

QGIS Application - Bug report #1987

Layer with partial unique index are wrong handeld

2009-10-09 05:41 AM - cmoe -

Status: Closed	
Priority: Low	
Assignee: nobody -	
Category: Data Provider	
Affected QGIS version:	Regression?: No
Operating System: RedHat	Easy fix?: No
Pull Request or Patch supplied:	Resolution: fixed
Crashes QGIS or corrupts data:	Copied to github as #: 12047

Description

If you have a postgres point table with a partial unique index like

```
CREATE UNIQUE INDEX foo_bar_unique_idx
ON foo
USING btree
(bar)
WHERE archive = 0;
```

it looks like qgis isn't using the primary key of the table but the partial unique index. The index though isn't unique. It's only unique for the rows in the where condition.

The following problems I detected on such a table:

- the attribute table fails on sorting
- the identify tool sometimes marks a false point
- the select tool selects more as the expected points
- if you edit an affected point, the false point/row is edited

I only tested for a point layer. Maybe there is the same issue with lines and polygons.

Attached is a dump of a sample table with 3 points and a partial index that leads to the problems here. I may provide other/bigger sample data if necessary.

Associated revisions

Revision 5920feb4 - 2009-10-09 03:06 PM - Jürgen Fischer

fix #1987

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@11784> c8812cc2-4d05-0410-92ff-de0c093fc19c

Revision 9037374d - 2009-10-09 03:06 PM - Jürgen Fischer

fix #1987

git-svn-id: <http://svn.osgeo.org/qgis/trunk@11784> c8812cc2-4d05-0410-92ff-de0c093fc19c

History

#1 - 2009-10-09 06:07 AM - Jürgen Fischer

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

fixed in commit:9037374d (SVN r11785)

Files

sample_table.sql	1.98 KB	2009-10-09	cmoe -
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