

QGIS Application - Bug report #20947

Merging DEM

2019-01-09 06:20 AM - Matthew Willis

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|--|------------|-------------------------------------|
| Status: | Closed | |
| Priority: | Normal | |
| Assignee: | | |
| Category: | Actions | |
| Affected QGIS version: | 3.4.3 | Regression?: No |
| Operating System: | Windows 10 | Easy fix?: No |
| Pull Request or Patch supplied: | No | Resolution: duplicate |
| Crashes QGIS or corrupts data: | No | Copied to github as #: 28766 |
| Description | | |
| <p>Hi. Since upgrading to the latest version of Qgis I can no longer merge DEM raster layers. I get the following log information. I note it mentions an error "ImportError: No module named _gdal_array" however I have no idea what this is. Thanks for any help.</p> <p>Processing algorithm...</p> <p>Algorithm 'Merge' starting...</p> <p>Input parameters: { 'DATA_TYPE' : 5, 'INPUT' : ['D:/DEM/HawkesburySOUTH0511/DEM/1m/HawkesburySOUTH2011_3106274_56_0002_0002_1m.asc', 'D:/DEM/HawkesburySOUTH0511/DEM/1m/HawkesburySOUTH2011_3106276_56_0002_0002_1m.asc'], 'NODATA_INPUT' : None, 'NODATA_OUTPUT' : None, 'OPTIONS' : '', 'OUTPUT' : 'C:/Users/User/AppData/Local/Temp/processing_8c2dfe45ca564f77b6f604694185fc32/359e589f2e084114b3b94422f2c9df25/OUTPUT.tif', 'PCT' : False, 'SEPARATE' : False }</p> <p>GDAL command:</p> <p>cmd.exe /C gdal_merge.bat -ot Float32 -of GTiff -o C:/Users/User/AppData/Local/Temp/processing_8c2dfe45ca564f77b6f604694185fc32/359e589f2e084114b3b94422f2c9df25/OUTPUT.tif --optfile C:/Users/User/AppData/Local/Temp/processing_8c2dfe45ca564f77b6f604694185fc32/mergeInputFiles.txt</p> <p>GDAL command output:</p> <p>0RuntimeError: module compiled against API version 0xc but this version of numpy is 0xa</p> <p>Traceback (most recent call last):</p> <p>File "C:\PROGRA~1\QGIS3~1.4\bin\gdal_merge.py", line 611, in <module></p> <p>sys.exit(main())</p> <p>File "C:\PROGRA~1\QGIS3~1.4\bin\gdal_merge.py", line 596, in main</p> <p>fi.copy_into(t_fh, band, band, nodata)</p> <p>File "C:\PROGRA~1\QGIS3~1.4\bin\gdal_merge.py", line 343, in copy_into</p> <p>nodata_arg)</p> <p>File "C:\PROGRA~1\QGIS3~1.4\bin\gdal_merge.py", line 124, in raster_copy</p> <p>m_band)</p> <p>File "C:\PROGRA~1\QGIS3~1.4\bin\gdal_merge.py", line 180, in raster_copy_with_mask</p> <p>t_xsize, t_ysize)</p> | | |

File "C:\PROGRA~1\QGIS3~1.4\apps\Python27\lib\site-packages\osgeo\gdal.py", line 2635, in ReadFromArray

from osgeo import gdalnumeric

File "C:\PROGRA~1\QGIS3~1.4\apps\Python27\lib\site-packages\osgeo\gdalnumeric.py", line 2, in <module>

from osgeo.gdal_array import *

File "C:\PROGRA~1\QGIS3~1.4\apps\Python27\lib\site-packages\osgeo\gdal_array.py", line 17, in <module>

_gdal_array = swig_import_helper()

File "C:\PROGRA~1\QGIS3~1.4\apps\Python27\lib\site-packages\osgeo\gdal_array.py", line 16, in swig_import_helper

return importlib.import_module('_gdal_array')

File "C:\PROGRA~1\QGIS3~1.4\apps\Python27\lib\importlib__init__.py", line 37, in import_module

import(name)

ImportError: No module named _gdal_array

Execution completed in 1.10 seconds

Results: {'OUTPUT': <QgsProcessingOutputLayerDefinition

['sink': 'C:/Users/User/AppData/Local/Temp/processing_8c2dfe45ca564f77b6f604694185fc32/359e589f2e084114b3b94422f2c9df25/OUTPUT.t
TPUT.tif, 'createOptions': {'fileEncoding': 'System'}}>}

Loading resulting layers

Related issues:

Duplicates QGIS Application - Bug report # 20895: Raster Merge Failure

Closed

2018-12-30

History

#1 - 2019-01-09 09:44 AM - Giovanni Manghi

- Status changed from Open to Feedback

Does the gdal_merge command work from the command line (use the osgeo4w shell)?

#2 - 2019-01-09 09:51 AM - Matthew Willis

Sorry, I have no idea. Im strictly a click and see what happens user. My eyes glaze over and it gets too hard if it doesnt work the way it has before.

#3 - 2019-01-09 09:55 AM - Giovanni Manghi

Matthew Willis wrote:

Sorry, I have no idea. Im strictly a click and see what happens user. My eyes glaze over and it gets too hard if it doesnt work the way it has before.

for the GDAL tools QGIS is "just" a GUI, we (you) must check first is this command line tools are functional outside the context of QGIS, so just open the

OSgeo4W shell and try the command: https://www.gdal.org/gdal_merge.html

#4 - 2019-01-09 10:11 AM - Matthew Willis

Again i find myself apologizing for my lack of knowledge. I use qgis to do some pretty basic mapping and it works well for what i need. I know only what i need to know to do what i need to do. Whats a OSgeo4w shell and what do I do with it. Sorry very basic user here.

#5 - 2019-01-09 10:52 AM - Jürgen Fischer

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

#6 - 2019-01-09 10:53 AM - Jürgen Fischer

- *Duplicates Bug report #20895: Raster Merge Failure added*