

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 typen 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

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- only use typen for char fields
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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)