Redmine - Defect #11975

Undefined status transitions allowed in workflow (author of issue changes when selecting a new status)

2012-09-27 22:08 - Brian Lindahl

Status:	Closed	**Start date:**	
Priority:	Urgent	**Due date:**	
Assignee:	Jean-Philippe Lang	**% Done:**	50%
Category:	Issues workflow	**Estimated time:**	0.00 hour
Target version:	2.1.1		
Resolution:	Fixed	**Affected version:**	2.1.0

Description

The modification made back in Revision 5991 allows invalid statuses to be selected by **changing the author**, and, thus, new_statuses_allowed_to returns values that it shouldn't. The author changes and new statuses are allowed **when the form reloads when a user selects a new status**.

Obviously, there still needs to be a solution for [#8472](#), but the fix shouldn't change the author of an issue, thus breaking the transition workflow (and possibly other things).

Fix:

```
diff -rupN redmine-2.1.0/app/controllers/issues_controller.rb redmine-2.1.0-modified/app/controllers/issues_controller.rb
--- redmine-2.1.0/app/controllers/issues_controller.rb      2012-09-16 06:54:12.000000000 -0600
+++ redmine-2.1.0-modified/app/controllers/issues_controller.rb      2012-09-27 13:51:13.012471774 -0600
@@ -393,12 +393,12 @@ private
         end
       end
       @issue.project = @project
+      @issue.author = User.current
     else
       @issue = @project.issues.visible.find(params[:id])
     end

     @issue.project = @project
-    @issue.author = User.current
     # Tracker must be set before custom field values
     @issue.tracker ||= @project.trackers.find((params[:issue] && params[:issue][:tracker_id]) ||
params[:tracker_id] || :first)
     if @issue.tracker.nil?
```

For debugging purposes, I added this code to new_statuses_allowed_to, right before the it returns:

```
      status_names = statuses.collect{|s| s.name + " "}
      Rails.logger.error "*********************************************"
      Rails.logger.error "******** author: #{author.name}"
      Rails.logger.error "******** statuses_allowed: #{status_names}}"
      Rails.logger.error "*********************************************"
```

Before fix:

```
Started GET "/redmine/issues/13" for 10.79.23.119 at Thu Sep 27 13:46:34 -0600 2012
Processing by IssuesController#show as HTML
  Parameters: {"id"=>"13"}
  Current user: development.planner (id=6)
*********************************************
******** author: Reporter 1
******** statuses_allowed: New Assigned Discarded }
*********************************************
```

```
  Rendered issues/_action_menu.html.erb (14.2ms)
  Rendered issue_relations/_form.html.erb (3.8ms)
  Rendered issues/_relations.html.erb (8.4ms)
  Rendered issues/_action_menu.html.erb (4.1ms)
*************************************************
******** author: Reporter 1
******** statuses_allowed: New Assigned Discarded }
*************************************************
  Rendered issues/_form_custom_fields.html.erb (1.6ms)
  Rendered issues/_attributes.html.erb (22.2ms)
  Rendered issues/_form.html.erb (181.1ms)
  Rendered attachments/_form.html.erb (4.0ms)
  Rendered issues/_edit.html.erb (195.0ms)
  Rendered issues/_sidebar.html.erb (8.6ms)
  Rendered issues/show.html.erb within layouts/base (425.0ms)
Completed 200 OK in 2163ms (Views: 592.3ms | ActiveRecord: 37.3ms)
```

The form reloads when selecting the 'Assigned' status, changing the author and allowing the new 'Closed' status, which isn't defined as a valid transition for 'Development Engineer':

```
Started PUT "/redmine/projects/templateproduct/issues/new.js?id=13" for 10.79.23.119 at Thu Sep 27
 13:46:42 -0600 2012
Processing by IssuesController#new as JS
  Parameters: {"last_journal_id"=>"", "notes"=>"", "id"=>"13", "project_id"=>"templateproduct", "a
ttachments"=>{"1"=>{"description"=>""}}, "utf8"=>"â", "authenticity_token"=>"kg1sV89ngub8Zcxts+t5Q
8H05GdmmNCFjAXjn8Pj3lo=", "issue"=>{"status_id"=>"3", "priority_id"=>"2", "fixed_version_id"=>"",
"custom_field_values"=>{"5"=>"", "4"=>""}, "lock_version"=>"0", "description"=>"", "subject"=>"Rep
orter Feature", "category_id"=>"1", "parent_issue_id"=>""}}
  Current user: development.planner (id=6)
*************************************************
******** author: Development Engineer
******** statuses_allowed: New Assigned Discarded Closed }
*************************************************
*************************************************
******** author: Development Engineer
******** statuses_allowed: New Assigned Discarded Closed }
*************************************************
*************************************************
******** author: Development Engineer
******** statuses_allowed: New Assigned Discarded Closed }
*************************************************
*************************************************
******** author: Development Engineer
******** statuses_allowed: New Assigned Discarded Closed }
*************************************************
  Rendered issues/_form_custom_fields.html.erb (1.7ms)
  Rendered issues/_attributes.html.erb (39.9ms)
  Rendered issues/_form.html.erb (44.5ms)
  Rendered issues/_update_form.js.erb (46.6ms)
Completed 200 OK in 256ms (Views: 176.9ms | ActiveRecord: 6.4ms)
```

After fix:

```
Started GET "/redmine/issues/13" for 10.79.23.119 at Thu Sep 27 13:44:24 -0600 2012
Processing by IssuesController#show as HTML
  Parameters: {"id"=>"13"}
  Current user: development.planner (id=6)
*************************************************
******** author: Reporter 1
******** statuses_allowed: New Assigned Discarded }
*************************************************
  Rendered issues/_action_menu.html.erb (15.7ms)
  Rendered issue_relations/_form.html.erb (4.5ms)
  Rendered issues/_relations.html.erb (9.0ms)
  Rendered issues/_action_menu.html.erb (4.1ms)
*************************************************
******** author: Reporter 1
```

```
******** statuses_allowed: New Assigned Discarded }
************************************************
  Rendered issues/_form_custom_fields.html.erb (2.1ms)
  Rendered issues/_attributes.html.erb (22.9ms)
  Rendered issues/_form.html.erb (192.9ms)
  Rendered attachments/_form.html.erb (4.3ms)
  Rendered issues/_edit.html.erb (207.0ms)
  Rendered issues/_sidebar.html.erb (8.7ms)
  Rendered issues/show.html.erb within layouts/base (455.0ms)
Completed 200 OK in 2295ms (Views: 635.5ms | ActiveRecord: 49.3ms)
```

The form reloads when selecting the 'Assigned' status, and does *NOT change the author and allow the 'Closed' status: *

```
Started PUT "/redmine/projects/templateproduct/issues/new.js?id=13" for 10.79.23.119 at Thu Sep 27
 13:44:42 -0600 2012
Processing by IssuesController#new as JS
  Parameters: {"last_journal_id"=>"", "utf8"=>"â", "issue"=>{"priority_id"=>"2", "category_id"=>"1
", "subject"=>"Reporter Feature", "description"=>"", "parent_issue_id"=>"", "status_id"=>"3", "fix
ed_version_id"=>"", "lock_version"=>"0", "custom_field_values"=>{"5"=>"", "4"=>""}}, "authenticity
_token"=>"kg1sV89ngub8Zcxts+t5Q8H05GdmmNCFjAXjn8Pj3lo=", "notes"=>"", "project_id"=>"templateprodu
ct", "attachments"=>{"1"=>{"description"=>""}}, "id"=>"13"}
  Current user: development.planner (id=6)
************************************************
******** author: Reporter 1
******** statuses_allowed: New Assigned Discarded }
************************************************
************************************************
******** author: Reporter 1
******** statuses_allowed: New Assigned Discarded }
************************************************
************************************************
******** author: Reporter 1
******** statuses_allowed: New Assigned Discarded }
************************************************
************************************************
******** author: Reporter 1
******** statuses_allowed: New Assigned Discarded }
************************************************
  Rendered issues/_form_custom_fields.html.erb (2.5ms)
  Rendered issues/_attributes.html.erb (49.6ms)
  Rendered issues/_form.html.erb (54.6ms)
  Rendered issues/_update_form.js.erb (57.6ms)
Completed 200 OK in 321ms (Views: 57.2ms | ActiveRecord: 6.7ms)
```

Associated revisions

Revision 10494 - 2012-09-28 00:12 - Jean-Philippe Lang

Fixed that issue author is assigned with current user when the edit form is updated (#11975).

History

#1 - 2012-09-27 22:12 - Brian Lindahl

Note that I wasn't able to reproduce #8472. It's likely that the root cause of #8472 was resolved in later Redmine versions (post-1.2.0), and that the fix performed in Revision 5991 is no longer necessary.

However, if the fix is still necessary, one possible solution to fix both problems could be (only speculation, since I can't reproduce #8472):

```
diff -rupN redmine-2.1.0/app/controllers/issues_controller.rb redmine-2.1.0-modified/app/controllers/issues_co
ntroller.rb
--- redmine-2.1.0/app/controllers/issues_controller.rb       2012-09-16 06:54:12.000000000 -0600
+++ redmine-2.1.0-modified/app/controllers/issues_controller.rb       2012-09-27 14:10:33.108460711 -0600
@@ -398,7 +398,7 @@ private
     end

     @issue.project = @project
-    @issue.author = User.current
+    @issue.author ||= User.current
```

```
    # Tracker must be set before custom field values
    @issue.tracker ||= @project.trackers.find((params[:issue] && params[:issue][:tracker_id]) || params[:trac
ker_id] || :first)
    if @issue.tracker.nil?
```

#2 - 2012-09-27 22:23 - Brian Lindahl

Also, in my example, the only people who can perform Discarded -> Closed are the authors of the issue. Thus, the 'Development Engineer' should not be able to perform this transition. Only when the author is inappropriately changed, is this transition allowed.

#3 - 2012-09-28 00:12 - Jean-Philippe Lang

- Status changed from New to Resolved

- Target version set to 2.1.1

- Resolution set to Fixed

Fixed in [r10494](r10494) with a test, thanks for pointing this out.

#4 - 2012-09-29 18:31 - Jean-Philippe Lang

- Status changed from Resolved to Closed

Merged into 2.1-stable.

Files

before.JPG	15.5 KB	2012-09-27	Brian Lindahl
after.JPG	15.9 KB	2012-09-27	Brian Lindahl