

## QGIS Application - Bug report #16039

### QGIS crash when loading Geomedia mdb, ogr2ogr works fine

2017-01-05 05:03 AM - amedeo fadini

<b>Status:</b> Closed	
<b>Priority:</b> High	
<b>Assignee:</b>	
<b>Category:</b> Data Provider/OGR	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b> Debian	<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> Yes	<b>Copied to github as #:</b> 23954

#### Description

I have compiled GDAL 2.1.2 following the instructions in

[\[http://www.gdal.org/drv\\_mdb.html\]](http://www.gdal.org/drv_mdb.html) to read hexagon/intergraph Geomedia .mdb layers. It works fine with ogrinfo and ogr2ogr.

Trying to open the attached file (three layers, one with one polygon) in qgis loads the sublayers and crash when update canvas. the stdout says:

```
QGIS died on signal 11[New LWP 30883]
```

(full text attached)

Runing qgis in gdb freezes before listing sublayers.

here are gdb output.

```
-----  
src/providers/ogr/qgsogrprovider.cpp: 3439: (open) [0ms] mFilePath: /home/amefad/abacospa/cona/2013_SIT_Banche dati  
Geomedia/PAT_QuadroA.mdb  
src/providers/ogr/qgsogrprovider.cpp: 3440: (open) [0ms] mLayerIndex: 0  
src/providers/ogr/qgsogrprovider.cpp: 3441: (open) [0ms] mLayerName:  
src/providers/ogr/qgsogrprovider.cpp: 3442: (open) [0ms] mSubsetString:  
ERROR 1: PGeo: MDB Tools driver not found!
```

Warning 1: Unable to install MDB driver for ODBC, MDB access may not supported.

```
ERROR 1: Unable to initialize ODBC connection to DSN for DRIVER=Microsoft Access Driver (.mdb,  
*.accdb);DBQ=/home/amefad/abacospa/cona/2013_SIT_Banche dati Geomedia/PAT_QuadroA.mdb,  
[unixODBC][Driver Manager]Can't open lib 'Microsoft Access Driver (.mdb, *.accdb)' : file not found  
src/providers/ogr/qgsogrprovider.cpp: 3486: (open) [8ms] OGR failed to opened in update mode, trying in read-only mode
```

```
Thread 1 "qgis.bin" received signal SIGSEGV, Segmentation fault.  
0x00007fff050002b4 in ?? ()
```

here's the output of ogrinfo:

```
-----  
$ ogrinfo PAT_QuadroA.mdb  
ERROR 1: PGeo: MDB Tools driver not found!
```

Warning 1: Unable to install MDB driver for ODBC, MDB access may not supported.

```
ERROR 1: Unable to initialize ODBC connection to DSN for DRIVER=Microsoft Access Driver (.mdb,
```

```
*.accdb);DBQ=PAT_QuadroA.mdb,
[unixODBC][Driver Manager]Can't open lib 'Microsoft Access Driver (.mdb, *.accdb)' : file not found
Had to open data source read-only.
INFO: Open of `PAT_QuadroA.mdb'
      using driver `MDB' successful.
1: a0102011_ConfiniComunali
2: a0102012_ConfiniComunaliL
3: a0102021_ConfinePATI
```

## History

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### #1 - 2017-01-05 06:58 AM - Giovanni Manghi

- Status changed from Open to Feedback
- Crashes QGIS or corrupts data changed from No to Yes

have you really compiled QGIS against your compiled version of gdal/ogr?

### #2 - 2017-01-12 02:33 AM - amedeo fadini

Oops... Sorry..

I wasn't aware of the needs to recompile also QGIS and never compiled QGIS before (i use nightly repository). In fact it's logic. I'll give a try and update the issue-

### #3 - 2017-01-12 05:19 AM - amedeo fadini

I compiled QGIS on my system, the version of GDAL matches with the version I have installed.

The crash still happens, but is only after the layer is loaded, when update canvas: if I unflag "canvas update" it loads the layer, assign sr, open attribute table and even copy geometry to other layers. All is ok. When the geomeidia layer is disabled map canvas update correctly, when I enable it chrashes.

### #4 - 2017-02-04 02:50 AM - Giovanni Manghi

- Priority changed from Normal to High

### #5 - 2017-03-06 10:16 AM - Giovanni Manghi

- Status changed from Feedback to Open

### #6 - 2017-03-07 07:20 AM - Giovanni Manghi

- Target version set to Version 3.0

### #7 - 2017-05-01 01:01 AM - Giovanni Manghi

- Regression? set to No
- Easy fix? set to No

### #8 - 2017-11-10 11:44 PM - Even Rouault

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

GDAL issue fixed in GDAL trunk per <https://trac.osgeo.org/gdal/changeset/40685> and GDAL 2.2 branch per <https://trac.osgeo.org/gdal/changeset/40686>

## Files

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PAT_QuadroA.mdb	484 KB	2017-01-05	amedeo fadini
qgis_stdout.txt	22.2 KB	2017-01-05	amedeo fadini