

Redmine - Patch #20473

Respect the user's timezone when querying issues

2015-08-04 18:52 - Holger Just

Status: Closed	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category: Issues	Estimated time: 0.00 hour
Target version:	
Description	
<p>When querying issues and using date-based filters like "today" or "3 days ago" or "last month", Redmine uses the current date according to the server's local time as a reference. This might however not be the day in the user's timezone if they use a different one as the server. These queries can then show unexpected issues that do not match the filter according to the user's timezone.</p> <p>Furthermore, even if the date is correct, the exact cut-off time still needs to be done in the user's timezone. Suppose the server is set to GMT and the user has configured Europe/Berlin (GMT+2:00 right now) as their time zone. When querying for all issues updated yesterday, the result should include all issues updated between 2015-08-03 02:00:00 GMT and 2015-08-04 01:59:59 GMT. Right now, it would however only include issues updated between 2015-08-03 00:00:00 GMT and 2015-08-03 23:59:59 GMT.</p> <p>The attached patch against the current trunk fixes both of these issues by applying the following changes to the query model:</p> <ul style="list-style-type: none">- It calculates the cut-of time based on the current user timezone instead of assuming midnight at server-local time- it uses <code>User.current.today</code> instead of <code>Date.today</code> to get the correct reference day in the user's timezone <p>The patch was extracted from Planio.</p>	
Related issues:	
Related to Redmine - Defect # 19033: Filters that utilize date/time ignore us...	Closed
Duplicates Redmine - Patch # 22320: Respect user's timezone when comparing / ...	Closed

History

#1 - 2015-09-03 10:48 - Toshi MARUYAMA

Could you add tests?

<https://www.google.com/search?q=rails+stub+timezone>

#2 - 2016-02-26 01:16 - Sebastian Paluch

+1

The same issue exists on spent time queries.

#3 - 2016-02-26 04:35 - Toshi MARUYAMA

- Related to Defect #19033: Filters that utilize date/time ignore user's UTC offset added

#4 - 2016-03-26 09:29 - Jens Krämer

In #22320 there's a patch which includes the changes we proposed here, plus some tests and a global replacement of `Date.today` with `User.current.today`.

#5 - 2016-03-26 09:48 - Jan from Planio www.plan.io

- Status changed from New to Closed

Closing this in favor of #22320, since the patch proposed there includes this one.

#6 - 2016-03-26 10:29 - Jan from Planio www.plan.io

- Duplicates Patch #22320: Respect user's timezone when comparing / parsing Dates added

Files

0001-Use-dates-according-to-the-user-s-timezone-in-querie.patch	3.87 KB	2015-08-04	Holger Just
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