QGIS Application - Bug report #10115
columns with a "%" in their name can cause crash and/or problems with symbology

2014-04-25 01:17 AM - Dave Morgan

Status:	Closed			
Priority:	High			
Assignee:				
Category:	Vectors			
Affected QGIS version:	master	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:	No	**Resolution:**	duplicate	
Crashes QGIS or corrupts data:	Yes	**Copied to github as #:**	18580	

Description

new description:

If a column of a joined table has a "%" in its name, using it for the symbology can lead to wrong results (categorized) or even crashes (graduated).

old description:

When I join an attribute only csv file (loaded using the 'Add delimited text layer' button) to a SQL Server spatial table, the identify tool works, displaying the original and joined fields, but when I attempt to open the attribute table, or apply a categorised or graduated style based on a joined field QGIS crashes. The SQL server table has 60 features of type Multipolygon. Occurs in QGIS versions 2.0.1 and 2.2.0, running on Windows XP and 7. I've attached a shapefile copied from the SQL server spatial table, a csv file I tried to join and a text file containing the create table DDL for the SQL server table

Associated revisions

Revision 2ffe3ce3 - 2014-06-02 08:44 AM - Nathan Woodrow

Clean up MS SQL iterator. Fix #10115 - Fix crash on join

History

#1 - 2014-04-25 11:30 AM - Giovanni Manghi

- Priority changed from Normal to High

- Category set to Data Provider/MSSQL

#2 - 2014-06-01 08:27 PM - Nathan Woodrow

- Status changed from Open to Feedback

- Assignee set to Nathan Woodrow

- Target version set to Version 2.4

Can you confirm this is still a issue using the latest nightly build?

#3 - 2014-06-01 11:45 PM - Anonymous

- Status changed from Feedback to Closed

Fixed in changeset commit:"2ffe3ce39d9d1f8624930d3ac6c734996c709233".

#4 - 2014-06-10 03:18 AM - Dave Morgan

- Status changed from Closed to Reopened

Just checked this in the weekly release candidate (9 June 2014). Now when I create a join the attribute table will open without causing a crash, and I can create categorised and graduated styles on fields in the original (spatial) table without a problem. I can also create categorised and graduated styles on the joined fields if the data type is text or integer. However, when I try to create a categorised style on a field with data type double, QGIS doesn't crash but the map is rendered as a single colour (though the legend shows the categorisation correctly). When I try to create a graduated style on the same double field QGIS crashes. When I checked the data, one of the data values in the double field had rounded to an integer. I tried changing this to have something to the right of the decimal point, but it made no difference, trying to create a graduated style on the field cause a crash.

Thanks & best wishes, Dave

#5 - 2014-06-10 07:03 AM - Giovanni Manghi

- Status changed from Reopened to Feedback

- Affected QGIS version changed from 2.2.0 to master

- OS version deleted (XP and 7)

- Operating System deleted (Windows)

- Category changed from Data Provider/MSSQL to Vectors

- Subject changed from Joining csv to MS SQL Server table causes crash to Joining csv to table causes crash

I just tested using your data, but using/importing the vector into PostGIS: it happens the same, but the culprit seems to be the "%" in the name of the (double) column used to crated the symbology.

If you remove the "%" from column name them it all works as expected with no crash.

#6 - 2014-06-10 08:40 AM - Dave Morgan

Thanks Giovanni, - removing the % character also works for me on SQL server. It's probably good practice to avoid characters like % in field names anyway!

Dave

#7 - 2014-06-10 11:54 PM - Giovanni Manghi

- Subject changed from Joining csv to table causes crash to columns with a "%" in their name can cause crash and/or problems with symbology

- Status changed from Feedback to Open

- Assignee deleted (Nathan Woodrow)

- Target version deleted (Version 2.4)

Dave Morgan wrote:

> *Thanks Giovanni, - removing the % character also works for me on SQL server. It's probably good practice to avoid characters like % in field names anyway!*
> *Dave*

QGIS should not crash, but we must admit that having a "%" in column name seems an edge case.

#8 - 2014-11-03 01:51 PM - Giovanni Manghi

- Resolution set to duplicate

- Status changed from Open to Closed

Closing this in favor of #11201 as it has a more general description.

Files

PembsEDs.zip	2.21 MB	2014-04-24	Dave Morgan
WardHHSpace.csv	2.66 KB	2014-04-24	Dave Morgan
PembsEDs.txt	859 Bytes	2014-04-24	Dave Morgan