

Redmine - Patch #39857

Optimize users visibility check

2023-12-15 15:40 - Pavel Rosický

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

```
diff --git a/app/models/principal.rb b/app/models/principal.rb
index 4cce97e26..25a79d768 100644
--- a/app/models/principal.rb
+++ b/app/models/principal.rb
@@ -48,8 +48,8 @@ class Principal < ActiveRecord::Base
  all
  else
    view_all_active = false
-   if user.memberships.to_a.any?
-     view_all_active = user.memberships.any? {|m| m.roles.any? {|r| r.users_visibility == 'all'
+   if user.memberships.any?
+     view_all_active = User.where(id: user.id).joins(memberships: :roles).where("#{Role.table_
name}.users_visibility = ?", 'all').any?
    else
      view_all_active = user.builtin_role.users_visibility == 'all'
    end
```

in a bad scenario `user.memberships.any? {|m| m.roles...` is (n * memberships without permissions + 1 queries) which is very slow. Let the database do the job. unfortunately in an ideal scenario (where the very first membership has the `users_visibility == 'all'`) performance could be slightly worse, but I think it's an acceptable tradeoff

Associated revisions

Revision 22567 - 2023-12-27 09:07 - Go MAEDA

Optimize users visibility check (#39857).

Patch by Pavel Rosický.

History

#1 - 2023-12-25 16:06 - Go MAEDA

- Target version set to 6.0.0

#2 - 2023-12-27 09:07 - Go MAEDA

- Subject changed from *Optimize users visibility* to *Optimize users visibility check*
- Status changed from *New* to *Closed*
- Assignee set to *Go MAEDA*

Committed the patch. Thank you.