QGIS Application - Bug report #11777
PostGIS: 0 is wrote instead of "null"

2014-12-02 12:06 AM - Seb Radzimski

Status:	Closed		
Priority:	Severe/Regression		
Assignee:			
Category:	Attribute table		
Affected QGIS version:	2.6.1	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	
Crashes QGIS or corrupts data:		**Copied to github as #:**	20005

Description

Hi.
While working with QGIS 2.6 and Postgres/Postgis 9.3/2.1 on Ubuntu (or 9.1/1.5 on Windows) I found a bug.
I have to explain that on a simple table like:

CREATE TABLE test (gid serial NOT NULL, "int" integer, "real" real, "double" double precision, "text" text, the_geom geometry, CONSTRAINT test_pkey PRIMARY KEY (gid))

When I add first object (in QGIS) without any data (every attribute is null, except of gid) and I save it, all of them will be null in database. So far so good!
If I add a second object (without any data) and third one (with int=1, real=2 double=3) and save it, attributes of previus object (second one) will be 0 instead of null. If you would check attributes of second object before saving into database, QGIS show them as null. But while saving QGIS sends 0 instead of null to the database attributes of second object. It happens every time when attribute (integer, real, double) has been changed.
I belive I don't have to explain how big is the difference between 0 and null value ;) Because of that error it is impossible to use constraints in database to keep data in right order.
I have check that sytuation on QGIS 2.0/2.2 and there was no problem. It starts in 2.4...

Associated revisions

Revision 03713ce6 - 2015-01-16 10:13 PM - Jürgen Fischer

postgres provider: fix adding features with null values (fixes #11777)

History

#1 - 2014-12-02 12:26 PM - Giovanni Manghi

- Affected QGIS version changed from 2.6.0 to 2.6.1

- OS version deleted (7,8 / 12.04)

- Operating System deleted (Windows/Ubuntu)

- Priority changed from Normal to Severe/Regression

- Subject changed from 0 instead of null to PostGIS: 0 is wrote instead of "null"

confirmed here as a regression.

#2 - 2015-01-16 01:13 PM - Jürgen Fischer

- Status changed from Open to Closed

Fixed in changeset commit:"03713ce65668bfb7e7ce4bcde06a26746ab1b352".