

QGIS Application - Bug report #13643

After adding Postgis view I can't see records in attribute table

2015-10-20 07:18 PM - Piotr Kania

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Data Provider/PostGIS	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution: invalid
Crashes QGIS or corrupts data:		Copied to github as #: 21679
Description		
Hi! win7sp1x64, qgis-dev rev. 4cdf05f, in postgis I have multipolygon layer 'o_podst' (public, gid, geom), I create sequence '_vert_opodst_ogc_fid_seq' and view '_vertices_o_podst_' (all vertices of polygon layer 'o_podst': <pre>CREATE SEQUENCE vert_opodst_ogc_fid_seq; CREATE VIEW "public"."_vertices_o_podst" AS SELECT nextval('_vert_opodst_ogc_fid_seq')AS "ogc_fid", (ST_DumpPoints(geom)).geom::geometry(Geometry, 2180) FROM public.o_podst;</pre> In that way I have in my view field that I show as feature id's source- here that's "ogc_fid". In pgadmin everything is ok, I can add that view in openjump etc. But in Qgis after adding that view to project attribute table has no records and log messages panel for postgis shows such info: <pre>2015-10-21T04:11:46 1 Fetching from cursor qgis_1 failed Database error: ERROR: can not perform nextval() inside read-only transaction</pre> <pre>2015-10-21T04:11:46 1 Query: CLOSE qgis_1 returned 7 [ERROR: current transaction was canceled, requests ignored to the end of transaction's block]</pre> <pre>2015-10-21T04:11:46 1 1 cursor states lost. SQL: CLOSE qgis_1 Result: 7 (BŁĄD: bieżąca transakcja została przerwana, polecenia ignorowane do końca bloku transakcji)]</pre> <pre>2015-10-21T04:07:06 1 1 cursor states lost. SQL: CLOSE qgis_34 Result: 7 (ERROR: current transaction was canceled, requests ignored to the end of transaction's block</pre> (In my language - polish, it looks like: <pre>]</pre> <pre>2015-10-21T04:11:46 1 Fetching from cursor qgis_1 failed Database error: BŁĄD: nie można wykonać nextval() wewnątrz transakcji tylko do odczytu</pre> <pre>2015-10-21T04:11:46 1 Query: CLOSE qgis_1 returned 7 [BŁĄD: bieżąca transakcja została przerwana, polecenia ignorowane do końca bloku transakcji]</pre> <pre>2015-10-21T04:11:46 1 1 cursor states lost. SQL: CLOSE qgis_1</pre>		

Result: 7 (BŁĄD: bieżąca transakcja została przerwana, polecenia ignorowane do końca bloku transakcji
)

I can add another views, but in that case I didn't need to create sequences.

History

#1 - 2015-10-22 09:26 AM - Sebastian Dietrich

I am not sure this is really a bug. QGIS uses a read only connection to read data and as *nextval()* modifies data, it can not be used.

Please note: QGIS now allows views (and queries) to have composite keys. Maybe using this feature you can find a primary key without using *nextval()*. And as always there is the *row_number()* alternative. But it slows your layer down because it prevents efficient filtering and should only be used as a last resort.

#2 - 2015-11-07 02:31 AM - Giovanni Manghi

- *Category set to Data Provider/PostGIS*

#3 - 2015-11-07 02:41 AM - Jürgen Fischer

- *Status changed from Open to Feedback*

I'd say this is the intended behaviour. The queries are run readonly where *nextval* doesn't work. Why not use *row_number()*?

#4 - 2015-12-20 09:00 AM - Giovanni Manghi

- *Resolution set to invalid*

- *Status changed from Feedback to Closed*

closing for lack of feedback, reopen if necessary.