee439fa1891a050619ae0c/CCROS.sdat" -C_MINI

```
"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/a3206621d27648d398917cac72881d21/CMINI.sdat" -C_MAXI
21/CMINI.sdat" -C_MAXI
"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/4f9d84af6df84730ac6ccf44baa699cc/CMAXI.sdat"
/CMAXI.sdat" -C_TOTA
"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/6af663fb1f284d69a65b0c1bb2604e1f/CTOTA.sdat
f/CTOTA.sdat" -C_ROTO
"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/2982a5f4f4a04b4dbe0b52be6febfbf9/CROTO.sdat
/CROTO.sdat"
```

```
_/_Users/pjs/.qgis2//processing/saga_batch_job.sh: line 3: 64983 Segmentation fault: 11 saga_cmd io_gdal 0 -TRANSFORM 1 -INTERPOL 0
-GRIDS
"/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/d4fba6b4ffe742ffa8a867949c2171e1/dem.sgrd" -F
dem.sgrd" -FILES "/Users/pjs/Desktop/dem.tif"
Error: input file
[/var/folders/5j/_1ts10x512sg_5q_3kzc_c1w0000gn/T/processinga97d51c427ce4c6cb1514e6a2359621e/d4fba6b4ffe742ffa8a867949c2171e1/dem.sgrd][?]E
dem.sgrd]
Error: Elevation@_
```

#2 - 2017-04-29 04:28 AM - Giovanni Manghi

- *Target version set to Version 2.18*
- *Category set to Processing/SAGA*

using 2.18.2 from KyngChaos on 10.12.4 Processing is broken for me, see:

#16487

#3 - 2017-04-29 04:49 AM - Giovanni Manghi

- *Status changed from Open to Feedback*

the message seems to indicate that is SAGA that is crashing, so nothing related to QGIS or Processing.

I have tried from the command line both SAGA installed together with the 2.14.10 and 2.18.2 installers from KyngChaos and it works as expected (a clean 10.12.4 macOS here).

#4 - 2017-05-01 01:01 AM - Giovanni Manghi

- *Regression? set to No*
- *Easy fix? set to No*

#5 - 2017-05-09 07:00 PM - Larry Shaffer

- *Description updated*

Patrick,

Try using the new saga-gis-lts OSGeo4Mac formulae for the Homebrew setup. It is the only one supported for all current QGIS versions.

#6 - 2017-05-26 05:11 PM - Giovanni Manghi

- *Resolution set to worksforme*
- *Status changed from Feedback to Closed*

Closing for lack of feedback.