Redmine - Defect #7920
Attempted to update a stale object when copying a project
2011-03-18 14:46 - Luis Serrano Aranda

When I try to copy a project 80 tasks, subtasks and relations, versions, Redmine returns this message:

ActiveRecord::StaleObjectError in ProjectsController#copy

Attempted to update a stale object

RAILS_ROOT: /var/www/redmine

Application Trace | Framework Trace | Full Trace
/var/www/redmine/vendor/rails/activerecord/lib/active_record/locking/optimistic.rb:89:in `update_without_dirty'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/dirty.rb:146:in `update_without_timestamps'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/timestamp.rb:64:in `update_without_callbacks'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/base.rb:2874:in `create_or_update_without_callbacks'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/callbacks.rb:250:in `create_or_update'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:229:in `save'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:208:in `rollback_active_record_state!'
Request

Parameters:

"commit": "Copiar",
"only": ["members", "versions", "issue_categories", "issues", "queries", "boards", "wiki"],
"authenticity_token": "NVeCcahXzbXnygJw82iVbZFogwgeNEjkQPpsxWMvF+E=",
"id": "prueba2",
"project": {"name": "prueba4",
"issue_custom_field_ids": ["48", "49", "53", ""],
"custom_field_values": {"44": "Número de albarán EST",
"45": "Número de albarán VAR",
"46": "Ubicación",
"47": "Dirección de la obra",
"50": "Número de albarán SOFT",
"51": "Número de albarán HARD",
"41": "Delegación",
"42": "Número de la obra",
"43": "Número de albarán ROB"},
"tracker_ids": ["2", "1", "3", "5", "6", "7", "8", "9"],
"2020-04-05"}
If I use the same database with aptana and with the debugger and I try to copy the same project redmine don't returns any error...

I think it

Associated revisions

Revision 5283 - 2011-04-01 18:26 - Jean-Philippe Lang

Fixed: bulk destroying parent and child issues raises a stale object error (#7920).

Revision 5285 - 2011-04-01 20:42 - Jean-Philippe Lang

Fixed: deleting a parent issue may lead to a stale object error (#7920).

Revision 8864 - 2012-02-12 20:41 - Jean-Philippe Lang

Prevent ActiveRecord::StaleObjectError in Issue#reschedule_after (#7920).
Revision 12685 - 2014-01-21 07:51 - Toshi MARUYAMA

graft r5285 to awesome_nested_set 2.1.5 (#7920)

Revision 12689 - 2014-01-21 08:55 - Toshi MARUYAMA

graft r5285 to awesome_nested_set 2.1.6 (#7920)

Revision 12733 - 2014-01-27 07:47 - Toshi MARUYAMA

move r12689 awesome_nested_set modification to config/inititalizers/10-patches.rb (#7920)

History
#1 - 2011-03-18 14:47 - Luis Serrano Aranda

I think its a problems of locks and velocity... with aptana redmine works more slow...

Could that be this?

Thanks

#2 - 2011-03-20 22:21 - Jean-Philippe Lang

The method that triggers your error (#reschedule_after_without_earlier_date) is not defined in Redmine core.

#3 - 2011-03-21 08:44 - Luis Serrano Aranda

It's true but without this plugin (better_gantt) redmine also fails

ActiveRecord::StaleObjectError in ProjectsController#copy

Attempted to update a stale object

RAILS_ROOT: /var/www/redmine

Application Trace | Framework Trace | Full Trace
/var/www/redmine/vendor/rails/activerecord/lib/active_record/locking/optimistic.rb:89:in `update_without_dirty'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/dirty.rb:146:in `update_without_timestamps'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/timestamp.rb:64:in `update_without_callbacks'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/base.rb:2874:in `create_or_update_without_callbacks'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/callbacks.rb:250:in `create_or_update'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/base.rb:2538:in `save_without_validation'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/validations.rb:1078:in `save_without_dirty'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/dirty.rb:79:in `save_without_transactions'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:229:in `send'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:229:in `with_transaction_returning_status'
/var/www/redmine/vendor/rails/activerecord/lib/active_record/transactions.rb:182:in `transaction'
Parameters:

{"enabled_modules"=>["issue_tracking",
  "time_tracking",
  "news",
  "documents",
  "files",
  "wiki",
  "boards",
  "calendar",
  "gantt",
  "budget_module",
  "customer_module",
  "redmine_blocks",
  "charts",
  "wiki_extensions",
  "work_time"],
  "commit"=>"Copiar",
  "only"=>["members",
    "versions",
    "issue_categories",
    "issues",
    "queries",
    "boards",
    "wiki"],
  "commit"=>"Copiar",
  "only"=>["members",
    "versions",
    "issue_categories",
    "issues",
    "queries",
    "boards",
    "wiki"]}
So much plugins, did you try with no plugin at all?

Without plugins and a clean installation, redmine return this

ActiveRecord::StaleObjectError in ProjectsController#copy

Attempted to update a stale object

RAILS_ROOT: /home/lserrano/redmine-dev1

/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/locking/optimistic.rb:89:in `update_without_dirty'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/dirty.rb:146:in `update_without_timestamps'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/timestamp.rb:64:in `update_without_callbacks'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/callbacks.rb:282:in `update'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/base.rb:2874:in `create_or_update_without_callbacks'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/callbacks.rb:250:in `create_or_update'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/dirty.rb:79:in `save_without_transactions'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/transactions.rb:228:in `with_transaction_returning_status'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/transactions.rb:196:in `save'
/home/lserrano/redmine-dev1/app/models/issue.rb:500:in `reschedule_after'
/home/lserrano/redmine-dev1/app/models/issuerelation.rb:88:in `set_issue_to_dates'
/home/lserrano/redmine-dev1/app/models/issue.rb:806:in `reschedule_following_issues'
/home/lserrano/redmine-dev1/app/models/issue.rb:805:in `reschedule_following_issues'
/home/lserrano/redmine-dev1/app/models/issuerelation.rb:88:in `set_issue_to_dates'
/home/lserrano/redmine-dev1/app/models/issue.rb:806:in `reschedule_following_issues'
/home/lserrano/redmine-dev1/app/models/issue.rb:805:in `reschedule_following_issues'
/home/lserrano/redmine-dev1/app/models/issuerelation.rb:88:in `set_issue_to_dates'
/home/lserrano/redmine-dev1/app/models/issue.rb:82:in `before_save'
/home/lserrano/redmine-dev1/app/models/project.rb:729:in `copy_issues'
/home/lserrano/redmine-dev1/app/models/project.rb:722:in `copy_issues'
/home/lserrano/redmine-dev1/app/models/project.rb:714:in `copy_issues'
/home/lserrano/redmine-dev1/app/models/project.rb:579:in `send'
/home/lserrano/redmine-dev1/app/models/project.rb:579:in `copy'
/home/lserrano/redmine-dev1/app/models/project.rb:578:in `each'
Parameters:

{"enabled_modules=>["issue_tracking",
  "time_tracking",
  "news",
  "documents",
  "files",
  "wiki",
  "boards",
  "calendar",
  "gantt"],
  "commit"=>"Copiar",
  "only=>["members",
  "versions",
  "issue_categories",
  "issues",
  "queries",
  "boards",
  "wiki",
  "\"]
},

"authenticity_token"=>"zvPtz4xU7a4RKeyfKN1TknbJ4kOIL+9nG0UpsQyG0ls=",
"id"=>"opnotocar",
"project"="Prueba",
"issue_custom_field_ids=>["48",
  "49",
  "53",
  "\"]
,"custom_field_values=>["44=>"Número de albarán EST",
  "45=>"Número de albarán VAR",
  "46=>"Ubicación",
  "47=>"Dirección de la obra",
  "50=>"Número de albarán SOFT",
  "51=>"Número de albarán HARD",
  "41=>"Delegación",
  "42=>"Número de la obra",
  "43=>"Número de albarán ROB",
  "tracker_ids=>["2",
  "1",
  "3",
  "5",
  "6",
  "7",
  "8",
  "9",
  "\"]
},

"parent_id"=>"\"
The problem is in the function def reschedule_after(date)

def reschedule_after(date)
    return if date.nil?
    if leaf?
        if start_date.nil? || start_date < date
            self.start_date, self.due_date = date, date + duration
            # save
        end
    else
        leaves.each do |leaf|
            leaf.reschedule_after(date)
        end
    end
end

Try replacing self.due_date = date with self.due_date = date.dup
I have try it
if start_date.nil? || start_date < date
  self.start_date, self.due_date = date.dup, date + duration
  save
end

but not fails

Attempted to update a stale object
RAILS_ROOT: /home/lserrano/redmine-dev1

Application Trace | Framework Trace | Full Trace
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/locking/optimistic.rb:89:in `update_without_dirty'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/dirty.rb:146:in `update_without_timestamps'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/timestamp.rb:64:in `update_without_callbacks'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/callbacks.rb:282:in `update'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/base.rb:2874:in `create_or_update_without_callbacks'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/callbacks.rb:250:in `create_or_update'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/base.rb:2538:in `save_without_validation'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/callbacks.rb:1078:in `save_without_dirty'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/dirty.rb:79:in `save_without_transactions'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/transactions.rb:229:in `send'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/transactions.rb:229:in `with_transaction_returning_status'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/connection_adapters/abstract/database_statements.rb:136:in `transaction'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/transactions.rb:182:in `transaction'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/transactions.rb:228:in `with_transaction_returning_status'
/home/lserrano/redmine-dev1/vendor/rails/activerecord/lib/active_record/transactions.rb:196:in `save'
/home/lserrano/redmine-dev1/app/models/issue.rb:500:in `reschedule_after'
/home/lserrano/redmine-dev1/app/models/issue_relation.rb:88:in `set_issue_to_dates'
/home/lserrano/redmine-dev1/app/models/issue.rb:806:in `reschedule_following_issues'
/home/lserrano/redmine-dev1/app/models/issue.rb:805:in `reschedule_following_issues'
/home/lserrano/redmine-dev1/app/models/issue.rb:806:in `reschedule_following_issues'
/home/lserrano/redmine-dev1/app/models/issue.rb:805:in `reschedule_following_issues'
/home/lserrano/redmine-dev1/app/models/issue.rb:579:in `send'
/home/lserrano/redmine-dev1/app/models/issue.rb:578:in `each'
/home/lserrano/redmine-dev1/app/models/issue.rb:578:in `copy'
/home/lserrano/redmine-dev1/app/models/project.rb:729:in `copy_issues'
/home/lserrano/redmine-dev1/app/models/project.rb:722:in `copy_issues'
/home/lserrano/redmine-dev1/app/models/project.rb:714:in `copy_issues'
/home/lserrano/redmine-dev1/app/models/project.rb:579:in `send'
/home/lserrano/redmine-dev1/app/models/project.rb:579:in `copy'
/home/lserrano/redmine-dev1/app/models/project.rb:578:in `each'
/home/lserrano/redmine-dev1/app/models/project.rb:578:in `copy'
/home/lserrano/redmine-dev1/app/controllers/projects_controller.rb:121:in `copy'
/home/lserrano/redmine-dev1/app/models/mailer.rb:337:in `with_deliveries'
Request

2020-04-05
Parameters:

{"enabled_modules":["issue_tracking", "time_tracking", "news", "documents", "files", "wiki", "boards", "calendar", "gantt"],
"commit":"Copiar",
"only":["members", "versions", "issue_categories", "issues", "boards", "wiki"],
"id":"opnotocar",
"project":{"name":"Prueba2",
"issue_custom_field_ids":["48", "49", "53"],
"custom_field_values":{"44":"Número de albarán EST",
"45":"Número de albarán VAR",
"46":"Ubicación",
"47":"Dirección de la obra",
"50":"Número de albarán SOFT",
"51":"Número de albarán HARD",
"41":"Delegación",
"42":"Número de la obra",
"43":"Número de albarán ROB"],
"tracker_ids":["2", "1", "3", "5", "6", "7", "8", "9"],
"parent_id"="",
"homepage"="",
"description":"Descripción del proyecto de operaciones",
"is_public"="0",
"identifier":"prueba2",
"enabled_module_names":["issue_tracking", "time_tracking", "news", "documents", "files", "wiki", "boards", "calendar", "gantt"]}
"files",
"wiki",
"boards",
"calendar",
"gantt",
"
}}
Show session dump

Response

Headers:

{"Content-Type"=>"",
"Cache-Control"=>"no-cache"
}

#10 - 2011-03-23 22:48 - Etienne Massip

Make sure you don't have some circular dependencies with issue relations, that is :

   issue1 -> issue2 -> issue1

#11 - 2011-04-01 11:44 - Etienne Massip

- Target version set to Candidate for next minor release

Just hit a very similar issue :

1. following scenario of note 10 in #6320, I got : issue 380 parent of 379 and 381
2. in the issue list, select all the 3 issues and right-click to delete all the 3

Bang !

Processing IssuesController#destroy (for 10.132.21.161 at 2011-04-01 11:32:03) [POST]

Parameters: {"back_url"=>"/projects/psmtxa/issues", "ids"=>["381", "380", "379"], "action"=>"destroy", "authenticity_token"=>"gGV5wcWHWc+93sHWkfbrS79eCHaDFVroRlbO/Rwcl7A="", "controller"=>"issues"}

ActiveRecord::StaleObjectError (Attempted to delete a stale object: Issue):

(eval):4:in `destroy_without_callbacks'
app/controllers/issues_controller.rb:239:in `each'
app/controllers/issues_controller.rb:239:in `destroy'
config/initializers/mongrel.rb:62:in `dispatch_cgi'

Actually, only the 381 has been deleted.

#12 - 2011-04-01 11:50 - Etienne Massip

In my case, the issue is that you can't destroy a parent issue, period.
Etienne Massip wrote:

Just hit a very similar issue:
1. following scenario of note 10 in #6320, I got : issue 380 parent of 379 and 381
2. in the issue list, select all the 3 issues and right-click to delete all the 3

Bang!

Fixed in r5283.

#14 - 2011-04-01 19:32 - Jean-Philippe Lang

Actually, not totally fixed.

#15 - 2011-04-01 20:43 - Jean-Philippe Lang

Finally fixed the error that may occur on deletion in r5285.

#16 - 2011-05-26 09:00 - Luis Serrano Aranda

Even I have the same error and have made modifications r5283 and r5285

#17 - 2011-05-26 09:24 - Luis Serrano Aranda

More news...

I need a copy of this project to use as a template, for error left the project start date in the template, if I delete that date (it is not no date) gives me no error when copying....

I deleted the changes (r5283 and r5285) and still works.

Leave patches or delete?

Thanks

#18 - 2012-02-12 20:43 - Jean-Philippe Lang

- Subject changed from Attempted to update a stale object to Attempted to update a stale object when copying a project
- Status changed from New to Resolved
- Assignee set to Jean-Philippe Lang
- Target version changed from Candidate for next minor release to 1.4.0
- Resolution set to Fixed

I couldn't reproduce but the error on #reschedule_after should be fixed by r8864.
Status changed from Resolved to Closed