redmine.org-copy202205 - Vote #74501

Issue#update_nested_set_attributes comparing nil with empty string

2022/05/09 17:05 - Admin Redmine

:	Closed	:	2022/05/09
:		:	
:		:	0%
:	Code cleanup/refactoring_30	:	0.00
:	2.4.0_70	:	0.00
Redmineorg_URL:	https://www.redmine.org/issues/15135	status_id:	5
category_id:	30	tracker_id:	1
version_id:	70	plus1:	0
issue_org_id:	15135	affected_version:	
author_id:	86283	closed_on:	
assigned_to_id:	1	affected_version_id:	73
comments:	1		

I had problem with slow issue update. Issue have ~20 subtasks and 1 related issue. Update on that task always ended with timeout error.
It's appears that Issue#update_nested_set_attributes (after_save hook) there is "comparision parent_issue_id != parent_id":
http://www.redmine.org/projects/redmine/repository/entry/branches/2.3-stable/app/models/issue.rb#L1277.
In my case parent_issue_id was nil and parent_id empty string, it's leads to unnecessary code execution.
When I change:

elsif   parent_issue_id   !=   parent_id

to

elsif   parent_issue_id.to_i   !=   parent_id.to_i

update is now 4 times faster.

Ruby: 1.9.3-p429
Rails: 3.2.13
Redmine: 2.3.3

journals

I fixed the root cause in @parent_issue_id=@ rather than the comparaison and added a few tests to make sure that this code is called only when needed (r12226), thanks for pointing this out.

#1 - 2022/05/10 17:12 - Admin Redmine

- *Code cleanup/refactoring_30*

- *2.4.0_70*