Redmine - Defect #29848

Query to determine role ids is incorrect

2018-10-25 21:31 - Frank Schwarz

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Database	**Estimated time:**	0.00 hour
Target version:			
Resolution:	Invalid	**Affected version:**	3.4.6

Description

After migrating to stable branch 3.4, the issues page stopped listing entries except for admin users.

Some debugging revealed a query, that seems to be the cuprit:

```
SELECT
  `members`.`user_id`,
  `members`.`role_id`,
  `members`.`project_id`
FROM `members`
  INNER JOIN `projects` ON `projects`.`id` = `members`.`project_id`
  INNER JOIN `member_roles` ON `member_roles`.`member_id` = `members`.`id`
WHERE
  (projects.status <> 9) AND
  (members.user_id = 7 OR (projects.is_public = 1 AND members.user_id = 36));
```

For some reasons unkown to me, the column `members`.`role_id` is always 0. However in table `member_roles`, the corresponding column is filled correctly. IMHO, the query should actually look like this one:

```
SELECT
  `members`.`user_id`,
  `member_roles`.`role_id`,  -- **** instead of `members`.`role_id`
  `members`.`project_id`
FROM `members`
  INNER JOIN `projects` ON `projects`.`id` = `members`.`project_id`
  INNER JOIN `member_roles` ON `member_roles`.`member_id` = `members`.`id`
WHERE
  (projects.status <> 9) AND
  (members.user_id = 7 OR (projects.is_public = 1 AND members.user_id = 36));
```

The suggested patch is this:

git diff user.rb

```
diff --git a/app/models/user.rb b/app/models/user.rb
index 357856609..0f0d7d64b 100644
--- a/app/models/user.rb
+++ b/app/models/user.rb
@@ -614,7 +614,7 @@ class User < Principal
       members = Member.joins(:project, :member_roles).
         where("#{Project.table_name}.status <> 9").
         where("#{Member.table_name}.user_id = ? OR (#{Project.table_name}.is_public = ? AND #{Mem
ber.table_name}.user_id = ?)", self.id, true, group_id).
-        pluck(:user_id, :role_id, :project_id)
+        pluck(:user_id, "#{MemberRole.table_name}.role_id", :project_id)

       hash = {}
       members.each do |user_id, role_id, project_id|
```

History

#1 - 2018-10-27 04:08 - Go MAEDA

I could not reproduce the problem.

Could you try without plugins if you are using any plugins?

#2 - 2018-10-30 21:00 - Frank Schwarz

There were no pertinent plugins active at the time the error occurred. I migrated from 3.2-stable. Project membership was set up via groups (not via individual users).

I wonder why there are two role_id columns: one in "Members" and one in "MemberRoles". The former remains "0" for all project-member assignments.

Current environment:

```
Environment:
  Redmine version                 3.4.6.stable
  Ruby version                    2.5.1-p57 (2018-03-29) [x86_64-linux-gnu]
  Rails version                   4.2.10
  Environment                     production
  Database adapter                Mysql2
SCM:
  Subversion                      1.9.7
  Git                             2.17.1
  Filesystem
Redmine plugins:
  redmine_auth_source_passwd      1.0.0.dev --> another AuthSource
  redmine_html_attachments        0.0.1.dev --> patches Attachment to allow HTML-Attachments
  redmine_ics_export              3.0.1.dev --> https://github.com/buschmais/redmics
  redmine_overdue_notification_task 0.3.0  --> extends Mailer + Rake task
```

#3 - 2020-02-23 10:15 - Frank Schwarz

- Status changed from New to Resolved

For some unknown reasons the members table (still) had a role_id column. Dropping that column manually, removed the join-table confusion.

#4 - 2020-02-23 13:21 - Marius BĂLTEANU

- Status changed from Resolved to Closed

- Resolution set to Invalid

Frank Schwarz wrote:

> For some unknown reasons the members table (still) had a role_id column. Dropping that column manually, removed the join-table confusion.

Thanks for your feedback.