

Redmine - Patch #39840

Optimize `Issue#relations` method to fetch both `relations_from` and `relations_to` using a single query

2023-12-13 14:17 - Go MAEDA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Performance	Estimated time:	0.00 hour
Target version:	6.0.0		
Description			
This patch updates `Issue#relations` method to efficiently fetch both `relations_from` and `relations_to` using a single ActiveRecord query. This optimization reduces database calls and improves performance.			
Before:			
<pre>IssueRelation Load (0.2ms) SELECT "issue_relations".* FROM "issue_relations" WHERE "issue_relations"."issue_from_id" = \$1 [{"issue_from_id", 1}] ↳ app/models/issue.rb:1169:in `relations'</pre>			
<pre>IssueRelation Load (0.5ms) SELECT "issue_relations".* FROM "issue_relations" WHERE "issue_relations"."issue_to_id" = \$1 [{"issue_to_id", 1}] ↳ app/models/issue.rb:1169:in `relations'</pre>			
After:			
<pre>IssueRelation Load (0.7ms) SELECT "issue_relations".* FROM "issue_relations" WHERE (issue_to_id = 1 OR issue_from_id = 1) ↳ app/models/issue.rb:1171:in `sort'</pre>			

Associated revisions

Revision 22572 - 2023-12-28 01:10 - Go MAEDA

Optimize `Issue#relations` method to improve performance by fetching both `relations_from` and `relations_to` using a single database query (#39840).

Patch by Go MAEDA (@maeda).

History

#1 - 2023-12-25 15:23 - Go MAEDA

- Target version set to 6.0.0

#2 - 2023-12-28 01:11 - Go MAEDA

- Status changed from New to Closed

- Assignee set to Go MAEDA

Committed the patch in [r22572](#).

Files

optimize-relation.patch	498 Bytes	2023-12-13	Go MAEDA
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