

# QGIS Application - Bug report #15560

## Missing Geometry in last row of some shapefile

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

|   |                                     |
|---|-------------------------------------|
| <b>Status:</b> Closed   |                                     |
| <b>Priority:</b> Normal   |                                     |
| <b>Assignee:</b>  |                                     |
| <b>Category:</b> Unknown  |                                     |
| <b>Affected QGIS version:</b> 2.16.2  | <b>Regression?:</b> No              |
| <b>Operating System:</b>  | <b>Easy fix?:</b> No                |
| <b>Pull Request or Patch supplied:</b> No   | <b>Resolution:</b> up/downstream    |
| <b>Crashes QGIS or corrupts data:</b> No  | <b>Copied to github as #:</b> 23483 |
| <b>Description</b>  |                                     |
| <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 | -- |
|-----------------|---------|------------|----|