

## Redmine - Feature #24553

### missing index on table custom\_values

2016-12-07 15:13 - Lars Vandam

<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>	Database	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Resolution:</b>			
<b>Description</b>			
<p>Hi,</p> <p>we were facing a performance issue while querying redmine database to generate some reports over all tickets. We are using lots of custom values and want to have all in the output. Problem was that the MySQL Query was slow and lasts over 10 minutes.</p> <p>I checked database structure and found that there is an index missing on column <b>customized_id</b> in table <b>custom_values</b>.</p> <p>After adding the index the query fast (~ 1 sec) and all is fine.</p> <p>Maybe you can check whether to add the index in the future releases.</p> <p>We are running:</p> <p>Redmine version 3.1.1.stable</p> <p>Ruby version 2.0.0-p384 (2014-01-12) [x86_64-linux-gnu]</p> <p>Rails version 4.2.4</p> <p>Server: Ubuntu 14.04.5 LTS</p> <p>query:</p> <pre>CREATE INDEX custom_values_index1 ON custom_values (customized_id);</pre> <p>I am not sure but maybe this is related to Defect <a href="#">#18696</a> since this query is using same column.</p> <p>Regards, Lars Vandam</p>			
<b>Related issues:</b>			
Related to Redmine - Defect #18696: MySQL Queries are Slow			Closed

#### History

##### #1 - 2016-12-13 21:09 - Jean-Philippe Lang

- Target version set to 3.4.0

##### #2 - 2016-12-21 11:40 - Jean-Philippe Lang

When accessing the custom values of an object, we have to filter on customized\_id and customized\_type (eg. = 'Issue'). Would it make sense to add the index on [customized\_type, customized\_id] instead of customized\_id alone?

##### #3 - 2017-01-06 02:26 - Toshi MARUYAMA

- Related to Defect #18696: MySQL Queries are Slow added

##### #4 - 2017-01-14 14:58 - Jean-Philippe Lang

- Status changed from New to Closed

- Target version deleted (3.4.0)

Actually, there's already an index on [customized\_type, customized\_id]. You should always have a condition on both in your queries. I'm closing it, please reopen if you can give some feedback.

##### #5 - 2017-03-16 13:19 - Lars Vandam

Hi,  
sorry for the late feedback.  
Our report queries are not using customized\_type (its always 'Issue').  
Currently our custom\_values table has 220K rows and without the index on customized\_id it would be too slow.  
Regards,  
Lars