

QGIS Application - Bug report #21732

Items from table do not load properly

2019-04-02 11:00 AM - Zannis Kostalas

Status:	Feedback	
Priority:	Normal	
Assignee:		
Category:	Data Provider/MSSQL	
Affected QGIS version:	3.4.2	Regression?: No
Operating System:	Windows 10	Easy fix?: No
Pull Request or Patch applied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 29547
Description		
<p>I have a table with geography (SRID 4326) line items. While the majority of them show properly some of them do not show at all. Note that these lines straddle the anti-meridian but this normally does not cause any other issues than the resulting cross-globe lines.</p> <p>If I try to load the table directly from the db with just the "use estimated parameters" selected in connection options and try to apply a simple filter "id IN (xxx,xxx,xxx,xxx,xxx,xxx) the "test query" function returns 0 rows. If I select to load the layer nonetheless, there is nothing in the map but the attribute table is populated with the rest of the fields</p> <p>If I also select "skip invalid geometry handling", the test query returns 6 rows which is what I would expect, but still nothing shows in the map.</p> <p>Casting geography to WKT using .STAsText() and extracting data in a csv results in the layer loading properly.</p> <p>I am attaching a csv with the following fields:</p> <p>id: Primary Key, unique non null smallint PATH: geography, binary from MSSQL 16 wkt_geography: result of PATH.STAsText() path_geom: casting PATH to geometry using geometry::STGeomFromWKB([PATH].STAsBinary(), 4326) wkt_geometry: casting the above to text validity_check: applying .STIsValid() to PATH validity_check_geom: applying .STIsValid() to PATH after casting to geometry</p> <p>in the hopes that some conclusion can be drawn as to why this happens.</p>		

History

#1 - 2019-04-02 12:54 PM - Giovanni Manghi

- Status changed from Open to Feedback

Does the same happens also with PostGIS?

Files

lines_checks.csv	64.7 KB	2019-04-02	Zannis Kostalas
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