### Redmine - Defect #19363

# "User is invalid" error is returned when adding user to group twice

2015-03-12 22:28 - Alex Last

Status:ClosedStart date:Priority:NormalDue date:

Assignee: Jean-Philippe Lang % Done: 0%

Category: REST API Estimated time: 0.00 hour

Target version:

Resolution: Invalid Affected version: 3.0.0

### **Description**

this operation used to be safe (idempotent) for Redmine 2.6.x. now this fails for Redmine 3.0.0.

I am using this test:

https://qithub.com/taskadapter/redmine-java-api/blob/master/src/test/java/com/taskadapter/redmineapi/UserIntegrationTest.java

method addingUserToGroupTwiceDoesNotGiveErrors()

#### History

#### #1 - 2015-03-14 11:07 - Jean-Philippe Lang

- Status changed from New to Closed
- Assignee set to Jean-Philippe Lang
- Resolution set to Invalid

This behaviour (422 response) is present since 2.6.1, there's a test for this: source:/tags/2.6.1/test/integration/api\_test/groups\_test.rb#L192 Before that you'd get a 500 error (see #18665).

#### #2 - 2015-03-14 17:26 - Alex Last

I see I actually tested this with older version before - 2.6.0, not 2.6.2. So I missed that change in 2.6.1. Maybe this REST operation should be idempotent?

## #3 - 2015-03-15 19:34 - Jean-Philippe Lang

Alex Last wrote:

I see I actually tested this with older version before - 2.6.0, not 2.6.2. So I missed that change in 2.6.1.

That was not really a change but a fix, this would trigger a 500 error before 2.6.1

Maybe this REST operation should be idempotent?

POST requests are generally not. The few examples of REST API I was able to find respond with a 409 in this case, maybe we can change it to 409 instead of 422 for when the user already belongs to the group. Also, a 404 should be sent instead of a 422 for when the user does not exist. What do you think?

### #4 - 2015-03-15 19:47 - Alex Last

I don't have a strong preference on 409 vs. 200 response code. but I don't see a harm in making this operation idempotent, so 200 would be more appropriate.

404 error code for non-existing user seems right as long as it is clear in the response what exactly is not found - user or group.

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