QGIS Application - Bug report #2007
Query builders LIKE statement treats every string like '%string%' with DBF backend

2009-10-13 09:41 AM - marisn -

Status:	Closed			
Priority:	Low			
Assignee:	nobody -			
Category:	Vectors			
Affected QGIS version:			**Regression?:**	No
Operating System:	Gentoo		**Easy fix?:**	No
Pull Request or Patch supplied:			**Resolution:**	fixed
Crashes QGIS or corrupts data:			**Copied to github as #:**	12067

Description

Steps to reproduce:

 - Open Shapefile;

 - Open attribute table;

 - Open query builder;

 - Create following query:

     mycolumn LIKE 'A%'

 - Test result.

    Result set should contain only mycolumn entries that start with "A" letter, still they will contain also any entry that has "A" letter in it.
Seems like "%" and "_" are ignored and string is allways treated like "%%" one.

I have no idea if it's only DBF related (limitation?) or not, but as queries in query builder return wrong data sets, something must be done
to warn user about QGIS specific SQL dialect, if it's not possible to fix this issue.

Associated revisions

Revision 2e1eb256 - 2009-10-14 01:52 PM - Jürgen Fischer

fix #2007

git-svn-id: http://svn.osgeo.org/qgis/trunk/qgis@11804 c8812cc2-4d05-0410-92ff-de0c093fc19c

Revision 6b4e5263 - 2009-10-14 01:52 PM - Jürgen Fischer

fix #2007

git-svn-id: http://svn.osgeo.org/qgis/trunk@11804 c8812cc2-4d05-0410-92ff-de0c093fc19c

History

#1 - 2009-10-13 11:37 AM - Jürgen Fischer

not reproducable here. QGIS uses OGR to access shapefiles and uses [OGR SQL](#) to query OGR layers. So this might be a GDAL issue. Which version
are you using?

#2 - 2009-10-13 01:11 PM - Giovanni Manghi

Not replicable here too.

#3 - 2009-10-14 02:17 AM - marisn -

Good news - it's NOT an GDAL/OGR bug but a QGIS bug :) Tested with 1.6.2 ogrinfo -where and -sql options - OGR returns correct results. QGIS 1.2.0 and current trunk - NOT correct results. I will attach sample dataset.

Steps to reproduce:

 - Open file (UTF-8 coding);
 - Open Attribute table;
 - Advanced search;
 - At SQL where clause enter following text:

   NOSAUKUMS LIKE 'S%'

 - Press OK.
   I get 4 results - also "CESIS", still "CESIS" doesn't match 'S%' pattern.

#4 - 2009-10-14 04:27 AM - Giovanni Manghi

With your sample data and you SQL clause I get 3 (correct) results, so I cannot confirm the problem.

Using qgis trunk compiled under Ubuntu 9.04

#5 - 2009-10-14 04:52 AM - Jürgen Fischer

- Status changed from Open to Closed

- Resolution set to fixed

Replying to [marisn](#):

> *- Open attribute table;*
> *- Open query builder;*

Ouch, sorry, totally misread your report.

Fixed in commit:6b4e5263 (SVN r11805)

#6 - 2009-10-14 05:47 AM - marisn -

Thanks! Tested - now works just fine. Sorry for confusing description - at first I was using localised QGIS version and thus migh be calling things different than en_US version does :)

Files

cities.zip	1.37 KB	2009-10-14	marisn -