

QGIS Application - Bug report #1933

Fix PostGIS dataprovider to check for unique data with SQL where clause

2009-09-16 05:21 PM - Jeremy Palmer

Status: Closed	
Priority: Low	
Assignee: Jürgen Fischer	
Category: Data Provider	
Affected QGIS version:	Regression?: No
Operating System: All	Easy fix?: No
Pull Request or Patch supplied:	Resolution: fixed
Crashes QGIS or corrupts data:	Copied to github as #: 11993
Description	
<p>The method <code>[[QgsPostgresProvider]]::uniqueData</code> within <code>qgspostgresprovider.cpp</code> should be updated to use the SQL where clause for determining if the set primary key provides unique data.</p> <p>i.e</p> <pre>if (!sqlWhereClause.isEmpty()) { sql += " where " + sqlWhereClause; }</pre>	

Associated revisions

Revision b6c3bc09 - 2009-09-23 01:26 AM - Jürgen Fischer

postgres provider update:

- only use `typlen` for char fields
- use subset string when checking for key uniqueness and recheck in `setSubsetString()` (fixes #1933)

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@11703> c8812cc2-4d05-0410-92ff-de0c093fc19c

Revision b9508088 - 2009-09-23 01:26 AM - Jürgen Fischer

postgres provider update:

- only use `typlen` for char fields
- use subset string when checking for key uniqueness and recheck in `setSubsetString()` (fixes #1933)

git-svn-id: <http://svn.osgeo.org/qgis/trunk@11703> c8812cc2-4d05-0410-92ff-de0c093fc19c

History

#1 - 2009-09-22 10:33 AM - Jürgen Fischer

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

the where clause can be changed later, to the id needs to be unique even without the where clause. An alternative would be to create a view with the desired clause.

#2 - 2009-09-22 10:33 AM - Jürgen Fischer

s/to/so/

#3 - 2009-09-22 03:03 PM - Jeremy Palmer

- *Status changed from Closed to Feedback*
- *Resolution deleted (wontfix)*

The case I was wanting to implement already involves a view. It would be useful to use the where clause to show different spatial datasets based on this view.

How about modifying the `[[QgsPostgresProvider]]::setSubsetString` method to recheck for the unique primary key by calling the `[[QgsPostgresProvider]]::uniqueData()` method?

I would be really great to have this feature so I can build a python plug-in to dynamically add and view multiple vector layers based on a dataset identifier.

#4 - 2009-09-22 04:27 PM - Jürgen Fischer

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

Replying to [comment:3 jpalmer]:

| *How about modifying the `[[QgsPostgresProvider]]::setSubsetString` method to recheck for the unique primary key by calling the*
| *`[[QgsPostgresProvider]]::uniqueData()` method?*

good point. Thanks.

Fixed in commit:b9508088 (SVN r11704)