

Redmine - Feature #23987

Add an index on issues.parent_id

2016-10-04 11:45 - Jérôme BATAILLE

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Performance	Estimated time:	0.00 hour
Target version:	3.4.0		
Resolution:	Fixed		
Description			
Hi,			
We encounter slowness with using the scrum plugin (https://redmine.ociotec.com/projects/redmine-plugin-scrum).			
It happens when dragging issue in the backlog.			
It seems that the slowness comes from the fact that there is no index on the parent_id field of the issues table :			
Here we have more than 500.000 issues			
and for example a simple <code>SELECT COUNT(*) FROM `issues` WHERE `issues`.`parent_id` = 520784</code> takes 0.28 seconds			
The slow method is all_dependent_issues .			
Aside from the use of this plugin, on issues with children , a request is made on the parent_id field, that takes a few hundreds of milli-seconds.			
We have added an index on that field, that fixes the issue.			
Can this index be added by default in the Redmine migrations ?			
Thanks a lot			

Associated revisions

Revision 16103 - 2016-12-20 10:12 - Jean-Philippe Lang

Adds an index on issues.parent_id (#23987).

History

#1 - 2016-10-31 14:20 - Toshi MARUYAMA

- Target version set to 3.4.0

#2 - 2016-12-20 10:13 - Jean-Philippe Lang

- Subject changed from Issue table : add index on parent_id like on root_id_and_lft_and_rgt to Add an index on issues.parent_id

- Status changed from New to Closed

- Assignee set to Jean-Philippe Lang

- Resolution set to Fixed

Added in [r16103](#).

#3 - 2016-12-20 10:16 - Jérôme BATAILLE

Thanks a lot !