

QGIS Application - Bug report #10066

layer from query - data type is not recognized when using operand in query

2014-04-14 01:34 PM - Josef Källgård

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	DB Manager	
Affected QGIS version:	2.2.0	Regression?: No
Operating System:	Ubuntu	Easy fix?: No
Pull Request or Patch applied:	No	Resolution: up/downstream
Crashes QGIS or corrupts data:	No	Copied to github as #: 18542
Description		
<p>1. connect to the attached db</p> <p>2. query in db manager:</p> <pre>select pkuid, text_col, int_col, 2 * int_col as twice_int, cast((2 * int_col) as real) as cast_twice_int, real_col, 2 * real_col as twice_real, cast((2 * real_col) as real) as cast_twice_real, geometry from pointlyr01</pre> <p>3. add result from query as a layer in qgis</p> <p>result: fields twice_int, cast_twice_int, twice_real, cast_twice_real are interpreted as text</p> <p>expected result: these particular fields should be interpreted as double</p> <p>If creating a table (see tab_fr_db_manager) by the exact same query and then adding the table to qgis, then the data types are double as expected for all relevant fields:</p> <pre>create table tab_fr_db_manager as select pkuid, text_col, int_col, 2 * int_col as twice_int, cast((2 * int_col) as real) as cast_twice_int, real_col, 2 * real_col as twice_real, cast((2 * real_col) as real) as cast_twice_real, geometry from pointlyr01; SELECT RecoverGeometryColumn('tab_fr_db_manager', 'geometry', 4326, 'POINT', 'XY');</pre>		

History

#1 - 2014-10-28 05:53 PM - Jürgen Fischer

- Resolution set to up/downstream

- Status changed from Open to Closed

Apparently [SQLite uses dynamic run-time typing](#) and doesn't offer a way to retrieve the type of a column based on the query definition, but only on the individual values.

Files

splite_fr_qgis.sqlite.zip	312 KB	2014-04-14	Josef Källgård
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