Redmine - Defect #19363

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

2015-03-12 22:28 - Alex Last

Status:	Closed		**Start date:**	
Priority:	Normal		**Due 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://github.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.