

QGIS Application - Bug report #17613

Spatial SQL queries are not working (wrong, empty result) in DB Manager for GeoPackage datasources

2017-12-04 03:11 AM - Samuel Fernando Mesa Giraldo

Status:	Feedback	
Priority:	Normal	
Assignee:		
Category:	DB Manager	
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 #: 25510
Description		
New description:		
Affects both 2.18.14 and master.		
The same spatial queries are ok for Spatialite datasources.		
Also using virtual layers seems to work as expected.		
A query like:		
SELECT fid, ST_Buffer(geom,100) AS geom FROM points		
for a GPKG datasource will result in a layer (loaded using the "load as new layer" option) that has the same geometry as the source one (and is empty).		
Old description:		
I'm trying to apply some spatial SQL functions like ST_BUFFER in a point layer. The output is correct in the database manager but the representation is incorrect on the canvas.		
https://i.imgur.com/p3YO9PF.png		
The output is supposed to be a polygon layer.		
https://i.imgur.com/1h26lpo.png		

History

#1 - 2017-12-04 08:57 PM - Giovanni Manghi

- Subject changed from Error SQL spatial functions in DB Manager and GeoPakcage (QGIS v2.99) to Spatial SQL queries are not working DB Manager for GeoPackage datasources
- Crashes QGIS or corrupts data changed from Yes to No
- Operating System deleted (Arch Linux x64)
- Description updated

#2 - 2017-12-04 08:58 PM - Giovanni Manghi

Description updated. Also: if QGIS uses Spatialite >= 4.3 then "CastAutomagic" is not necessary anymore. http://www.gdal.org/drv_geopackage.html

#3 - 2017-12-04 08:59 PM - Giovanni Manghi

- Description updated
- Subject changed from *Spatial SQL queries are not working DB Manager for GeoPackage datasources* to *Spatial SQL queries are not working (wrong, empty result) in DB Manager for GeoPackage datasources*

#4 - 2019-03-09 04:28 PM - Giovanni Manghi

- Status changed from *Open* to *Feedback*

Please check if this issue is still valid on QGIS 3.4.5 or 3.6.

Files

test_points.gpkg	224 KB	2017-12-04	Samuel Fernando Mesa Giraldo
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