

QGIS Application - Feature request #3451

Allow suppression of Postgis view key verification on every load

2011-01-29 11:26 AM - Aren Cambre

Status:	Closed	
Priority:	Low	
Assignee:	nobody -	
Category:	Project Loading/Saving	
Pull Request or Patch supplied:		Resolution: fixed
Easy fix?:	No	Copied to github as #: 13511
Description		
<p>It appears that Postgres has no way of telling which column of a view is the key. Therefore, when QGIS loads a view, it tests candidate key columns until it finds one that satisfies this condition:</p> <p>This is slow for large views, which are probably not uncommon in robust GIS applications. See http://forum.qgis.org/viewtopic.php?f=2&t=7014 for an example.</p> <p>The cost is we have to choose a "letter of two evils": deal with slow loading or convert views into tables.</p> <p>What if QGIS remembers the view's key in the project definition? Then the initial load penalty is only paid once in a project's life: the first time a view is loaded.</p>		

Associated revisions

Revision 35c53b3a - 2011-01-29 09:39 PM - Jürgen Fischer

fix #3451: don't recheck saved primary key column for views when 'use estimates' is on

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@15107> c8812cc2-4d05-0410-92ff-de0c093fc19c

Revision 3cc6f3f9 - 2011-01-29 09:39 PM - Jürgen Fischer

fix #3451: don't recheck saved primary key column for views when 'use estimates' is on

git-svn-id: <http://svn.osgeo.org/qgis/trunk@15107> c8812cc2-4d05-0410-92ff-de0c093fc19c

History

#1 - 2011-01-29 11:28 AM - Aren Cambre

BTW, I can see risk with this--if at point in time X, view's column A is a true key, but at point in time X+Y, column A has some duplicate values. Not sure how to deal with that except make the risks clear on the UI?

#2 - 2011-01-29 12:11 PM - Jürgen Fischer

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

This was already addressed back in commit:468550c6 (SVN r10658). The key field is stored, but rechecked on load.

#3 - 2011-01-29 12:15 PM - Aren Cambre

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

But it's still rechecked on every load. It's impossible for me to us a 12 million row view thanks to this.

#4 - 2011-01-29 12:40 PM - Jürgen Fischer

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

fixed in commit:3cc6f3f9 (SVN r15108).