QGIS Application - Bug report #6235
Problem with primary keys in MSSQL provider

2012-08-21 09:08 AM - Alexander Bruy

Status:	Closed		
Priority:	Normal		
Assignee:	Tamas Szekeres		
Category:	Data Provider/MSSQL		
Affected QGIS version:	master	**Regression?:**	No
Operating System:	all	**Easy fix?:**	No
Pull Request or Patch supplied:	Yes	**Resolution:**	fixed
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	15544

Description

Table has bigint primary key. When loading it to QGIS all field values are displayed as "ERROR", but identify tool works fine. Also table reports correct number of features and field types detected correctly. Seems this related with possible integer overflow in nextFeature() method (line 523).

From Qt docs
Warning: If the value is convertible to a LongLong but is too large to be represented in an int, the resulting arithmetic overflow will not be reflected in ok. A simple workaround is to use QString::toInt(). Fixing this bug has been postponed to Qt 5 in order to avoid breaking existing code.

Here is simple patch that should fix it

Associated revisions

Revision a21ad0f7 - 2012-08-28 01:50 PM - Alexander Bruy

fix #6235

History

#1 - 2012-08-22 04:01 AM - Alexander Bruy

- Category changed from Data Provider to Data Provider/MSSQL

#2 - 2012-08-27 12:36 PM - Evgeniy Nikulin

I tried the patch on qgis trunk (Fedora 17 x86_64) and MS SQL Server 2008 - it works. My tables with bigint keys well displayed in the table of attributes.

#3 - 2012-08-28 05:00 AM - Alexander Bruy

- Status changed from Open to Closed

Fixed in changeset commit:"a21ad0f7a19cce63529e561581f293159c0bec2c".

#4 - 2012-08-28 05:00 AM - Alexander Bruy

- Resolution set to fixed

Files

fix_pk_issue_mssql.patch	481 Bytes	2012-08-21	Alexander Bruy