

QGIS Application - Bug report #1713

PostgreSQL error message is odd: only last error is shown (others not shown)

2009-05-22 05:56 PM - Mike Taves

Status:	Closed	
Priority:	Low	
Assignee:	nobody -	
Category:	Data Provider	
Affected QGIS version:		Regression?: No
Operating System:	Windows	Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed
Crashes QGIS or corrupts data:		Copied to github as #: 11773
Description		
<p>I'm going to describe this bug by example. Reply if you need more info to reproduce this behaviour.</p> <p>I have a [[PostgreSQL]] database where I explicitly declare permissions on schema, table, etc. Normally, if I add a new table with a serial primary key and forget to set permissions for the sequence for certain roles, an error is normally returned. I see this error in, for example, an ODBC connection to MS Access or in pgAdmin logged in under the restricted role:</p> <p>ERROR: permission denied for sequence foo_gid_seq</p> <p>In QGIS (1.0.2 stable and 1.2.0 unstable), the behaviour is different. After drawing a new geometry and editing attributes and saving edits, the error message is instead:</p> <p>ERROR: invalid input syntax for integer: ""</p> <p>This problem took me a while to debug in QGIS, since it wasn't particularly useful. Inspecting the pgsqlog logs on the server, I see:</p> <pre>2009-05-22 17:25:29 PDT ERROR: permission denied for sequence foo_gid_seq 2009-05-22 17:25:29 PDT STATEMENT: select nextval('foo_gid_seq'::regclass) 2009-05-22 17:25:29 PDT ERROR: invalid input syntax for integer: "" 2009-05-22 17:25:29 PDT STATEMENT: INSERT INTO "public"."foo"("geometry","gid","name") VALUES (GeomFromWKB(\$1::bytea,26910),\$2,'Vancouver')</pre> <p>It appears that QGIS skips reporting the first error message, and only reports the second error message. (I'm also unsure why the transaction continues after the first error, but I don't really know the internals of how transactions work in QGIS with PG .. is "select nextval('foo_gid_seq'::regclass)" run separately from the second command, or is it internal to the PG database?).</p> <p>My [[PostGIS]] server is installed on Ubuntu Hardy (all via apt-get) with postgis_full_version() info: POSTGIS="1.3.3" GEOS="2.2.3-CAPI-1.1.1" PROJ="Rel. 4.6.0, 21 Dec 2007" USE_STATS</p>		

Associated revisions

Revision 3f60d725 - 2009-05-30 07:48 PM - Jürgen Fischer

- allow setting of field width and precision when adding attributes

- update vector data providers accordingly
- postgres provider:
 - add support for more native types and setting of column comments
 - catch errors on retrieval of defaults values (fixes #1713)

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@10863> c8812cc2-4d05-0410-92ff-de0c093fc19c

Revision 3e01e6d3 - 2009-05-30 07:48 PM - Jürgen Fischer

- allow setting of field width and precision when adding attributes
- update vector data providers accordingly
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History

#1 - 2009-05-30 10:50 AM - Jürgen Fischer

- *Resolution set to fixed*
- *Status changed from Open to Closed*

fixed in commit:3e01e6d3 (SVN r10864)