QGIS Application - Bug report #8129
Vector feature subset query uses ilike as like for non-latin letters

2013-06-21 07:59 AM - marisn -

Status:	Closed			
Priority:	Severe/Regression			
Assignee:				
Category:				
Affected QGIS version:	master	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	fixed
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	16960

Description

When using "FIELD" ilike '%ā%' in attribute table expression, it will give both results with "ā" and "Ā" letters as expected. Same expression in vector feature subset query will result only in results with "ā" letter and all entries with a capital letter are ignored => ilike works like ordinary like (tested also with a capital letter). It doesn't affect ascii-only letters.

QGIS master version commit:28efcda

Setting as a blocker, as it's hard to spot and thus might lead to incorrect results. Besides QGIS 2.0 finally should be encoding bug free as there have been too many releases with encoding problems. :(

Related issues:

Duplicates QGIS Application - Bug report # 7380: Different behavior for "Fiel...	**Closed**	**2013-03-17**
Duplicates QGIS Application - Bug report # 6690: builder query gives wrong re...	**Closed**	**2012-11-14**

Associated revisions

Revision c6a4bb86 - 2013-06-21 11:59 PM - Jürgen Fischer

context_help/function_help:

- remove en_US postfix

- remove translated files (translation were moved to ts files earlier)

- remove unused jQuery (python help doesn't use it anymore)

- change expression label in QgsQueryBuilder and add context help (partly fixes

 #8129)

History

#1 - 2013-06-21 08:45 AM - Jürgen Fischer

I suppose you're referring to OGR data sources. Does ogrinfo -sql "select field from someshapefile where FIELD like '%ā%'" shapefile.shp work for you? If it doesn't it's probably a OGR issue (btw. LIKE and ILIKE are both case-insensitive in OGR SQL).

#2 - 2013-06-21 09:02 AM - marisn -

Jürgen Fischer wrote:

> *I suppose you're referring to OGR data sources. Does ogrinfo -sql "select field from someshapefile where FIELD like '%ā%'" shapefile.shp work for*
> *you? If it doesn't it's probably a OGR issue (btw. LIKE and ILIKE are both case-insensitive in OGR SQL).*

Yes, you are right. It's a OGR issue. Seems that both LIKE and ILIKE are case sensitive (not case-insensitive as stated in OGR documentation) in OGR SQL. Still - leaving bug open as in the attribute table it works as expected and thus there's no reason why any reasonable enduser would expect that feature subset query should be different.

#3 - 2013-06-21 09:56 AM - Matthias Kuhn

There is no real "fix" for that, because one is handled by OGR, the other one by QgsExpression.
A recent similar bug was closed as "wontfix"

I would propose to clearly state the fact, that the query is going to be handled by the dataprovider in the dialog.

#4 - 2013-06-22 02:00 AM - Jürgen Fischer

- Resolution set to fixed
- Status changed from Open to Closed

documentation added in commit:c6a4bb86a.

#5 - 2013-08-03 10:02 PM - marisn -

OGR part of issue reported upstream: http://trac.osgeo.org/gdal/ticket/5132