Redmine - Defect #18855

User with only Move Issue rights in the project can still create issues using mass copy!

2015-01-15 19:52 - Scott Cunningham

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:	Jean-Philippe Lang	**% Done:**	0%
Category:	Issues permissions	**Estimated time:**	0.00 hour
Target version:	3.0.0		
Resolution:	Fixed	**Affected version:**	2.5.2

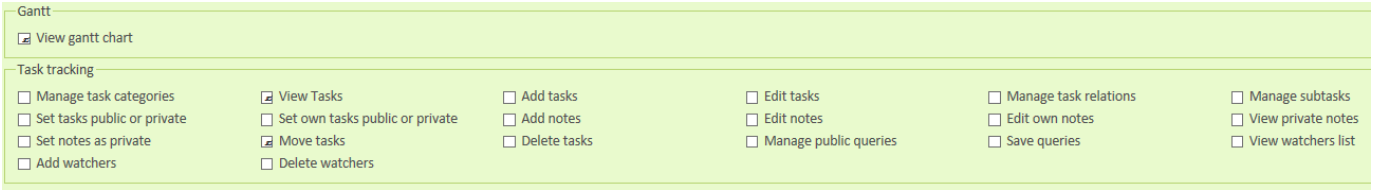
Description

I found this bug when I was trying to use a project with a list of issues as a template for other projects (process flow). I assigned members to custom role "Copy" which only allows viewing and moving issues. If, however, the user does not change the project (i.e. copy into other project), new issues will be created within the existing project where they do not have rights!

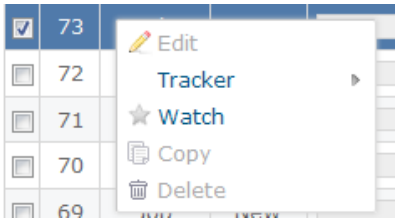
I am running 2.5.2 on a Bitnami stack. I do not have the chance to try 2.6.x at the moment.

Note - we use *task* instead of *issue* in our language file.

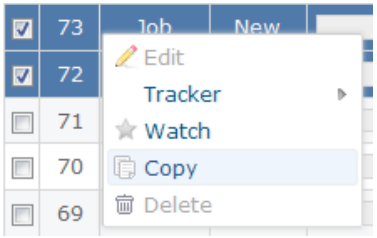
Custom Role Copy settings:



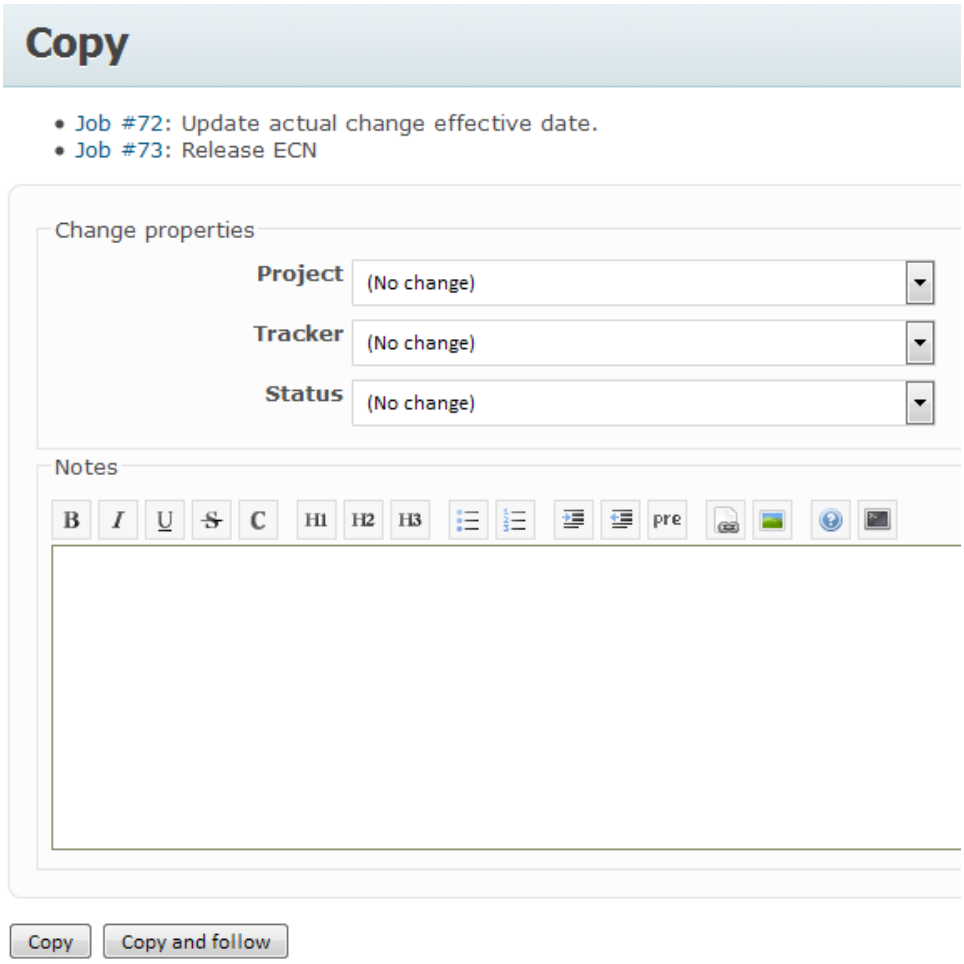
User does not have issue edit rights (correct)



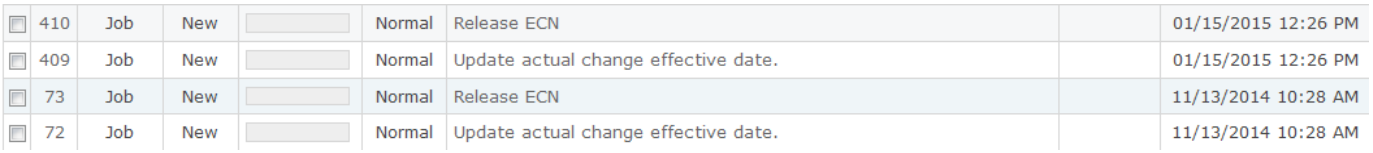
User can copy multiple issues at once (correct)



Copy screenshot



Issues were added to existing project without regard to no Add Issue rights (not correct)



410	Job	New		Normal	Release ECN		01/15/2015 12:26 PM
409	Job	New		Normal	Update actual change effective date.		01/15/2015 12:26 PM
73	Job	New		Normal	Release ECN		11/13/2014 10:28 AM
72	Job	New		Normal	Update actual change effective date.		11/13/2014 10:28 AM

Related issues:

Related to Redmine - Patch #28311: Remove unused i18n key "permission_move_is...	**Closed**

Associated revisions

Revision 13981 - 2015-02-08 11:20 - Jean-Philippe Lang

Removed :move_issues permission (#18855).

This permission was wrongly used to allow bulk issue copy. To prevent user from moving an issue to another project, the project field should now be set to read-only in the workflow permissions. A migration does this automatically for roles that have the edit_issues permission without having the move_issues permission.

Revision 13985 - 2015-02-08 13:07 - Jean-Philippe Lang

Adds a :copy_issues permission (#18855).

When copy is allowed, target projects are those on which the user has the :add_issues permission.

Revision 13986 - 2015-02-08 13:07 - Jean-Philippe Lang

Adds :permission_copy_issues string to locales (#18855).

Revision 13990 - 2015-02-08 16:25 - Jean-Philippe Lang

Fixed the migration for SQLServer (#18855).

History

#1 - 2015-01-15 21:46 - Scott Cunningham

I believe I have tracked down the problem.

Context menu *Copy* calls the bulk_edit function in **issues_controller.rb**:

1. checks if user has *move issue* rights
2. builds an allowed projects list by calling allowed_target_projects_on_move in **issue.rb**:
3. which checks projects for *move* rights, not *add* rights...

So for copy, the program checks for move-out and move-in rights. But move-in rights is really add rights.

I think instead, *move* rights should be checked at source project and then *add* rights at destination project. This should block a user from copying issues into a project where they do not have *add issue* rights.

issues_controller.rb snippet

```
  # Bulk edit/copy a set of issues
  def bulk_edit
    @issues.sort!
    @copy = params[:copy].present?
    @notes = params[:notes]

    if User.current.allowed_to?(:move_issues, @projects)
# <----------- this is correct: can user move/copy in the first place
      @allowed_projects = Issue.allowed_target_projects_on_move
# <-------- i think this is wrong: target projects should only be add rights
      if params[:issue]
        @target_project = @allowed_projects.detect {|p| p.id.to_s == params[:issue][:project_id].to_s}
        if @target_project
          target_projects = [@target_project]
        end
      end
    end
    target_projects ||= @projects
```

#2 - 2015-01-15 22:18 - Scott Cunningham

I made a small patch and destination projects are now only ones with *Add issue* rights.

Unresolved: If the user does not change the project pull down from *(No change)*, then new issues will still be created even when the permissions should not allow it. This is past my knowledge point now.

1. Modify models\issue.rb file:

```
  # Returns a scope of projects that user can move issues to
  def self.allowed_target_projects_on_move(user=User.current)
    Project.where(Project.allowed_to_condition(user, :move_issues))
  end

  # Returns a scope of projects that user can add issues to          # <--- new
  def self.allowed_target_projects_on_copy(user=User.current)        # <--- new
    Project.where(Project.allowed_to_condition(user, :add_issues))   # <--- new
  end                                                                # <--- new
```

2. Modify controllers\issues_controller.rb file:

```
  # Bulk edit/copy a set of issues
  def bulk_edit
    @issues.sort!
    @copy = params[:copy].present?
    @notes = params[:notes]

    if User.current.allowed_to?(:move_issues, @projects)
      #@allowed_projects = Issue.allowed_target_projects_on_move    # <---- comment out
      @allowed_projects = Issue.allowed_target_projects_on_copy     # <---- new line
      if params[:issue]
        @target_project = @allowed_projects.detect {|p| p.id.to_s == params[:issue][:project_id].to_s}
        if @target_project
```

```
          target_projects = [@target_project]
        end
      end
    end
    target_projects ||= @projects
```

#3 - 2015-01-18 21:46 - Jean-Philippe Lang

- Target version set to Candidate for next major release

#4 - 2015-02-08 15:57 - Jean-Philippe Lang

- Status changed from New to Closed

- Assignee set to Jean-Philippe Lang

- Target version changed from Candidate for next major release to 3.0.0

- Resolution set to Fixed

This is now fixed. The :move_issues permission is removed (r13981) and replaced with a :copy_issues permissionn (r13985). When allowed to copy issues, use can copy them to projects on which he has the :add_issues permission.

#5 - 2018-03-14 02:55 - Go MAEDA

- Related to Patch #28311: Remove unused i18n key "permission_move_issues" added

Files

01-role-rights.png	20.7 KB	2015-01-15	Scott Cunningham
02-no-edit-rights.png	7.15 KB	2015-01-15	Scott Cunningham
03-multiple-copy-possible.png	7.84 KB	2015-01-15	Scott Cunningham
04-copy-screen.png	24.6 KB	2015-01-15	Scott Cunningham
05-issues-added-without-rights.png	15.1 KB	2015-01-15	Scott Cunningham