QGIS Application - Bug report #13329
Error when trying to save to Sqlite a csv file with 1000 fields

2015-09-08 01:38 AM - baditaflorin -

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Data Provider/OGR			
Affected QGIS version:	2.8.3	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:	No	**Resolution:**		
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	21383	

Description

Got another error when trying to save as SHP (256 columns limit)

when trying to save as a SQlite got the errors attached in the bug report
Export to vector file failed.
Error: Feature write errors:
Feature creation error (OGR error: In CreateFeature(): sqlite3_prepare(INSERT INTO 'amenity_report_database' ("country2","(multiple

History

#1 - 2015-09-09 06:43 AM - Saber Razmjooei

- Category set to Data Provider/OGR

Can you try and convert it from Osgeo4W shell using ogr2ogr?

#2 - 2015-09-09 06:52 AM - Saber Razmjooei

- Status changed from Open to Feedback

#3 - 2015-09-09 01:06 PM - Jukka Rahkonen

The limit you hit is the SQLite limit "Maximum Number Of Host Parameters In A Single SQL Statement" which default to 999
http://www.sqlite.org/limits.html#max_variable_number

I believe it could be solved with some SQLite database settings. The next limit would be the maximum number of columns which defaults to 2000. About by-passing that limit from the same document:

"The default setting for SQLITE_MAX_COLUMN is 2000. You can change it at compile time to values as large as 32767. On the other hand, many experienced database designers will argue that a well-normalized database will never need more than 100 columns in a table."

#4 - 2015-09-09 01:44 PM - baditaflorin -

- Status changed from Feedback to Closed

I know that a normal database should look like that, but what i try to do it`s not a normal database setup.

I am not sure how to use ogr2ogr

I will try to generate the query from postgis in such a way that i will limit the excess columns. (i am generating a list with all the POI that exists in OpenStreetMap, for all of the world)

I will make a count filter so that i will get to have only the TOP 200 values, by number of POI

Thanks for the quick answer

#5 - 2015-09-10 04:02 AM - Jukka Rahkonen

I think you should consider to put just POI geometries and IDs into the main table and tags into another table joined with a foreign key. I know QGIS is made for a flat schema but it does have support for relations as well. Unfortunately I have never played with them yet.

Files

bug_report_QGIS.txt	3.2 MB	2015-09-07	baditaflorin -