QGIS Application - Bug report #15716
Editing in temporary scratch layer leads to geometry corruption (unable to save as Shapefile)

2016-10-17 05:41 AM - amedeo fadini

Status:	Closed			
Priority:	High			
Assignee:				
Category:	Data Provider/OGR			
Affected QGIS version:	master_2	**Regression?:**	No	
Operating System:	Linux Debian	**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**		
Crashes QGIS or corrupts data:	Yes	**Copied to github as #:**	23639	

Description

I started just now to use a temporary scratch layer for digitizing features: in detail I need to split an existing layer of polygons in subregions, according to a raster level.

I succesfully copied the existing features in temporary layer, saving it as shapefile seems ok. After splitting one geometry in different subregion, trying to save as ESRi shapefile lead to an error

"Error: Feature write errors:

Feature geometry not imported (OGR error:)"

And opening the shapefile shows the previously splitted geometries with vertices coordinates mismatch.

Replicated with Alaska sample data "lakes.shp" Open, add, new temporary scratch layer, copy geometries from lakes, split save as ESRI Shapefile.

Corrupted layer and screenshot attached.

Qgsi code revision f124107

GDAL 1.10.1 GEOS 3.4.2-CAPI-1.8.2 r3921

Maybe GDAL is outdated?

History

#1 - 2017-01-05 03:27 AM - amedeo fadini

- Status changed from Open to Closed

Hello,

Now it works, don't know if is a gdal related problem or was fixed in new version

I have updated to Debian testing cause I was looking for GDAl 2.1 and geopackage support. Then I have compiled GDAL 2.1.2 for MDB support.

Now with Alaska data set, after splitting the geometry and save to ESRI shapefile there's no error and the resulting shapefile seems OK in QGIS.

Qgis version 2.99.0-Master code revision f59acad

Gdal/ogr 2.1.2 GEOS 3.5.1-CAPI-1.9.1 r4246

Files

temporary_edit_corruption.zip	25.9 KB	2016-10-17		amedeo fadini
temporary_edit_corruption.png	146 KB	2016-10-17		amedeo fadini