

QGIS Application - Bug report #15560

Missing Geometry in last row of some shapefile

2016-09-13 03:09 AM - - -

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Unknown	
Affected QGIS version:	2.16.2	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: up/downstream
Crashes QGIS or corrupts data:	No	Copied to github as #: 23483
Description		
<p>QGIS considers a null geometry for the last row of some shapefiles (generated by a 3rd party software, see sample in attachment), but is visible in the attribute table.</p> <p>Other programs (ArcGIS, Openwind) read the shapefile correctly, so it can be assumed that it a QGIS issue.</p>		

History

#1 - 2016-09-13 03:40 AM - Jukka Rahkonen

The error from GDAL is this:

ERROR 1: Error in fread() reading object of size 32 at offset 212 from .shp file

The issue feels similar to <https://trac.osgeo.org/gdal/ticket/4203> but that one is fixed. However, I believe that the 3rd party software makes invalid shapefiles. A workaround that probably works is to

- 1. delete the .shx file
- 2. re-create .shx with ogrinfo

ogrinfo test_layout.shp -al --config SHAPE_RESTORE_SHX true

#2 - 2016-09-13 03:41 PM - Nyall Dawson

- Resolution set to up/downstream
- Status changed from Open to Closed

Not a QGIS issue - this needs to be fixed in either GDAL's reading of the file or in the application which created the invalid shapefile.

#3 - 2017-09-22 09:55 AM - Jürgen Fischer

- Category set to Unknown

Files

test_layout.zip	1.17 KB	2016-09-13	- -
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