

QGIS Application - Bug report #13159

wrong display of negative number values from a postGIS db

2015-07-27 08:07 AM - c m

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: end of life
Crashes QGIS or corrupts data:	Copied to github as #: 21222
Description	
<p>since QGIS v2.x, if you open a postGIS table (with a geometry column) containing some other (integer) attribute field when you click on table display showing all values from all fields in a table view, the negative values (<0) coming from a numeric field inside postgis are not displayed (error or a wronld large number instead of the real negative value. In the same data field, positive values are displayed correctly</p>	

History

#1 - 2015-07-30 02:11 PM - Giovanni Manghi

- Status changed from Open to Feedback

Hi,

it is not clear to me, the problem affects values in "integer" or "numeric" fields?

could you please a sample (a table dump would be ok), thanks.

#2 - 2015-07-31 04:26 AM - c m

Sorry for the unclear description.

I just check the real case scenario and the postgresql field (containing negative and positive values) is of type "bigint"

#3 - 2015-07-31 04:33 AM - c m

- File *snapshot_qgis20_table_view.png* added

It's the same with field of type "integer" : negative values are shown as "ERROR" in the QGIS table's view

#4 - 2015-07-31 04:36 AM - c m

nb : there's a (unique, btree) index on the field that causes the issue

I don't know if it has any relation with the current issue. I didn't try to reproduce the issue when removing the index. I'll do it asap.

#5 - 2015-07-31 06:24 AM - Giovanni Manghi

c m wrote:

*nb : there's a (unique, btree) index on the field that causes the issue
I don't know if it has any relation with the current issue. I didn't try to reproduce the issue when removing the index. I'll do it asap.*

Hi thanks for the report. Could you add a dump of the problematic table? thanks.

#6 - 2015-08-03 07:00 AM - c m

Here's a script that you could use to reproduce the issue :

```
DROP TABLE IF EXISTS public.to_delete cascade;

CREATE TABLE public.to_delete
(
  id integer NOT NULL,
  the_geom geometry,
  CONSTRAINT id_idx_primkey PRIMARY KEY (id),
  CONSTRAINT id_idx_unique UNIQUE (id),
  CONSTRAINT enforce_dims_the_geom CHECK (st_ndims(the_geom) = 2),
  CONSTRAINT enforce_geotype_the_geom CHECK (geometrytype(the_geom) = 'LINESTRING'::text OR the_geom IS NULL),
  CONSTRAINT enforce_srid_the_geom CHECK (st_srid(the_geom) = 4326)
);

SELECT Populate_Geometry_Columns('public.to_delete'::regclass);

insert into public.to_delete values (1, ST_GeomFromText('LINESTRING(-71.160281 42.258729,-71.160837 42.259113,-71.161144 42.25932)',
4326));
insert into public.to_delete values (-1, ST_GeomFromText('LINESTRING(-71.161144 42.25932,-71.160837 42.259113,-71.160281 42.258729)',
4326));
```

Then connect a QGIS v2.x to view this table
open the table's view and you'll see an "ERROR" value for field "id" in line 2

#7 - 2015-08-03 07:53 AM - Giovanni Manghi

- Category changed from Attribute table to Data Provider/PostGIS
- Affected QGIS version changed from 2.0.1 to master
- Status changed from Feedback to Open

Confirmed.

#8 - 2015-08-31 03:33 AM - Giovanni Manghi

replicate is easy: import with osm2pgsql a osm dataset, the "osm_id" field (int8) will show this wrong behavior.

#9 - 2017-05-01 01:07 AM - Giovanni Manghi

- Regression? set to No
- Easy fix? set to No

#10 - 2019-03-09 04:09 PM - Giovanni Manghi

- Resolution set to end of life
- Status changed from Open to Closed

End of life notice: QGIS 2.18 LTR

Source:

<http://blog.qgis.org/2019/03/09/end-of-life-notice-qgis-2-18-ltr/>

Files

snapshot_qgis20_table_view.png	2.74 KB	2015-07-31	c m
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