

## Redmine - Patch #20473

### Respect the user's timezone when querying issues

2015-08-04 18:52 - Holger Just

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Issues	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b> <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"><li>• It calculates the cut-of time based on the current user timezone instead of assuming midnight at server-local time</li><li>• it uses User.current.today instead of Date.today to get the correct reference day in the user's timezone</li></ul> <p>The patch was extracted from <a href="#">Planio</a>.</p>			
<b>Related issues:</b>			
Related to Redmine - Defect #19033: Filters that utilize date/time ignore use...		Closed	
Is duplicate of Redmine - Patch #22320: Respect user's timezone when comparin...		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](http://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](http://www.plan.io)

- Is duplicate of 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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