

Redmine - Patch #24587

Improve custom fields list performance

2016-12-12 13:58 - Thomas Löber

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		
Description			
<p>The custom fields list displays the number of projects the issue custom field is used in by doing a database query for each custom field:</p> <pre>custom_field.projects.count</pre> <p>To improve the performance dramatically when there are really lots of issue custom fields the counts should be pre-loaded with a single database query:</p> <pre>@custom_fields_projects_count = IssueCustomField.where(is_for_all: false).joins(:projects).group(:custom_field_id).count</pre> <p>In the view the counts can then be accessed by:</p> <pre>@custom_fields_projects_count[custom_field.id]</pre> <p>A patch file is attached.</p> <p>Regards, Thomas</p>			

Associated revisions

Revision 16069 - 2016-12-13 20:46 - Jean-Philippe Lang

Improve custom fields list performance (#24587).

Patch by Thomas Löber.

Revision 16070 - 2016-12-13 20:47 - Jean-Philippe Lang

Make it work for 0 projects (#24587).

History

#1 - 2016-12-12 19:32 - Pavel Rosický

what about a counter cache? custom_field.projects_count?

#2 - 2016-12-13 20:50 - Jean-Philippe Lang

- Status changed from New to Closed

- Assignee set to Jean-Philippe Lang

- Target version set to 3.4.0

Patch committed with a slight change to handle the case where there are 0 projects that use the field.

| *what about a counter cache? custom_field.projects_count?*

Adding a cache counter for that seems a bit overkill to me.

Files

custom_fields_projects_count.diff	1.65 KB	2016-12-12	Thomas Löber
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