redmineorg-copy202205 - Vote #70144

Circular relations

2022/05/09 15:40 - Admin Redmine

:	Closed	:	2011/06/15
:		:	
:		:	100%
:	Issues_2	:	0.00
:	1.2.1_35	:	0.00
Redmineorg_URL:	https://www.redmine.org/issues/8616	status_id:	5
category_id:	2	tracker_id:	1
version_id:	35	plus1:	0
issue_org_id:	8616	affected_version:	
author_id:	34603	closed_on:	
assigned_to_id:	1188	affected_version_id:	27
comments:	5		

I think I found a bug in redmine, correct me if I'm wrong.

3 issues: 1, 2, 3

two cases:

1 blocked_by 2,3

2 blocks 1, blocked_by 3
3 blocks 1,2

1 blocks 3, blocked_by 2

2 blocks 1, blocked_by 3
3 blocks 2, blocked_by 1

In second case we have an obvious circular dependency. 1 blocks 3, 3 block 2 and 2 block 2, so we can't close any ticket, but redmine allows me to create this relations.

First case - there isn't any circular relations. My steps in this case:

create all tickets

create relation 1 blocked_by 2

create relation 2 blocked_by 3

create relation 1 blocked_by 3 => get an error

BUT
I'm still allowed to create relation 3 blocks 1, which is equivalent to relation 1 blocked_by 3

ruby 1.8.7 (2010-06-23) patchlevel 299
rails 2.3.11 (using bitnami redmine stack: http://bitnami.org/stack/redmine)

journals

Confirmed on demo site.

Also, after closing one of the 3 issues, its status is still set to New and the new statuses allowed for all of the 3 are the status usually allowed when the issue is closed (and no error message).

Looks like db corruption.

For "2": confirmed and wrote a test for it. It's because reverse relations (such as "blocked by") are reversed to their corresponding relation (in this case "blocks") in a @before_save@ callback, which is called *after* validations. The problem is it seems relations should not be reversed if validations failed, there's a specific test for this (@test_follows_relation_should_not_be_reversed_if_validation_fails@). I'll have a deeper look at it, then at "1" too.

The problem comes from r3191 but there isn't any related ticket. The attached test only ensures relations are not reversed if not valid, without saying why they shouldn't. So I committed a minimal fix in r6124.

The fix is merged for next minor release. I didn't read the 1st case carefully, it should be fixed too. Please re-open if it's not the case, and thanks for reporting.

Indeed, seems fixed, all went fine.

#1 - 2022/05/10 17:18 - Admin Redmine

- *Issues_2*
- *1.2.1_35*