

QGIS Application - Bug report #7889

Feature type or srid for ... could not be determined or was not requested.

2013-05-23 02:12 PM - Sandro Santilli

Status: Closed	
Priority: Severe/Regression	
Assignee:	
Category: Data Provider/PostGIS	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 16762
Description	
I can't load PostGIS columns of type "geometry" because QGIS mandates to specify a SRID, and if I fake one it complains about "could not be determined or was not requested". A column of type "geometry" has a SRID of 0. This is being a problem with commit:83445af	

Associated revisions

Revision 925d3179 - 2013-05-25 06:58 PM - Jürgen Fischer

postgres provider fixes:

- allow selection of rows with srid 0 (fixes #7889)
- fix geometry type assignment of geometry less tables
- filter out geometry columns with srids < 0 in browser

Revision 10a91b7f - 2013-05-26 09:58 AM - Jürgen Fischer

postgres provider: use INT_MIN for unknown srid (fixes #7889)

History

#1 - 2013-05-24 03:07 AM - Giovanni Manghi

- Status changed from Open to Feedback

Sandro is this a regression since 1.8 or previous master revisions?

#2 - 2013-05-24 03:31 AM - Sandro Santilli

I'm not building very often (scared by instability), but it's likely not older than one month, as a regression.

PS: I can only see Feedback and Closed as ticket statuses

#3 - 2013-05-24 03:36 AM - Giovanni Manghi

- Priority changed from Normal to Severe/Regression
- Target version set to Version 2.0.0

Sandro Santilli wrote:

| *I'm not building very often (scared by instability), but it's likely not older than one month, as a regression.*

but still a regression, right? if not please lower the priority.

| *PS: I can only see Feedback and Closed as ticket statuses*

Let me see if I can do something in redmine administration.

#4 - 2013-05-24 09:52 AM - Sandro Santilli

Still happening. Seems to only happen with tables with geometries having a SRID=0 (ie: unkown srid).
Is this a documented new requirement ?

#5 - 2013-05-24 09:59 AM - Sandro Santilli

And yes, it is a regression. I used to be able to use geometries with NO srid just fine. I didn't even have to manually enter one (but this is a separate topic, maybe)

#6 - 2013-05-25 08:53 AM - Giovanni Manghi

Sandro Santilli wrote:

| *And yes, it is a regression. I used to be able to use geometries with NO srid just fine. I didn't even have to manually enter one (but this is a separate topic, maybe)*

fixed by commit:f990886?

#7 - 2013-05-25 09:31 AM - Sandro Santilli

"almost". The error message isn't shown anymore now, BUT I just cannot select the table with SRID=0.

Here's a screenshot: http://strk.keybit.net/tmp/cannot_select_geom.png

Clicking on the line the cursor is on (identified has containing Point with SRID 0) does not highlight it, so you can't click on "Add"

#8 - 2013-05-25 09:36 AM - Giovanni Manghi

Sandro Santilli wrote:

| *"almost". The error message isn't shown anymore now, BUT I just cannot select the table with SRID=0.
Here's a screenshot: http://strk.keybit.net/tmp/cannot_select_geom.png
Clicking on the line the cursor is on (identified has containing Point with SRID 0) does not highlight it, so you can't click on "Add"*

better add this comment also in the commit page

#9 - 2013-05-25 10:01 AM - Jürgen Fischer

- *Status changed from Feedback to Closed*

Fixed in changeset commit:"925d3179e17bf3e4516ac2037a0ee7d10fc16b66".

#10 - 2013-05-25 11:30 AM - Sandro Santilli

Thanks a lot, fix confirmed !

#11 - 2013-05-25 11:35 AM - Sandro Santilli

- *Status changed from Closed to Reopened*

Hey Jef, I tested with postgis 1.5 and it still fails there. SRID=-1 is the unknown in there. If -1 has special meaning in qgis (does it?) it'd be better to convert it to 0 when it comes from the database

#12 - 2013-05-25 11:36 AM - Sandro Santilli

The recommended way is to convert any SRID < 0 coming from the database to 0. This is what PostGIS 2.0 does when data gets in the db (either from old dumps or old applications)

#13 - 2013-05-26 01:00 AM - Jürgen Fischer

- *Status changed from Reopened to Closed*

Fixed in changeset commit:"10a91b7fb964b1a36ca0693187e165713c4b3127".

#14 - 2013-05-26 09:57 AM - Sandro Santilli

Works for me with both 1.5 and 2.0 -- thanks again !