

## Redmine - Patch #4732

### Make login case-insensitive also for PostgreSQL

2010-02-04 00:26 - Marcel Waldvogel

<b>Status:</b>	Closed	<b>Start date:</b>	2010-02-03
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Eric Davis	<b>% Done:</b>	100%
<b>Category:</b>	Accounts / authentication	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0.0 (RC)		
<b>Description</b>			
<p>When using MySQL as the backend, it will automatically do case-insensitive comparisons. For a PostgreSQL database, however, trying to log in with different capitalisation will result in either of the following error messages (paraphrased):</p> <ol style="list-style-type: none"><li>1. "User unknown" (when the user is not in LDAP or LDAP is not configured)</li><li>2. "User with this email address already exists" (when there is such a user in LDAP and automatic addition is enabled; this is more confusing than "User unknown")</li></ol> <p>This patch resolves this problem for all systems, trying to use indices as much as possible:</p> <ul style="list-style-type: none"><li>- For <i>MySQL</i> and <i>PostgreSQL</i> backends, it will even avoid table walks on successful attempts (there might be a table walk for unsuccessful logins with MySQL backend, depending on how MySQL's query optimiser works. Avoiding such a table walk for sure would require testing for the adapter in the controller, which I find pretty ugly).</li><li>- For <i>sqlite</i>, it is likely to cause a table walk when capitalisation differs (but I would expect anyone using sqlite as a production backend will have few enough users).</li></ul> <p>An alternative would be to downcase the login name always, but this would require updating existing databases and might upset users who are used to seeing their name in mixed case.</p>			
<b>Related issues:</b>			
Related to Redmine - Defect # 2473: Login and mail should not be case sensitive		<b>Closed</b>	<b>2009-01-08</b>

## History

### #1 - 2010-04-29 13:28 - Stanislav German-Evtushenko

Issue #2473 is similar to this one.

### #2 - 2010-06-20 23:40 - Eric Davis

- Status changed from New to Closed
- Assignee set to Eric Davis
- Target version set to 1.0.0 (RC)
- % Done changed from 0 to 100

A patch was committed in r3807 as part of #2473 that resolves this.

## Files

case-insensitive-login.patch	1.87 KB	2010-02-03	Marcel Waldvogel
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