

QGIS Application - Bug report #20397

QGIS 3.4 Incorrect handling of Postgres serial columns

2018-11-07 04:55 PM - Scott Werkema

Status:	Closed		
Priority:	High		
Assignee:			
Category:	Data Provider/PostGIS		
Affected QGIS version:	3.4.0	Regression?:	Yes
Operating System:		Easy fix?:	No
Pull Request or Patch supplied:		Resolution:	
Crashes QGIS or corrupts data:		Copied to github as #:	28217
Description			
Starting with QGIS 3.4, I am unable to digitize multiple features between saves for PostGIS layers with a serial column that has a unique constraint. It appears the serial column's default text is triggering QGIS unique constraint enforcement.			
Note: In the attached screenshot, `structure_id` is the primary key column.			
Related issues:			
Related to QGIS Application - Bug report # 20431: no possibility to confirm i...		Closed	2018-11-09

Associated revisions

Revision 32b7d7e5 - 2018-11-19 04:54 PM - David Signer

check uniqueCheck before overwrite defaultValueClause

and some tests for it

this fixes #20397 and fixes #20431

Revision 76667eee - 2018-11-20 11:57 AM - David Signer

check uniqueCheck before overwrite defaultValueClause

and some tests for it

this fixes #20397 and fixes #20431

(cherry-picked from 32b7d7e5ddeef7a66592267819e234085c44a7bc)

History

#1 - 2018-11-07 04:56 PM - Giovanni Manghi

- Priority changed from Normal to High

- Operating System deleted (macOS 10.14.1)

#2 - 2018-11-16 10:19 AM - Burghardt Scholle

I can confirm your description with QGIS DEV code revision 7cce9b3eb9. After digitizing a new feature I have to save first before I can continue with the next feature. Otherwise I get the same error message in the PostGIS-Tab of the log:

2018-11-16T09:53:49 WARNING Query: DECLARE qgis_1774 BINARY CURSOR FOR SELECT
"gid","datum":text,"bearbeiter":text,"veranstaltung":text,"beschriftung":text,"name":text,"flaechentyp":text,"farbe":text,"schraff_width":text,"schraff_width_prt":text

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_prt":text,"schraff_size":text,"schraff_size_prt":text,"schraff_winkel":text,"umrissfarbe":text,"umrisstyp":text,"umrissstaerke":text,"umrissstaerke_prt":text,"umfang":text,"umfang":text,"flaeche":text,"bemerkung":text,"last_change":text FROM "geofachdaten"."gis_digi_a_geo" WHERE ("gid" = 'nextval("gis_digi_a_geo_gid_seq"::regclass)') LIMIT 1 returned 7 [ERROR: invalid input syntax for integer: »nextval('gis_digi_a_geo_gid_seq'::regclass)«  
LINE 1: ...OM "geofachdaten"."gis_digi_a_geo" WHERE ("gid" = 'nextval('...
```

This significantly impairs the workflow during digitization.

#3 - 2018-11-16 11:21 AM - Harrissou Santanna

What happens if "evaluate default values on provider side" is checked in the project settings, as suggested in #20431?

#4 - 2018-11-16 01:33 PM - Jan Lippmann

see also here #20431

when you hide the serial field in the form you can add more than one feature without save each feature

BUT then you can run into this issue: #20433

#5 - 2018-11-17 06:35 PM - Harrissou Santanna

- *Related to Bug report #20431: no possibility to confirm in the attribut form while add more than one feature (postgres) added*

#6 - 2018-11-17 09:56 PM - Alessandro Pasotti

Most likely broken by <https://github.com/qgis/QGIS/commit/963fdd5a7e2f29c0e282869681f107ab9f78c9aa#diff-ad7e488f21bc920cdf5407f3b17f5c42>

#7 - 2018-11-20 11:15 AM - David Signer

- % Done changed from 0 to 100
- Status changed from Open to Closed

Applied in changeset commit:qgis|32b7d7e5ddeef7a66592267819e234085c44a7bc.

Files

Screen Shot 2018-11-07 at 09.27.29.png	63.1 KB	2018-11-07	Scott Werkema
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