Redmine - Feature #24553

missing index on table custom_values

2016-12-07 15:13 - Lars Vandam

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:	Database		**Estimated time:**	0.00 hour
Target version:				
Resolution:				

Description

Hi,

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.

I checked database structure and found that there is an index missing on column **customized_id** in table **custom_values**.

After adding the index the query fast (~ 1 sec) and all is fine.

Maybe you can check whether to add the index in the future releases.

We are running:
Redmine version   3.1.1.stable
Ruby version   2.0.0-p384 (2014-01-12) [x86_64-linux-gnu]
Rails version   4.2.4
Server: Ubuntu 14.04.5 LTS

query:
CREATE INDEX custom_values_index1 ON custom_values (customized_id);

I am not sure but maybe this is related to Defect #18696 since this query is using same column.

Regards,
Lars Vandam

Related issues:

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