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 SELECT COUNT(*) FROM `issues` WHERE `issues`.`parent_id` = 520784 **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 !