

## Redmine - Feature #23987

### Add an index on issues.parent\_id

2016-10-04 11:45 - Jérôme BATAILLE

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

#### 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 !

