

Redmine - Defect #42106

Member roles are incorrectly added when a user's memberships are updated

2025-01-15 14:17 - Thomas Löber

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Permissions and roles	Estimated time:	0.00 hour
Target version:	5.1.6	Affected version:	6.0.2
Resolution:	Fixed		
<div>Description</div> <div>Member roles are incorrectly added when a user's memberships are updated on the user's <i>Projects</i> tab.</div> <div>Setup:</div> <div><ul style="list-style-type: none">2 Roles: R1 and R22 Groups: G1 and G2G1 has role R1G2 has roles R1 and R2User is in groups G1 and G2<ul style="list-style-type: none">that means the user has two inherited roles: R1 inherited by G1 and G2, and R2 inherited by G2</div> <div>Steps to reproduce:</div> <div><ul style="list-style-type: none">On the user's <i>Projects</i> tab click on <i>Edit</i> and then on <i>Save</i> without changing any checkboxesRemove the user from G1 and G2</div> <div>Expected result: The user no longer has any roles.</div> <div>Actual result: The user still has the role R1.</div> <div>Reason: When the user's memberships are saved, any roles inherited by more than one group are added as non-inherited roles.</div> <div>Solution: Fix Member#role_ids=:</div> <div><pre>def role_ids=(arg) ids = (arg []).collect(&:to_i) - [0] # Keep inherited roles - ids += member_roles.select { mr !mr.inherited_from.nil?}.collect(&:role_id) + ids = member_roles.select { mr !mr.inherited_from.nil?}.collect(&:role_id)</pre></div>			
<div>Related issues:</div> <div>Related to Redmine - Patch #42572: Fix random test failure in MemberTest#test...<div>Closed</div></div>			

Associated revisions

Revision 23449 - 2025-01-19 08:32 - Go MAEDA

Member roles are incorrectly added when a user's memberships are updated (#42106).

Patch by Thomas Löber (user:tloeber) and Mizuki ISHIKAWA (user:ishikawa999).

Revision 23456 - 2025-01-22 03:49 - Go MAEDA

Merged r23449 from trunk to 6.0-stable (#42106).

Revision 23457 - 2025-01-22 03:50 - Go MAEDA

Merged r23449 from trunk to 5.1-stable (#42106).

History

#1 - 2025-01-17 07:11 - Mizuki ISHIKAWA

- File add_test.diff added

I was able to reproduce the issue in my development environment as well.
When I apply the attached patch that adds a test and run the test, it fails with the current trunk code, as shown below.

```
# Running:

F

Failure:
MemberTest#test_update_roles_with_inherited_roles [test/unit/member_test.rb:86]:
--- expected
+++ actual
@@ -1,1 +1,1 @@
-[[1, 13], [1, 15], [2, 17], [3, nil]]
+[[1, 13], [1, 15], [2, 17], [3, nil], [1, nil]]
```

The failure occurs because at the moment of calling `test_user_member.set_editable_role_ids([3])`, `role1` inherited from the group is unexpectedly assigned directly to the user.
When I modify the code based on the solution and then run the test, it passes successfully.

#2 - 2025-01-17 10:26 - Go MAEDA
- Status changed from New to Confirmed
- Target version set to 5.1.6

#3 - 2025-01-19 08:32 - Go MAEDA
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the fix in [r23449](#). Thank you for your contribution.

#4 - 2025-01-22 03:50 - Go MAEDA
- Status changed from Confirmed to Closed

Merged the fix into the stable branches in [r23456](#) and [r23457](#).

#5 - 2025-04-12 04:22 - Go MAEDA
- Related to Patch #42572: Fix random test failure in `MemberTest#test_update_roles_with_inherited_roles` due to non-deterministic ordering added

Files			
add_test.diff	1.95 KB	2025-01-17	Mizuki ISHIKAWA