

Redmine - Defect #10996

Time zones lost when upgrading from Redmine 1.4 to 2.0

2012-05-22 18:14 - Jack Christensen

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Database	Estimated time:	0.00 hour
Target version:	2.0.1	Affected version:	2.0.0
Resolution:	Fixed		
Description			
<p>It seems that previous versions of Redmine stored times in database in local time. In 2.0 it stores it in UTC. This causes all old times to be offset by the time zone. e.g. A task I entered right before the upgrade showed as being 5 hours old.</p> <p>I just ran SQL to update the time stamps appropriately, but it might be nice to have this done automatically.</p> <p>Here's the script I used (PostgreSQL):</p> <pre>select 'UPDATE ' table_name ' SET ' column_name ' = ' column_name '::timestamp at time zone 'utc' WHERE ' column_name ' < '2012-05-22 10:40:00';' from information_schema.columns where table_schema='public' and data_type like 'timestamp without time zone'</pre> <p>The hard-coded time is the time that the upgrade occurred so as not to update times from after the upgrade.</p>			
Related issues:			
Related to Redmine - Defect #14658: Wrong activity timezone on user page		Closed	

Associated revisions

Revision 9719 - 2012-05-26 11:12 - Jean-Philippe Lang

Restores local time zone for timestamps for 1.x compatibility (#10996).

Revision 9726 - 2012-05-26 14:07 - Jean-Philippe Lang

Fixed time zone issues introduced by r9719 (#10996).

Revision 9727 - 2012-05-26 21:35 - Jean-Philippe Lang

Fixed test failures on wiki_page updated_on eager loading (#10996).

History

#1 - 2012-05-23 10:15 - Etienne Massip

- Category set to Database

#2 - 2012-05-24 07:27 - Xinruo Sun

I confirm the issue when upgrading from 1.1 to 2.0, with sqlite3 as the database. All redmine time information is incorrect.

#3 - 2012-05-26 11:18 - Jean-Philippe Lang

- Status changed from New to Resolved

- Target version set to 2.0.1

- Resolution set to Fixed

Rails 3 uses UTC timestamps by default. I've restored the previous behaviour for compatibility with Redmine 1.x in [r9719](#) (timestamps stored in local timezone).

If you want to use UTC timestamps instead, just change config.active_record.default_timezone to :utc.

#4 - 2012-05-28 09:22 - Jean-Philippe Lang

- Status changed from Resolved to Closed

#5 - 2017-01-01 03:11 - Go MAEDA

- Related to Defect #14658: Wrong activity timezone on user page added