

## Redmine - Defect #32612

### Distinct can be removed due to unique constraint in database

2019-12-11 18:31 - jwjw yy

|  |                                  |
|--|----------------------------------|
| <b>Status:</b> New   | <b>Start date:</b>               |
| <b>Priority:</b> Normal  | <b>Due date:</b>                 |
| <b>Assignee:</b>   | <b>% Done:</b> 0%                |
| <b>Category:</b>   | <b>Estimated time:</b> 0.00 hour |
| <b>Target version:</b>   | <b>Affected version:</b>         |
| <b>Resolution:</b>   |                                  |
| <b>Description</b>   |                                  |
| <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<br/>add_index :members, [:user_id, :project_id], :unique =&gt; true</p> <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> |                                  |