QGIS Application - Bug report #5536
Rule based symbology refine assistant forgets quotation marks for fields with special characters

2012-05-03 06:01 AM - Regis Haubourg

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Symbology			
Affected QGIS version:	1.7.4		**Regression?:**	No
Operating System:	Windows		**Easy fix?:**	No
Pull Request or Patch supplied:			**Resolution:**	fixed
Crashes QGIS or corrupts data:			**Copied to github as #:**	15129

Description

Tested with Qgis 1.7.4 standalone and qgis 1.8.0.4 from osgeow.

When trying to refine rules in rule based labeling interface, if field names contain spaces or non ascii characters, automatically generated rules queries do not include quotation mark for the field. See pictures attached and sample shapefile.
Ex: I get **Montant re** > '1000' instead of **"Montant re"** > 1000.
Map rendering is false but is rendered without any error message.

When testing each expression within the definition Query, error message raises "Filter expression parsing error:
syntax error, unexpected COLUMN_REF, expecting $end" . **Putting quotation mark by hands gives a correct behaviour.**
Generating rules by hand, without using "refine" button does generate quotation marks.

- Possible other feature request : Newcoming users don't know that special characters is a bad pratice for fields names. Maybe a automatical clean in ogr export could be a good thing for shapefile at least.

- remark (not a bug): Another strange behaviour is that numerical values in range refining are quoted myfield > '1000' instead of Montant re > 1000. Could this affect performance since a type cast is necessary?

Cheers
régis

Associated revisions

Revision f2c4f539 - 2012-06-01 10:42 AM - Hugo Mercier

refs #5536
Escape field names in refine rules functions

History

#1 - 2012-05-03 06:51 AM - Giovanni Manghi

- Category changed from Map Legend to Symbology

- Subject changed from Rule based Labeling refine assistant forgets quotation marks for fields with special characters to Rule based symbology refine assistant forgets quotation marks for fields with special characters

#2 - 2012-06-01 02:05 AM - Hugo Mercier

Fixed (pull request: https://github.com/qgis/Quantum-GIS/pull/156).

Double quotes are now added to field names. Field names are also escaped and can contain accents (tested with some french accents), spaces, as well

as quotes and double quotes.

#3 - 2012-06-01 03:25 PM - Martin Dobias

- Resolution set to fixed

- Status changed from Open to Closed

fixed in commit:bf86521d4

Files

rule_query_quotation_mark_missing.jpeg	127 KB	2012-05-03		Regis Haubourg
rule_query_quotation_mark_back.jpeg	16.1 KB	2012-05-03		Regis Haubourg
industrie.zip	33.7 KB	2012-05-03		Regis Haubourg