QGIS Application - Bug report #8099
Spatialite errors not meaningful

2013-06-18 03:03 AM - Matthias Kuhn

Status:	Closed		
Priority:	Normal		
Assignee:	Giuseppe Sucameli		
Category:	Data Provider/SpatiaLite		
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 #:**	16935

Description

When trying to connect to a spatialite db with missing columns in the tables "geometry_columns" or "spatial_ref_sys" the error message is not verbose.

With QGIS 1.8 the error indicated, that the column e.g. "type" is missing.
Current master fails only with an "Unexpected error"

A verbose message saying which columns are missing on which tables would be very helpful.

Concerns: qgsspatialiteconnection.cpp => checkHasMetadataTables

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Associated revisions

Revision ef838c79 - 2013-06-22 11:32 AM - Jürgen Fischer

fix #8099: useful error message on table_info

History

#1 - 2013-06-22 02:32 AM - Jürgen Fischer

- Subject changed from Spatialite errors not meaninful to Spatialite errors not meaningful

#2 - 2013-06-22 02:33 AM - Jürgen Fischer

- Status changed from Open to Closed

Fixed in changeset commit:"ef838c799f2a7e01b2057adc04c29d4bb484c2b7".

#3 - 2013-06-22 02:42 AM - Matthias Kuhn

- Status changed from Closed to Reopened

This patch does not solve the problem on a database with existing tables, but missing columns.

ogr2ogr produced such a database here:

    sqlite> PRAGMA table_info(geometry_columns);
    0|f_table_name|VARCHAR|0||0
    1|f_geometry_column|VARCHAR|0||0

2|geometry_type|INTEGER|0||0

3|coord_dimension|INTEGER|0||0

4|srid|INTEGER|0||0

5|geometry_format|VARCHAR|0||0

sqlite> PRAGMA table_info(spatial_ref_sys);

0|srid|INTEGER|0||0

1|auth_name|TEXT|0||0

2|auth_srid|TEXT|0||0

3|srtext|TEXT|0||0

This also makes me wonder if the columns being checked here are really all needed?

#4 - 2013-10-01 07:12 AM - Jürgen Fischer

- Status changed from Reopened to Closed

Fixed in changeset commit:"ef838c799f2a7e01b2057adc04c29d4bb484c2b7".