

QGIS Application - Bug report #11431

Merge raster layers error in Processing

2014-10-17 10:26 AM - Paolo Cavallini

Status:	Closed	
Priority:	Normal	
Assignee:	Victor Olaya	
Category:	Processing/SAGA	
Affected QGIS version:	master	Regression?: No
Operating System:	unspecified	Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed/implemented
Crashes QGIS or corrupts data:		Copied to github as #: 19707

Description

Apparently an option has changed in SAGA:

Algorithm Merge raster layers starting...

```
grid_tools "Merging" -GRIDS
"/tmp/processing/df59e75a8bc14e51a2e0f9e34d14f6c2/OUTPUT.tif.sgrd;/tmp/processing/4295320f57714bb69d8d7378e1b93eed/Outputlayer.s
utlayer.sgrd" -TYPE 7 -INTERPOL 0 -OVERLAP 0 -MERGED "/tmp/processing/e279770e3c4243fcb2bc0ef06204f0cf/MERGED.tif.sgrd"
```

```
io_gdal 1 -GRIDS "/tmp/processing/e279770e3c4243fcb2bc0ef06204f0cf/MERGED.tif.sgrd" -FORMAT 1 -TYPE 0 -FILE
"/tmp/processing/e279770e3c4243fcb2bc0ef06204f0cf/MERGED.tif"
```

Unknown option 'GRIDS'

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

1. ### ## ###
2. # ## ## ##### # ##
3. ##### ## # #####
   1. # ## ##### # ##
```

library path: /usr/lib/x86_64-linux-gnu/saga/libgrid_tools.so

library name: Grid - Tools

tool name : Resampling

author : O.Conrad (c) 2003

Usage: saga_cmd grid_tools 0 -INPUT [-INPUT_ADD] [-OUTPUT_ADD] [-KEEP_TYPE] [-TARGET] [-SCALE_UP_METHOD]
[-SCALE_DOWN_METHOD] [-USER_XMIN] [-USER_XMAX] [-USER_YMIN] [-USER_YMAX] [-USER_SIZE] [-USER_FIT]
[-USER_GRID] [-GRID_GRID]

-INPUT: Grid

Grid (input)

-INPUT_ADD: Additional Grids

Grid list (optional input)

-OUTPUT_ADD: Additional Grids

Grid list (optional output)

-KEEP_TYPE Preserve Data Type

Boolean

Default: 0

-TARGET: Target Grid
Choice
Available Choices:
[0] user defined
[1] grid
Default: 0
-SCALE_UP_METHOD: Interpolation Method
Choice
Available Choices:
[0] Nearest Neighbor
[1] Bilinear Interpolation
[2] Inverse Distance Interpolation
[3] Bicubic Spline Interpolation
[4] B-Spline Interpolation
[5] Mean Value
[6] Mean Value (cell area weighted)
[7] Minimum Value
[8] Maximum Value
[9] Majority
Default: 6
-SCALE_DOWN_METHOD: Interpolation Method
Choice
Available Choices:
[0] Nearest Neighbor
[1] Bilinear Interpolation
[2] Inverse Distance Interpolation
[3] Bicubic Spline Interpolation
[4] B-Spline Interpolation
Default: 4
-USER_XMIN: Left
Floating point
Default: 0.000000
-USER_XMAX: Right
Floating point
Default: 0.000000
-USER_YMIN: Bottom
Floating point
Default: 0.000000
-USER_YMAX: Top
Floating point
Default: 0.000000
-USER_SIZE: Cellsize
Floating point
Minimum: 0.000000
Default: 1.000000
-USER_FIT: Fit
Choice
Available Choices:
[0] nodes
[1] cells
Default: 0
-USER_GRID: Grid
Data Object (optional output)

-GRID_GRID: Grid
Grid (optional input)
Error: Grid file could not be opened.
Error: executing tool [GDAL: Export Raster]

1. ## ##### ##

1. ### ## ###

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

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

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

library path: /usr/lib/x86_64-linux-gnu/saga/libio_gdal.so
library name: Import/Export - GDAL/OGR
tool name : GDAL: Export Raster
author : O.Conrad (c) 2007

Load grid: /tmp/processing/e279770e3c4243fcb2bc0ef06204f0cf/MERGED.tif.sgrd...
failed
GDAL: Export Raster: could not initialize data objects
Output di conversione
Caricamento layer
Algorithm Merge raster layers finished

History

#1 - 2014-10-19 09:17 AM - Giovanni Manghi

- Affected QGIS version changed from 2.4.0 to master

The tool changed name in SAGA 2.1.2, now is "mosaiking", but the tool code is [3] as the previous "merging".

As the tool "merging" does not exist anymore the above error message actually shows the usage of tool [0] and this can confuse a lot...

I noticed also that in SAGA 2.1.2 there are two more grid_tools modules compared to 2.1.0 and three more compared to 2.0.8.

I'm working to fix all this issues.

#2 - 2014-10-19 11:51 AM - Giovanni Manghi

see

<https://github.com/qgis/QGIS/pull/1636>

#3 - 2014-10-20 04:59 AM - Giovanni Manghi

- Resolution set to fixed/implemented

- Status changed from Open to Closed

