Redmine - Defect #25258

Field permissions ignored if the user and the group one belongs to share the same role

2017-03-04 00:15 - Marcin Szewczyk

Status:	Closed		Start date:	
Priority:	Normal		Due date:	
Assignee:			% Done:	0%
Category:	Issues workflow		Estimated time:	0.00 hour
Target version:				
Resolution:	Duplicate		Affected version:	3.0.0

Description

I've marked version 3.0.0 as the affected one because in Debian the package is versioned as 3.0~20140825, but the code suggests that the current Redmine might still be affected.

As stated in the subject, when there is a following situation:
User 9 gets its role (6) directly and from the group's (12) role. For role 6 there is a "required" flag for some field.

```
# select member_roles.id, role_id, member_id,
  user_id, inherited_from, type
  from member_roles
  join members on member_roles.member_id = members.id
  join users on user_id = users.id
  where user_id in (9, 12);
 id | role_id | member_id | user_id | inherited_from | type
----+---------+-----------+---------+----------------+-------
 33 |       6 |        13 |      12 |                | Group
 38 |       6 |        15 |       9 |             33 | User
 29 |       6 |        15 |       9 |                | User
(3 rows)
```

Field permissions (like "required") are ignored which leads to a workflow violation.

The reason is that in models/issue.rb inside workflow_rule_by_attribute() there is a line next if rules.size < roles.size. When a role for the user comes from both directly the user and the group, the same role is returned twice by roles_for_project() and the condition becomes true. In consequence the returned result of workflow_rule_by_attribute() is empty.

I propose changing one line in models/user.rb in roles_for_project(), i.e. from membership.roles to membership.roles.uniq. A short patch attached.

Note to future self: next if rules.size < roles.size means "don't apply permissions if for the field for any of the roles there is none set (inherited lack of restrictions)".

Related issues:

Has duplicate Redmine - Defect #19569: Field permissions not working properly...	**Closed**

History

#2 - 2017-03-04 12:39 - Jean-Philippe Lang

- Status changed from New to Closed

- Resolution set to Duplicate

3.0.0 is indeed affected by this issue. This was already reported in #19569 and fixed in 2.6.4 and 3.0.2 (r14179).

#3 - 2017-03-04 12:39 - Jean-Philippe Lang

- Has duplicate Defect #19569: Field permissions not working properly with inherited memberships added

#4 - 2017-03-04 12:43 - Marcin Szewczyk

Jean-Philippe Lang wrote:

3.0.0 is indeed affected by this issue. This was already reported in [#19569](#) and fixed in 2.6.4 and 3.0.2 ([r14179](#)).

Sorry, I have missed the [#19569](#) issue. Thank you.

Files

user.rb.patch	391 Bytes	2017-03-03	Marcin Szewczyk