

QGIS Application - Bug report #13174

Regression: Modeler issue with temp outputs under Windows

2015-08-02 12:39 PM - Bernd Vogelgesang

Status:	Closed	
Priority:	Severe/Regression	
Assignee:		
Category:	Processing/Modeller	
Affected QGIS version:	2.10.1	Regression?: No
Operating System:	Windows	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 21237

Description

Using the GDAL "Dissolve Polygons" in Processing and in a model in Ubuntu runs fine.

Using it under Windows under Processing works too.

Using it in a model under Windows creates some strange path problems:

```
GDAL command:
cmd.exe /C ogr2ogr.exe
C:\\Users\\BERNDV~1\\AppData\\Local\\Temp\\processing\\1a5ff9aa24844ba08fdb3350c62b46e1\\OUTPUTLAYERALGGDALOGRDISSOLVEDPOLYGONS2.shp
GRDISSOLVEPOLYGONS2.shp
:Users\\BERNDV~1\\AppData\\Local\\Temp\\processing\\b6850e80399344a2992ef795a0ae3e98\\OUTPUTLAYERALGQGIFIELDCALCULATOR4.sh OUTPUTLAYERALGQGIFIELDCALCULATOR4 -dialect sqlite -sql "SELECT ST_Union(geometry),*,
SUM(AW) AS sum_diss, MIN(AW) AS min_diss, MAX(AW) AS max_diss, AVG(AW) AS avg_diss FROM
'OUTPUTLAYERALGQGIFIELDCALCULATOR4' GROUP BY FLAECHE2" -explodecollections
GDAL command output:
FAILURE:
Unable to open datasource
:Users\\BERNDV~1\\AppData\\Local\\Temp\\processing\\b6850e80399344a2992ef795a0ae3e98\\OUTPUTLAYERALGQGIFIELDCALCULATOR4.sh' with the following drivers.
-> OCI
-> SOSI
-> ESRI Shapefile
...
```

the same algo in Processing:

```
GDAL command:
cmd.exe /C ogr2ogr.exe
C:\\Users\\BERNDV~1\\AppData\\Local\\Temp\\processing\\4b0e510c709e4e0a97402e9d7d4f4bd1\\OUTPUTLAYER.shp
C:\\Users\\BERNDV~1\\AppData\\Local\\Temp\\processing\\b6850e80399344a2992ef795a0ae3e98\\OUTPUTLAYERALGQGIFIELDCALCULATOR4.shp OUTPUTLAYERALGQGIFIELDCALCULATOR4 -dialect sqlite -sql "SELECT
ST_Union(geometry),*, SUM(AW) AS sum_diss, MIN(AW) AS min_diss, MAX(AW) AS max_diss, AVG(AW) AS avg_diss FROM
'OUTPUTLAYERALGQGIFIELDCALCULATOR4' GROUP BY FLAECHE2" -explodecollections
GDAL command output:
layernames ignored in combination with -sql
```

From the output path, the first and the last letters are missing (C:\\sh p)

Maybe this also occurs with other algos.

Win7, OSGEO4W, fresh simple install 2.10 with processing 2.10.1

p.s. horrible wysiwig editor

Associated revisions

Revision 72af56d8 - 2015-09-21 07:45 AM - Victor Olaya

[processing] quote return string when returning uri in ogrConnectionString

Fixes #13174

History

#1 - 2015-08-03 12:16 AM - Jürgen Fischer

- Assignee deleted (*Giovanni Manghi*)

#2 - 2015-08-03 07:50 AM - Giovanni Manghi

- Assignee set to *Giovanni Manghi*

#3 - 2015-08-03 08:28 AM - Giovanni Manghi

- Status changed from *Open* to *Feedback*

Just tested on both Linux and Windows (osgeo4w, qgis 2.10, Processing 2.10) and works just fine.

Can you please attach sample data? thanks.

#4 - 2015-08-04 04:33 PM - Bernd Vogelgesang

- File *Dissolve_Polygons_Bug_Example.zip* added

Hi Giovanni,

I attach a folder with the two necessary shape files and a model which works under Linux, and the other which doesn't under Windows. They might not perfectly be the same cause I had to remodel due to GRASS-differences, but critical part under Windows is the trimmed path, as far as I can see. Just retested, it's really like I posted over here.

#5 - 2015-08-04 11:59 PM - Giovanni Manghi

- Status changed from *Feedback* to *Open*

- Operating System set to *Windows*

- Assignee deleted (*Giovanni Manghi*)

- Subject changed from *Modeler: GDAL Dissolve with path problems in Windows* to *Modeler issue with temp outputs under Windows*

Bernd Vogelgesang wrote:

Hi Giovanni,

2015-04-27

2/5

I attach a folder with the two necessary shape files and a model which works under Linux, and the other which doesn't under Windows. They might not perfectly be the same cause I had to remodel due to GRASS-differences, but critical part under Windows is the trimmed path, as far as I can see. Just retested, it's really like I posted over here.

Hi Bernd,

it works for me under Windows, but only if I choose to save outputs not as temp files. If I leave the outputs spaces blank the resulting path to the Windows temp folder seems very long. So to make a counter test I choose to save manually outputs in the same folder where temp ones are created, and it fails.

Seems to me an issue with the Modeller or Processing/Core, not with the tool.

#6 - 2015-08-26 09:53 AM - Anita Graser

- Priority changed from Normal to Severe/Regression

This seems to be a regression between Processing 2.9 and 2.10 where 2.10 fails to run models because it cannot find the intermediate results it produced in a previous step. The model runs perfectly in 2.9.

Bellow you can see an example to reproduce: just chain QGIS buffer and OGR dissolve and it fails because it's looking for a file :

\\Users\\agraser\\AppData\\Local\\Temp\\processing\\7f77fa47bcec4799818d1f5ea41cc8a9\\OUTPUT.sh

(without C: and .sh instead of .shp)

Algorithm dissolve starting...

Prepare algorithm: QGISFIXEDDISTANCEBUFFER_1

Running Fixed distance buffer [1/2]

Parameters: INPUT =C:/Users/agraser/Downloads/qgis_sample_data/shapefiles/popp.shp, DISTANCE =10000, SEGMENTS =5, DISSOLVE =True

Converting outputs

OK. Execution took 67.825 ms (1 outputs).

Prepare algorithm: GDALOGRDISSOLVEPOLYGONS_1

Running Dissolve polygons [2/2]

Parameters: INPUT_LAYER =C:\\Users\\agraser\\AppData\\Local\\Temp\\processing\\7f77fa47bcec4799818d1f5ea41cc8a9\\OUTPUT.shp, GEOMETRY =geometry, FIELD =TYPE, MULTI =False, FIELDS =False, COUNT =False, AREA =False, STATS =False, STATSATT =TYPE, OPTIONS =

GDAL command:

cmd.exe /C ogr2ogr.exe

C:\\Users\\agraser\\AppData\\Local\\Temp\\processing\\a44629a1c1f34bc4bf9d26ed974f2bb6\\OUTPUTLAYERALGGDALOGRDISSOLVEPOLYGONS1.shp

YONGONS1.shp :\\Users\\agraser\\AppData\\Local\\Temp\\processing\\7f77fa47bcec4799818d1f5ea41cc8a9\\OUTPUT.sh OUTPUT -dialect sqlite

-sql "SELECT ST_Union(geometry),TYPE FROM 'OUTPUT' GROUP BY TYPE" -explodecollections

GDAL command output:

FAILURE:

Unable to open datasource `\\Users\\agraser\\AppData\\Local\\Temp\\processing\\7f77fa47bcec4799818d1f5ea41cc8a9\\OUTPUT.sh' with the following drivers.

-> ESRI Shapefile

-> MapInfo File

-> UK .INTF

-> SDTS

-> TIGER

-> S57

-> DGN

-> VRT

-> REC

- > Memory
- > BNA
- > CSV
- > NAS
- > GML
- > GPX
- > KML
- > GeoJSON
- > Interlis 1
- > Interlis 2
- > GMT
- > GPKG
- > SQLite
- > ODBC
- > WAsP
- > PGeo
- > MSSQLSpatial
- > OGDl
- > PostgreSQL
- > MySQL
- > PCIDSK
- > OpenFileGDB
- > XPlane
- > AVCBin
- > AVCE00
- > DXF
- > Geoconcept
- > GeoRSS
- > GPSTrackMaker
- > VFK
- > PGDump
- > OSM
- > GPSBabel
- > SUA
- > OpenAir
- > PDS
- > WFS
- > HTF
- > AeronavFAA
- > Geomedia
- > EDIGEO
- > GFT
- > GME
- > SVG
- > CouchDB
- > Idrisi
- > ARCGEN
- > SEGUKOOA
- > SEGy
- > XLS
- > ODS
- > XLSX
- > ElasticSearch

-> PDF
-> Walk
-> CartoDB
-> SXF
Converting outputs
OK. Execution took 0.125 ms (1 outputs).
Model processed ok. Executed 2 algorithms total
Converting outputs
Loading resulting layers

#7 - 2015-08-26 10:00 AM - Anita Graser

- *Subject changed from Modeler issue with temp outputs under Windows to Regression: Modeler issue with temp outputs under Windows*

#8 - 2015-09-20 10:55 PM - Victor Olaya

- *Status changed from Open to Closed*

Fixed in changeset commit:"72af56d8a2f7088b9501efc60fd76df89e5acbb5".

Files

Dissolve_Polygons_Bug_Example.zip	20.5 KB	2015-08-04	Bernd Vogelgesang
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