

QGIS Application - Bug report #15197

Error when saving edited layer from Spatialite database

2016-07-03 03:38 AM - Michal Jurewicz

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Data Provider/Spatialite	
Affected QGIS version:	master	Regression?: No
Operating System:	OS X	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: not reproducible
Crashes QGIS or corrupts data:	No	Copied to github as #: 23136
Description		
<p>I use master version QGIS 2.15 6000ff4f and there is very serious error during editing vector layers from Spatialite database. It's impossible to save changes in layers. There is error like that:</p> <p>Nie można zatwierdzić zmian dla warstwy mała architektura i oznaczenia v6</p> <p>Błędy: BŁĄD: nie dodano 1 obiektu.</p> <p>Błędy źródła danych:</p> <p>Błąd SQLite: tymczas.Geometry violates Geometry constraint [geom-type or SRID not allowed]</p> <p>SQL: INSERT INTO "mała architektura i oznaczenia v6"("geometry","rodzaj") VALUES (ST_Multi(GeomFromWKB(?, 2180)),?)</p> <p>Sorry that this is in Polish. Which is strange error occurs only sometimes, without any noticeable patterns or cause, at least for me. Which is strange in the same time I can save edited layer as SHP or CSV without any problem. I can also import this SHP to database without any errors. But it is very time consuming.</p>		

History

#1 - 2016-07-03 05:14 AM - R. R.

- File 15197.mp4 added

Hi Michal, this sounds like you are trying to save an invalid geometry (see screencast).

#2 - 2016-07-03 05:27 AM - Michal Jurewicz

I can't open your file. Please upload it one more time.

#3 - 2016-07-03 05:40 AM - R. R.

Just create a new Spatialite table (Geometry: LineString) and add crossing line features. Next, select the features and merge them. Saving the layer edits fails with a similar error like posted above.

#4 - 2016-07-03 05:53 AM - Matthias Kuhn

- Status changed from Open to Feedback

Hi Michal,

please also check the output of

```
SELECT *  
FROM geometry_columns  
WHERE f_table_name LIKE 'mala architektura i oznaczenia v6';
```

#5 - 2016-07-03 06:18 AM - Michal Jurewicz

OK, I understand. However, In my case I just add new point feature to points layer (with standard tool from QGIS). Nothing more, and this error suddenly occurs.

#6 - 2016-07-03 06:27 AM - Michal Jurewicz

Here is screencast with corrupted layer: <http://quick.as/56Alh1mYe>

I tried to add new point and save, without success. After deleting added points I saved with success.

#7 - 2016-07-03 07:21 AM - Giovanni Manghi

- Category set to Data Provider/Spatialite
- Priority changed from High to Normal
- Crashes QGIS or corrupts data changed from Yes to No

Could you please attach sample data? Thanks!

ps

it seems to me there is no data corruption, the original data is not lost or changed in any form, the issue is just about saving new data.

#8 - 2017-01-03 06:41 AM - Giovanni Manghi

Reinhard Reiterer wrote:

Just create a new Spatialite table (Geometry: LineString) and add crossing line features. Next, select the features and merge them. Saving the layer edits fails with a similar error like posted above.

if the layer is declared as "lines" (and not "multilines") then is normal that trying create a multigeometry will fail.

#9 - 2017-01-03 06:46 AM - Giovanni Manghi

- Resolution set to not reproducible
- Status changed from Feedback to Closed

Giovanni Manghi wrote:

Could you please attach sample data? Thanks!

cannot replicate with data of my own on 2.18.2. Please reopen if necessary.

Files

15197.mp4	777 KB	2016-07-03	R. R.
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