

## QGIS Application - Feature request #3451

### Allow suppression of Postgis view key verification on every load

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

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b> nobody -	
<b>Category:</b> Project Loading/Saving	
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> fixed
<b>Easy fix?:</b> No	<b>Copied to github as #:</b> 13511
<b>Description</b>	
<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 <a href="http://forum.qgis.org/viewtopic.php?f=2&amp;t=7014">http://forum.qgis.org/viewtopic.php?f=2&amp;t=7014</a> 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).