

QGIS Application - Bug report #582

Use the estimateExtents function for PostGIS and PostgreSQL 8

2007-02-11 06:04 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 #: 10641
Description	
<p>Currently the POSTGIS data provider use the "extents" function to determine the layers spatial extents. This can take time on very large tables. Starting from [[PostgreSQL]] 8.0 the column's statistics are stored. This means that the geometry extents can be cached during statistic gathering. The POSTGIS team have added a function that returns the estimated extents "estimateExtents".</p> <p>This function should be used by the data provider when the server version is greater than 8.0.</p> <p>The inconvenience of not having the precise extent does not out weight the need for quick data provider creation. If it becomes an issue for the user the database admin should schedule regular table statistics updates.</p>	

Associated revisions

Revision 9dbe4f57 - 2008-08-27 10:00 AM - Jürgen Fischer

postgres provider update

- track open cursors and commit transaction whenever no open cursors are left
- close cursor after immediately after feature retrieval (releases locks earlier)
- wrap postgres calls in Conn class
- introduce Result class to handle PQclear mostly transparently (fixes minor leaks)
- remove executeDbCommand method (duplicate of PQexecNR)
- introduce support for estimate_extents (fixes #582)
- introduce support for enum types (fixes #1210)

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@9183> c8812cc2-4d05-0410-92ff-de0c093fc19c

Revision b9452c2d - 2008-08-27 10:00 AM - Jürgen Fischer

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History

#1 - 2007-11-15 03:06 PM - Aaron Racicot -

- Status changed from Open to In Progress

#2 - 2008-07-22 08:28 AM - Jürgen Fischer

- Status changed from In Progress to Open

#3 - 2008-08-27 01:06 AM - Jürgen Fischer

- Resolution set to fixed

- Status changed from Open to Closed

added in commit:b9452c2d (SVN r9184)

#4 - 2009-08-22 12:57 AM - Anonymous

Milestone Version 1.0.0 deleted