QGIS Application - Bug report #21963
graphical identify and select feature do not work on Postgis-sql layer

2019-04-30 02:15 PM - Sebastian Brocks

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Data Provider/PostGIS		
Affected QGIS version:	3.6.2	**Regression?:**	No
Operating System:	windows 7	**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	invalid
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	29778

Description

I have a SQL-defined postgis layer defined by this statement:

((((SELECT row_number() over () AS *uid*,* FROM (SELECT generate_series(0, laenge_asb,100) AS station, st_astext(
  ST_LineInterpolatePoint(
    geometrie,
    generate_series(0, laenge_asb,100):: double precision /(laenge_asb)
)
) FROM "erhaltung"."abschnitt") AS *subq_1*))))

abschnitt is a table in my postgis database with a LineStringZM geometry of SRID 4326 stored in the geometrie column that has an integer laenge_asb column

When I try to identify or select features in it by using the identify or select tool, the PostGIS log tab contains this error and no feature is identified or selected:

2019-04-30T14:09:40   WARNING   Fetching from cursor qgis_144 failed
        Database error: ERROR: Operation on mixed SRID geometries

2019-04-30T14:09:40   WARNING   Query: CLOSE qgis_144 returned 7 [ERROR: current transaction is aborted, commands ignored until end of transaction block
        ]
2019-04-30T14:09:40   WARNING   1 cursor states lost.
        SQL: CLOSE qgis_144
        Result: 7 (ERROR: current transaction is aborted, commands ignored until end of transaction block
)

History

#1 - 2019-04-30 03:24 PM - Sebastian Brocks

This looks like the issue in issue #4470

#2 - 2019-04-30 03:34 PM - Jürgen Fischer

- Status changed from Open to Feedback

Why are you using st_astext?

#3 - 2019-04-30 03:53 PM - Sebastian Brocks

No particular reason, I'm a relative newbie with regard to postgis and QGIS. Changing to st_aswekt makes identify and select work correctly.

#4 - 2019-04-30 04:40 PM - Jürgen Fischer

- Resolution set to invalid

- Status changed from Feedback to Closed

Sebastian Brocks wrote:

> *No particular reason, I'm a relative newbie with regard to postgis and QGIS. Changing to st_aswekt makes identify and select work correctly.*

you shouldn't need either st_astext or st_ewkt - the geometry ST_LineInterpolatePoint produces should work as it, but `st_astext` will essentially just remove the SRID and in turn cause the error.