Subject: postgresql error using lower/upper/ilike functions
Posted by renato on Sun, 05 Mar 2017 03:43:18 GMT
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Hi Tony,

I'm trying to search case insensitive in PostgreSQL. Postgresql doesn't allow you to make text searching case insensitive.
You have to resort to either citext or lower/upper functions in your query. I don't like any of the options.
Radicore isn't allowing the syntax of postgresql lower function in combination with a LIKE.
It also doesn't recognize the 'ILike' operator.

The following throws a "Cannot extract token from:'%hello%'" error:
$where = "lower(product_name) LIKE '%hello%'";
'product_name' is a column in the database.
Seems to happen in the where2indexArray function from include.library.inc

It does however work with the '=' operator.
$where = "lower(product_name) = '%hello%'";
Of course the wild cards wouldn't work.

Tree questions:
1. How can I fix this?
2. Is there another way I can do case insensitive searching on texts in Radicore with pgsql?
3. Is there a way to hook into the default search to change the query to wrap the column name with lowar?

Subject: Re: postgresql error using lower/upper/ilike functions
Posted by AJM on Sun, 05 Mar 2017 10:43:33 GMT
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I have amended include.library.inc so that it will allow both of the following in the WHERE string:

lower(product_name) LIKE '%hello%'"
product_name ILIKE '%hello%'

File Attachments
1) include.library.zip, downloaded 1632 times

Subject: Re: postgresql error using lower/upper/ilike functions
Posted by renato on Mon, 06 Mar 2017 17:39:48 GMT

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Yes. It works!
Thanks!

Subject: Re: postgresql error using lower/upper/ilike functions
Posted by apmuthu on Wed, 12 Apr 2017 20:12:26 GMT
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This updated file include.library.inc appears to be missing in the April 2017 release.

Subject: Re: postgresql error using lower/upper/ilike functions
Posted by AJM on Wed, 12 Apr 2017 22:10:16 GMT
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I have tested that file and cannot reproduce the problem. What is the WHERE string which you are using?

Subject: Re: postgresql error using lower/upper/ilike functions
Posted by apmuthu on Sun, 16 Apr 2017 10:47:34 GMT
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The file attached to your post (2017-03-05) and that in the 2017-04-02 distribution are different. Attached both here. Kindly reconcile.

File Attachments
1) Both_Includes.zip, downloaded 1545 times

Subject: Re: postgresql error using lower/upper/ilike functions
Posted by AJM on Sun, 16 Apr 2017 12:24:11 GMT
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They are different because I made some other changes since 2017-03-05.

I cannot reproduce this problem in my development environment. What is the WHERE string which you are using?

Subject: Re: postgresql error using lower/upper/ilike functions
Posted by apmuthu on Sun, 16 Apr 2017 15:21:59 GMT
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I haven't checked out radicore fully yet and there is no WHERE string that causes any error yet. I have been looking at recent posts and major releases since 2006, tracing it's evolution atleast after coming to radicore.org.

I find that once logged in, if we enter the login page it expects us to login again - no session persistence yet.

Subject: Re: postgresql error using lower/upper/ilike functions
Posted by AJM on Mon, 17 Apr 2017 08:49:06 GMT
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Subject: Re: postgresql error using lower/upper/ilike functions
Posted by Triolo on Fri, 28 Apr 2017 04:58:57 GMT
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AJM wrote on Mon, 17 April 2017 04:49Do you have cookies enabled?

How do you check?

Subject: Re: postgresql error using lower/upper/ilike functions
Posted by AJM on Fri, 28 Apr 2017 08:38:53 GMT
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It is a setting in your browser.
