QGIS Application - Bug report #11665
gdalogr:ogr2ogr doesn't consider -a_srs option converting to GeoJSON

2014-11-17 03:19 AM - Luigi Pirelli

Status:	Closed		
Priority:	High		
Assignee:	Victor Olaya		
Category:	Processing/GDAL		
Affected QGIS version:	2.6.0	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	invalid
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	19916

Description

processing.runalg("gdalogr:ogr2ogr","F:/GIS/GISDATA/qgis_sample_data/shapefiles/alaska.shp",1,"-a_srs epsg:2964","F:/temp/pippo.geojs")

or generating a temporary file

processing.runalg("gdalogr:ogr2ogr","F:/GIS/GISDATA/qgis_sample_data/shapefiles/alaska.shp",1,"-a_srs epsg:2964",None)

generate a geoJSON with the default srs (WGS84)

but doing the direct command in the OSGeo4W shell

ogr2ogr -a_srs epsg:2964 -t "GeoJSON" F:/temp/pippo.geojs F:/GIS/GISDATA/qgis_sample_data/shapefiles/alaska.shp

generate a GeoJSON with the correct srs inside.

****
QGIS version 2.7.0-Master QGIS code revision 991f94d
Compiled against Qt 4.8.5 Running against Qt 4.8.5
Compiled against GDAL/OGR 1.11.0 Running against GDAL/OGR 1.11.1
Compiled against GEOS 3.4.2-CAPI-1.8.2 Running against GEOS 3.4.2-CAPI-1.8.2 r3921
PostgreSQL Client Version 9.2.4 SpatiaLite Version 4.1.1
QWT Version 5.2.3 PROJ.4 Version 480
QScintilla2 Version 2.7.2 This copy of QGIS writes debugging output.

History

#1 - 2014-11-17 11:48 PM - Giovanni Manghi

- Status changed from Open to Feedback

you should use t_srs.

#2 - 2014-11-18 12:31 AM - Luigi Pirelli

Giovanni Manghi wrote:

> *you should use t_srs.*

a_srs force srs instead of reproyecting as in t_srs... in my case I don't need reproyection because the converted layer has the same srs

#3 - 2014-11-18 12:36 AM - Luigi Pirelli

Giovanni Manghi wrote:

> *you should use t_srs.*

??? it doesn't work with -t_srs too... but it works using ogr2ogr command line (as also in a_srs)

#4 - 2014-11-18 12:11 PM - Giovanni Manghi

- File pippo3.geojson added

Luigi Pirelli wrote:

> *Giovanni Manghi wrote:*
>
> > *you should use t_srs.*
>
> *a_srs force srs instead of reproyecting as in t_srs... in my case I don't need reproyection because the converted layer has the same srs*

just tested with the qgis sample dataset on Linux and it works as expected on both the CLI and from processing. Attached the output from processing.

#5 - 2014-11-18 12:23 PM - Luigi Pirelli

- Resolution set to invalid

so it's a local problem

#6 - 2015-01-31 01:38 PM - Giovanni Manghi

- Status changed from Feedback to Closed

Files

pippo3.geojson	828 KB	2014-11-18	Giovanni Manghi