

QGIS Application - Bug report #10116

Oracle Provider feature count grabs whole table data

2014-04-25 07:56 AM - Médéric RIBREUX

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Map Legend	
Affected QGIS version:	2.2.0	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: end of life
Crashes QGIS or corrupts data:	No	Copied to github as #: 18581
Description		
<p>Hello,</p> <p>When I check the "Show Feature Count" checkbox, QGis 2.2 sends this query to do the count:</p> <pre>SELECT "FIELD1","FIELD2",,...,"FIELDN" FROM "SCHEMA"."TABLE" "featureRequest"</pre> <p>When the table is huge with lots of fields, this count can be very long to do. I've seen in the code that there is a featureCount function that could/should be used to do this count. In this function there are good queries to fast determine the number of features of the layer (by querying metadata table for example).</p> <p>I believe that those queries should be used when the checkbox "Show Feature Count" is checked instead of the one who grabs all of the attributes data (which I can't find in Oracle Provider code).</p>		

History

#1 - 2014-04-28 01:03 AM - Médéric RIBREUX

Hello,

after using Debugview (under MS-Windows) and a little bit more Wireshark, I can see that featureCount method is launched when the box is checked. But after this method, the QgsOracleFeatureIterator::openQuery method is launched. This method execute the SQL query that grabs all of the data from the layer. I don't know what does this method and perhaps is it the internal way of Qgis to deals with count checkboxes ?

But if we could avoid to launch openQuery, it will saves a great amount of time when counting features... We could also try to lowerage the weight of the SQL query launched by openQuery.

#2 - 2014-04-28 01:29 AM - Jürgen Fischer

- Target version changed from Version 2.4 to Future Release - Nice to have
- Category changed from Data Provider/Oracle to Map Composer/Printing
- Assignee deleted (Jürgen Fischer)

#3 - 2014-04-28 01:31 AM - Jürgen Fischer

- Category changed from Map Composer/Printing to Map Legend

#4 - 2017-05-01 01:08 AM - Giovanni Manghi

- Regression? set to No
- Easy fix? set to No

#5 - 2019-03-09 03:12 PM - Giovanni Manghi

- *Resolution set to end of life*
- *Status changed from Open to Closed*

End of life notice: QGIS 2.18 LTR

Source:

<http://blog.qgis.org/2019/03/09/end-of-life-notice-qgis-2-18-ltr/>