

Redmine - Defect #32612

Distinct can be removed due to unique constraint in database

2019-12-11 18:31 - jwjw yy

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:			
Description			
<p>Hi, we are a research team that aims to detect and fix performance and data constraints problems in application built upon ORM framework, such as Rails. Redmine provides us with a good platform.</p> <p>There are two queries can be improved by removing the distinct keyword based on the unique constraint created in database.</p> <pre>@principals = Principal.active.joins(:members).where("#{Member.table_name}.project_id = ?", id).distinct</pre> <pre>@users = User.active.joins(:members).where("#{Member.table_name}.project_id = ?",</pre> <p>constraint is redmine/db/migrate/20101104182107_add_unique_index_on_members.rb</p> <pre>add_index :members, [:user_id, :project_id], :unique => true</pre> <p>which means (user_id, project_id) will be unique. so this will make above two queries return distinct results without the `distinct` call.</p>			