QGIS Application - Bug report #20090
GeoPackage SQL issues in DB Manager

2018-10-12 02:23 PM - Antoine Fonoxo

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	DB Manager			
Affected QGIS version:	3.2.3	**Regression?:**	No	
Operating System:	Windows 7 64bits	**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	duplicate	
Crashes QGIS or corrupts data:		**Copied to github as #:**	27912	

Description

DB Manager issues with GPKG geometries on perfectly valid GeoPackage files (made by QGIS or ogr2ogr).
The following SQL queries fail in DB Manager
 (but succeed in DB Browser 4 SQLite with EnableGpkgAmphibiousMode) :

SELECT AsWKT(geom) FROM mypolygon;
 --> returns NULL ; should return: MULTIPOLYGON(...

SELECT ST_Area(geom) FROM mypolygon;
 --> returns NULL ; should return numeric

SELECT isvalid(geom) FROM mypolygon;
 --> returns -1 (which means: UNKNOWN) ; should return 0 or 1

Related issues:

Related to QGIS Application - Bug report # 18974: No geometry operation on ge...	**Open**	**2018-05-17**

History

#1 - 2018-10-12 04:09 PM - Giovanni Manghi

- Status changed from Open to Feedback

post the dataset plesae.

#2 - 2018-10-12 05:03 PM - Antoine Fonoxo

- File mypolygon.gpkg added

SQL queries on geometries failed on every gpkg I tested.
Here is a sample.

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

#3 - 2018-10-12 06:11 PM - Giovanni Manghi

- Related to Bug report #18974: No geometry operation on geopackages layers added

#4 - 2018-10-12 06:11 PM - Giovanni Manghi

- Resolution set to duplicate

- Status changed from Feedback to Closed

duplicate of #18974 (edited)

Files

mypolygon.gpkg	132 KB	2018-10-12	Antoine Fonoxo