

QGIS Application - Bug report #20092

GeoPackage SQL issues in DB Manager

2018-10-12 02:28 PM - Antoine Fonoxo

Status:	Open	
Priority:	High	
Assignee:		
Category:	DB Manager	
Affected QGIS version:	3.5(master)	Regression?: Yes
Operating System:	Windows 7 64bits, Linux	Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 27914
Description		
<p>DB Manager issues with GPKG geometries on perfectly valid GeoPackage files (made by QGIS or ogr2ogr).</p> <p>The following SQL queries fail in DB Manager (but succeed in DB Browser 4 SQLite with EnableGpkgAmphibiousMode) :</p> <p>SELECT AsWKT(geom) FROM mypolygon; --> returns NULL ; should return: MULTIPOLYGON(...</p> <p>SELECT ST_Area(geom) FROM mypolygon; --> returns NULL ; should return numeric</p> <p>SELECT isvalid(geom) FROM mypolygon; --> returns -1 (which means: UNKNOWN) ; should return 0 or 1</p>		

History

#1 - 2018-10-15 11:52 AM - Antoine Fonoxo

Here is a clarification about DB Manager:

These queries fail in the "GeoPackage" section. But it works in the "Virtual Layers" section of DB Manager:

```
SELECT ST_Area(geometry) FROM mypolygon;
```

But you can't make an UPDATE or INSERT by "Virtual Layers"...

And I tested the same queries with ogrinfo (bundled with QGIS 2.18): no problem with geom functions.

#2 - 2018-10-19 12:52 PM - Alexandre Neto

- Operating System changed from Windows 7 64bits to Windows 7 64bits, Linux

I am seeing this kind of problems also on QGIS 3.2.3 on linux.

In my case the layers were imported using Save as selected tool in QGIS. When I try to get something from the geom column it always return NULL. Still, I can still load the layer and visualize the layer fine on QGIS.

#3 - 2018-11-15 12:54 PM - Alexandre Neto

- Affected QGIS version changed from 2.18.24 to 3.4.1

- Priority changed from Normal to High

#4 - 2018-11-15 03:04 PM - Alexandre Neto

- *Affected QGIS version changed from 3.4.1 to 3.5(master)*

#5 - 2018-11-15 03:04 PM - Alexandre Neto

- *Regression? changed from No to Yes*