QGIS Application - Bug report #11037
DbManager allows users to input missing column names for row id and geometry

2014-08-11 12:59 PM - Loïc BARTOLETTI

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	DB Manager			
Affected QGIS version:	2.4.0	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:	No	**Resolution:**		
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	19376	

Description

Atlas crash when using a spatialite VIEW in coverage layer (tested on Window 64 and FreeBSD).
Works fine with PostGis View.

Associated revisions

Revision 1a5db863 - 2014-08-13 03:30 AM - Nyall Dawson

[composer] Prevent atlas crash when layer has bad features (refs #11037)

Revision 2a57b170 - 2015-10-22 07:23 PM - Giuseppe Sucameli

DBManager: avoid loading a query as layer with missing fields (fix #11037),
restore combo style and label when multiple unique fields for view are not supported (follow 8e45da9d7e)

History

#1 - 2014-08-11 05:37 PM - Nyall Dawson
- *Status changed from Open to Feedback*

Do you have a spatialite data file which demonstrates this that I can test with?

#2 - 2014-08-12 12:05 AM - Loïc BARTOLETTI
- *File QGis_test_atlas.zip added*
- *File test_atlas_add_view.png added*

Here a project with spatialite data.

test_atlas is a layer
atlas is a view created like this:

```
CREATE VIEW "atlas" AS
SELECT "ROWID", "info", ST_Union("geom") as "geom"
FROM "test_atlas"
GROUP BY "info"
```

and added with DB Manager (see PNG image)

#3 - 2014-08-12 05:02 AM - Nyall Dawson

I get an error trying to open that zip. Can you please re-upload?

#4 - 2014-08-12 07:50 AM - Loïc BARTOLETTI

- File QGis_test_atlas.zip added

I forget to say that works when I create a table like this:

```
CREATE TABLE "union_atlas" AS
SELECT "ROWID" as "ROWID" , "info"  as "info", ST_Union("geom") AS "geom"
FROM "test_atlas"
GROUP BY "info";
```

#5 - 2014-08-12 06:34 PM - Nyall Dawson

*- Subject changed from Composer/Atlas crash when using spatialite VIEW in coverage layer to DbManager allows users to input missing column names
for row id and geometry*

- Category changed from Map Composer/Printing to DB Manager

- Status changed from Feedback to In Progress

Ok - I've fixed the crash (because crashing is bad!), but the real problem is in your query/db manager. In your screenshot you have entered "ROWID" as
the unique values column, but this column does not exist in your query. This causes the layer to load in a broken state -- some things work, but the
behaviour is undefined (for instance, try opening the attribute table on this layer).

I'm reassigning this bug to db manager plugin as you should not be allowed to input an invalid column name as the unique column or geometry column.

#6 - 2015-03-05 02:46 AM - Sandro Santilli

- Crashes QGIS or corrupts data changed from Yes to No

does not cause crash or corruption anymore... is it really in progress ?

#7 - 2015-10-22 10:31 AM - Giuseppe Sucameli

- Status changed from In Progress to Closed

Fixed in changeset commit:"2a57b170685a45cb939457933b1474ac02d78ee5".

Files

QGis_test_atlas.zip	194 KB	2014-08-11	Loïc BARTOLETTI

test_atlas_add_view.png	18 KB	2014-08-11	Loïc BARTOLETTI
QGis_test_atlas.zip	312 KB	2014-08-12	Loïc BARTOLETTI