

QGIS Application - Bug report #15185

Type 12 of attribute 0 of feature 0 unknown

2016-06-30 08:29 AM - dr -

| | | |
|---|---------|-------------------------------------|
| Status: | Closed | |
| Priority: | Normal | |
| Assignee: | | |
| Category: | Unknown | |
| Affected QGIS version: | master | Regression?: No |
| Operating System: | | Easy fix?: No |
| Pull Request or Patch supplied: | | Resolution: |
| Crashes QGIS or corrupts data: | | Copied to github as #: 23124 |
| Description | | |
| Create Shapefile with Integer field, but when trying to edit it get an error: | | |
| Type 12 of attribute 0 of feature 0 unknown. | | |
| Note about my QGIS: | | |
| Compiled against GDAL/OGR 1.11.2 | | |
| Running against GDAL/OGR 2.1.0 | | |
| Is it expected behaviour? | | |

History

#1 - 2016-06-30 11:00 AM - Alexander Bruy

Works fine in official builds and self-compiled QGIS under Linux and Windows. Looks like local issue with your GDAL version.

#2 - 2016-07-01 01:50 AM - Matthias Kuhn

- Status changed from Open to Feedback

Is this an official build?

#3 - 2016-07-01 01:56 AM - dr -

Yes QGIS is from official nightly builds (Ubuntu 14.04, QGIS code revision 972fc9f).

#4 - 2016-07-02 08:56 AM - Matthias Kuhn

And GDAL?

If this problem is reproducible with matching build and runtime gdal we should have a look at it.

If not it's either a packaging or a local issue. Build and runtime version should normally match and certainly not differ in the major version number.

Did you do anything special to install gdal? Sorry, I don't have ubuntu, so I don't know what the mismatch is caused by.

#5 - 2016-07-02 09:03 AM - dr -

Yes, I've installed GDAL 2.1 manually, not from official repo. Is it expected that any issues can be observed if build version GDAL is differ from runtime?

#6 - 2016-07-02 09:07 AM - Even Rouault

| *Is it expected that any issues can be observed if build version GDAL is differ from runtime?*

It depends. In QGIS code, there is code that is different depending on the version found at compile time. For example GDAL 1.X doesn't handle Integer64 whereas GDAL 2.X does. So if you compile against GDAL 1.X and run against GDAL 2.X, GDAL 2.X will return OFTInteger64 values that QGIS code will not expect to see (your case here).

So for safety, it is better to run against the same version that has been built.

#7 - 2016-07-02 09:28 AM - dr -

When we can get QGIS packaged against GDAL 2.X? Any plans?

#8 - 2016-07-02 01:19 PM - Jürgen Fischer

- Status changed from Feedback to Closed

dr - wrote:

| *When we can get QGIS packaged against GDAL 2.X? Any plans?*

Either build QGIS against your local GDAL or upgrade your distribution. We build against the distributions (or ubuntu's) GDAL, so our package depend on the system's GDAL.

#9 - 2016-07-02 01:21 PM - Jürgen Fischer

Jürgen Fischer wrote:

| *Either build QGIS against your local GDAL or upgrade your distribution. We build against the distributions (or ubuntu's) GDAL, so our package depend on the system's GDAL.*

IOW we already package against GDAL 2.x on most of the platforms.

#10 - 2017-09-22 09:55 AM - Jürgen Fischer

- Category set to Unknown