

Redmine - Patch #12721

Optimize MenuManager a bit

2013-01-03 14:45 - Daniel Ritz

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Code cleanup/refactoring	Estimated time:	0.00 hour
Target version:	2.3.0		
<b>Description</b>			
In a project without the modules repository, wiki and boards, the following queries are needlessly executed:			
Wiki Load (0.3ms) <code>SELECT `wikis`.* FROM `wikis` WHERE `wikis`.`project_id` = 1 LIMIT 1</code>			
(0.5ms) <code>SELECT COUNT() FROM `boards` WHERE `boards`.`project_id` = 1</code>			
<b>Repository Load (0.7ms)</b> <code>SELECT `repositories`.</code>			
<code>FROM `repositories` WHERE `repositories`.`project_id` = 1 AND (is_default = 1) LIMIT 1</code>			
In cases where issue tracking and file modules are not enabled, this is also not needed:			
(0.7ms) <code>SELECT COUNT(DISTINCT `issues`.`id`) AS count_id, tracker_id AS tracker_id FROM `issues`</code>			
<code>LEFT OUTER JOIN `projects` ON `projects`.`id` = `issues`.`project_id`</code>			
<code>LEFT OUTER JOIN `issue_statuses` ON `issue_statuses`.`id` = `issues`.`status_id`</code>			
<code>LEFT OUTER JOIN `trackers` ON `trackers`.`id` = `issues`.`tracker_id`</code>			
<code>WHERE (projects.status=1 AND projects.id IN (</code>			
<code>SELECT em.project_id FROM enabled_modules em WHERE em.name='issue_tracking'))</code>			
<code>AND ((projects.id = 1 OR (projects.lft &gt; 1 AND projects.rgt &lt; 2)))</code>			
<code>GROUP BY tracker_id</code>			
The reason is in allowed_node? in Redmine::MenuManager::MenuHelper. It first checks extra conditions, then checks if the user is allowed to perform an action. The user permission check in turn checks if a module is enabled. The patch changes the order in which the checks are executed: First the permissions, then the extra conditions. A win of 1.5-3ms per call on my system.			

Associated revisions

Revision 11112 - 2013-01-04 09:21 - Jean-Philippe Lang

Check permissions before the extra condition for displaying a menu item (#12721).

Patch by Daniel Ritz.

History

#1 - 2013-01-03 16:41 - Daniel Felix

+1 from me.  
Lesser requests for the same goal, are always a good idea. ;-)

#2 - 2013-01-04 09:22 - Jean-Philippe Lang

- Status changed from New to Closed
- Target version set to 2.3.0

Patch committed in [r11112](#), thanks for pointing this out.

Files

menu-manager-optimize.patch	947 Bytes	2013-01-03	Daniel Ritz
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