

Redmine - Defect #20438

Subject filter doesn't work with non ASCII uppercase symbols

2015-07-29 18:07 - Alexandr Raz

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Issues	Estimated time:	0.00 hour
Target version:	3.2.0	Affected version:	3.0.4
Resolution:	Fixed		
Description			
<p>If you search by containing cyrillic uppercase symbols, you get empty result. The query for search looks like</p> <p>when "~"</p> <pre>sql = "LOWER(#{db_table}.#{db_field}) LIKE '%#{self.class.connection.quote_string(value.first.to_s.downcase)}%'"</pre> <p>but ruby function downcase works only with latin symbols.</p> <p>We add special private method:</p> <pre>def like_operator(content) if Redmine::Database.postgresql? "LIKE '%#{content}%' " else "LIKE LOWER(#{content})" end end</pre> <p>and override method sql_for_field</p> <p>when "~"</p> <pre>sql = "LOWER(#{db_table}.#{db_field}) #{like_operator(self.class.connection.quote_string(value.first.to_s.downcase))}" when "!~"</pre> <pre>sql = "LOWER(#{db_table}.#{db_field}) NOT #{like_operator(self.class.connection.quote_string(value.first.to_s.downcase))}"</pre>			
Related issues:			
Related to Redmine - Defect # 3536: Case sensitivity in Issue filtering		Closed	2009-06-25

Associated revisions

Revision 14476 - 2015-08-02 10:32 - Jean-Philippe Lang

Query doesn't work with non ASCII uppercase symbols (#20438).

History

#1 - 2015-07-30 01:17 - Toshi MARUYAMA

What db do you use?

If it is SQLite3, it does not work (r13760).

#2 - 2015-07-30 01:21 - Toshi MARUYAMA

- Status changed from New to Needs feedback

#3 - 2015-07-30 10:39 - Alexandr Raz

I'm using postgresql. I have a small experience with SQLite. How can I improve it?

#4 - 2015-07-30 13:19 - Toshi MARUYAMA

- Category changed from Search engine to Database

#5 - 2015-07-30 13:30 - Toshi MARUYAMA

- Subject changed from Search form doesn't work with cyrillic uppercase symbols. to Issue query doesn't work with non ASCII uppercase symbols.
- Category changed from Database to Issues
- Status changed from Needs feedback to New
- Target version set to 3.2.0

#6 - 2015-07-30 13:35 - Toshi MARUYAMA

- Subject changed from Issue query doesn't work with non ASCII uppercase symbols. to Query doesn't work with non ASCII uppercase symbols.
- Category deleted (Issues)
- Target version deleted (3.2.0)

#7 - 2015-07-30 13:41 - Toshi MARUYAMA

- Related to Defect #3536: Case sensitivity in Issue filtering added

#8 - 2015-07-30 13:48 - Toshi MARUYAMA

Please post by patch. I am confused with "query" and "search".

Please add tests like r2796 and r13767.

#9 - 2015-08-02 09:26 - Jean-Philippe Lang

- Target version set to 3.1.1

#10 - 2015-08-02 10:32 - Jean-Philippe Lang

- Subject changed from Query doesn't work with non ASCII uppercase symbols. to Subject filter doesn't work with non ASCII uppercase symbols
- Category set to Issues
- Status changed from New to Closed
- Assignee set to Jean-Philippe Lang
- Target version changed from 3.1.1 to 3.2.0
- Resolution set to Fixed

Fixed in r14476.