## Redmine - Defect #2473
### Login and mail should not be case sensitive

2009-01-08 21:24 - Teddy L

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Start date:</th>
<th>2009-01-08</th>
</tr>
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<tbody>
<tr>
<td>Priority:</td>
<td>High</td>
<td>Due date:</td>
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<tr>
<td>Assignee:</td>
<td>Eric Davis</td>
<td>% Done:</td>
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<td>Category:</td>
<td>Accounts / authentication</td>
<td>Estimated time:</td>
<td>0.00 hour</td>
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<td>Target version:</td>
<td>1.0.0 (RC)</td>
<td>Affected version:</td>
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### Description

Actually, uniqueness tests on login and mail fields are case sensitive, so you can have many accounts with same login and/or mail. And the "=" statement isn't case sensitive for strings on all databases, the method `find_by_login` need a fix to be case insensitive like `find_by_mail`.

For example, when i use Redmine with sqlite3, there are sides effects with "On the fly" ldap accounts creation and with SVN users automatic assignement because of `find_by_login` matching "login" with "login" but not "login" with "Login" ...

### Related issues:

- Related to Redmine - Patch # 4732: Make login case-insensitive also for Postg... [Closed 2010-02-03]
- Duplicated by Redmine - Feature # 2330: Option for able to turn on case insen... [Closed 2008-12-12]

### Associated revisions

**Revision 2253 - 2009-01-10 12:29 - Jean-Philippe Lang**

Makes email adress uniqueness case-insensitive (#2473).

**Revision 3807 - 2010-06-20 23:40 - Eric Davis**

Change User#login to be case-insensitive. #2473

This change also overrides User#find_by_login to give priority to exact matches in the login.

Contributed by Greg Mefford

**Revision 3813 - 2010-06-24 05:08 - Eric Davis**

Force string comparison for login search to be case sensitive on MySQL. #2473

Contributed by Holger Just.

### History

**#1 - 2009-01-15 14:36 - Stanislav German-Evtushenko**

Duplicate #2330

**#2 - 2009-02-11 00:53 - Tony Arnold**
Is this patch going to be included in the core redmine product? We're having problems with our LDAP logins at present - we treat usernames as being case-insensitive, however redmine currently does not.

#3 - 2009-12-10 09:31 - Stanislav German-Evtushenko

Tony Arnold wrote:

Is this patch going to be included in the core redmine product? We're having problems with our LDAP logins at present - we treat usernames as being case-insensitive, however redmine currently does not.

It will be great if it's included in redmine. We have the same problem.

#4 - 2009-12-22 21:39 - Stanislav German-Evtushenko

Teddy L wrote:

Actually, uniqueness tests on login and mail fields are case sensitive, so you can have many accounts with same login and/or mail. And the "=" statement isn't case sensitive for strings on all databases, the method find_by_login need a fix to be case insensitive like find_by_mail.

For example, when i use Redmine with sqlite3, there are sides effects with "On the fly" ldap accounts creation and with SVN users automatic assignement because of find_by_login matching "login" with "Login" but not "login" with "Login"

Thank you, Teddy! Your patch works with 0.8-stable!

#5 - 2010-04-29 13:25 - Stanislav German-Evtushenko

- File redmine-0.9-stable-r3695-login_caseInsensitive.patch added

Patch has been updated.

#6 - 2010-04-29 23:06 - Marcel Waldvogel

Patch #4732 addresses the same problem, but there at least PostgreSQL and MySQL should use the index instead of a table scan.

Dear maintainers: Please do include one of those fixes!

#7 - 2010-04-30 09:46 - Eric Voisard

Just a comment: In the SMTP point of view, the local part of email addresses IS case-sensitive (RFC821, RFC822, RFC2821). username@domain.org is not the same mailbox as Username@domain.org. Don't you think considering email addresses as case insensitive could have some undesired side effects?...

#8 - 2010-06-19 23:36 - Felix Schäfer

- Target version set to 1.0.0 (RC)
#9 - 2010-06-20 22:59 - Greg Mefford

Created patches on github:
For the validation: http://github.com/GregMefford/redmine/commit/8269a9f774e3e41c0ddd0b4c2913dcc000c0dbb82
For the user login: http://github.com/GregMefford/redmine/commit/022c8addba1714bc47e90747e335337021cb1ca6

#10 - 2010-06-20 23:38 - Eric Davis

- Status changed from New to Closed
- Assignee set to Eric Davis
- % Done changed from 0 to 100
- Resolution set to Fixed

I've committed a patch by Greg Mefford that makes the user login's case insensitive (r3807).

Files

<table>
<thead>
<tr>
<th>File Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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<tbody>
<tr>
<td>user_rb.patch</td>
<td>1.56 KB</td>
<td>2009-01-08</td>
<td>Teddy L</td>
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<tr>
<td>redmine-0.9-stable-r3695-login_case_insensitive.patch</td>
<td>1.18 KB</td>
<td>2010-04-29</td>
<td>Stanislav German-Evtushenko</td>
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