

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			
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:			
<pre>custom_field.projects.count</pre>			
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:			
<pre>@custom_fields_projects_count = IssueCustomField.where(is_for_all: false).joins(:projects).group(:custom_field_id).count</pre>			
In the view the counts can then be accessed by:			
<pre>@custom_fields_projects_count[custom_field.id]</pre>			
A patch file is attached.			
Regards, Thomas			

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

<code>custom_fields_projects_count.diff</code>	1.65 KB	2016-12-12	Thomas Löber
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