QGIS Application - Bug report #17846
Polygonize (raster to vector) fails

2018-01-12 11:57 AM - Andreas Neumann

Status:	Closed			
Priority:	High			
Assignee:				
Category:	Rasters			
Affected QGIS version:	master	**Regression?:**	No
Operating System:	Windows 7 (OSGeo4W)	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	fixed/implemented
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	25741

Description

When running the Menu "Raster" --> "Conversion" --> "Polygonize (raster to vector)" command, which internally uses "gdal_polygonize" the algorithm fails with the following error message:

> Processing algorithm...
> Algorithm 'Polygonize (raster to vector)' starting...
> Input parameters:
> { 'INPUT' : 'C:/temp/dtm_extract_test.tif', 'BAND' : 1, 'FIELD' : 'DN', 'EIGHT_CONNECTEDNESS' : True, 'OUTPUT' :
> 'C:/temp/test_hs.shp' }
>
> GDAL command:
> cmd.exe /C gdal_polygonize.bat C:/temp/dtm_extract_test.tif "C:/temp/test_hs.shp" -8 -b 1 -f "ESRI Shapefile" None DN
> GDAL command output:
> File "C:\Program Files\OSGEO4~1\apps\Python36\lib\site.py", line 177
> file=sys.stderr)
>   ^
> SyntaxError: invalid syntax
> Execution completed in 0.19 seconds
> Results:
> {'OUTPUT': <QgsProcessingOutputLayerDefinition {'sink':C:/temp/test_hs.shp, 'createOptions': {'fileEncoding': 'UTF-8'}}>}
>
> Loading resulting layers
> The following layers were not correctly generated.
> C:/temp/test_hs.shp
> You can check the 'Log Messages Panel' in QGIS main window to find more information about the execution of the algorithm.

See also the screenshot attached for the same error message in a screenshot.

Related issues:

Related to QGIS Application - Bug report # 17298: Processing: gdal merge pyth...	**Closed**	**2017-10-17**

History

#1 - 2018-01-12 11:59 AM - Andreas Neumann

- File dtm_extract_test.zip added

attaching sample file for raster to vector conversion (binary Geotiff)

#2 - 2018-01-12 02:12 PM - Antonio Viscomi

Also in Windows10(1709)x64 (QGIS Master build fa2aff18e5) polygonize do not works and came out with the same error log

#3 - 2018-01-15 08:14 AM - Alexander Bruy

This same issue as #17298 and probably not related to the Processing itself.

#4 - 2018-01-15 08:14 AM - Alexander Bruy

- Related to Bug report #17298: Processing: gdal merge python error on QGIS 3 added

#5 - 2019-02-05 10:38 AM - Nyall Dawson

- Resolution set to fixed/implemented

- Status changed from Open to Closed

This should be fixed in recent releases

Files

gdal_polygonize_error.png	54.3 KB	2018-01-12	Andreas Neumann
dtm_extract_test.zip	114 KB	2018-01-12	Andreas Neumann