

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 -

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