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.