Redmine - Patch #5894

Allow bulk status change

2010-07-16 12:30 - Peter Höpfl

Status:	Closed		**Start date:**	2010-07-16
Priority:	Normal		**Due date:**	
Assignee:	Jean-Philippe Lang		**% Done:**	0%
Category:	Issues		**Estimated time:**	0.00 hour
Target version:				

Description

We run a big Redmine installation with more than 20000 tickets. What we are missing is the ability to change the status of several issues (especially closing issues) at once.

For Redmine version 0.9.4 I made a patch that makes this possible and now I would like to contribute this patch to all Redmine users.
Unfortunately I have no svn access to provide an official patch file. Also I don't know if my code (first Ruby code) is ok.

Here is what i did:

```
File app/controllers/issues_controller.rb, Line 412ff:

Old:
  def context_menu
    @issues = Issue.find_all_by_id(params[:ids], :include => :project)
    if (@issues.size == 1)
      @issue = @issues.first
      @allowed_statuses = @issue.new_statuses_allowed_to(User.current)
    end
    projects = @issues.collect(&:project).compact.uniq
    @project = projects.first if projects.size == 1

    @can = {:edit => (@project && User.current.allowed_to?(:edit_issues, @project)),

New:

  def context_menu
    @issues = Issue.find_all_by_id(params[:ids], :include => :project)
    if (@issues.size == 1)
      @issue = @issues.first
      @allowed_statuses = @issue.new_statuses_allowed_to(User.current)
    end
    projects = @issues.collect(&:project).compact.uniq
    @project = projects.first if projects.size == 1

#Patch HOE for context menue
    if (projects.size == 1)
      @issue = @issues.first
      @allowed_statuses = @issue.new_statuses_allowed_to(User.current)
    end
#End Patch HOE for context menue

    @can = {:edit => (@project && User.current.allowed_to?(:edit_issues, @project)),

File app/views/issues/context_menu.rhtml, Line 10ff:

Old:
                <% @statuses.each do |s| -%>
                    <li><%= context_menu_link s.name, {:controller => 'issues', :action => 'edit',
 :id => @issue, :issue => {:status_id => s}, :back_url => @back}, :method => :post,
                                               :selected => (s == @issue.status), :disabled => !(@c
an[:update] && @allowed_statuses.include?(s)) %></li>
                <% end -%>
```

```
New:

                <% @statuses.each do |s| -%>
                    <li><%= context_menu_link s.name, {:controller => 'issues', :action => 'bulk_e
dit', :ids => @issues.collect(&:id), 'status_id' => s, :back_url => @back}, :method => :post,
                                        :selected => (s == @issue.status), :disabled => !(@c
an[:update] && @allowed_statuses.include?(s)) %></li>
                <% end -%>
```

It would be great if you would integrate this code into Redmine.

Thanks,

Peter

Related issues:

Related to Redmine - Defect #5892: Changing status from contextual menu opens...	**Closed**	**2010-07-16**

History

#1 - 2010-07-18 03:03 - Mischa The Evil

- Tracker changed from Feature to Patch

- Category set to Issues

Fixed and corrected:

- Tracker
- Description
- Category

Changed issue-relations:

- added; "related to" [#5892](#5892)

#2 - 2010-07-25 12:33 - Felix Schäfer

- Status changed from New to Closed

Peter, from what a quick can gather I think your problem was related to not being able to use the context menu to change the status, correct? This has been corrected for [#5892](#5892) and is in current trunk and 1.0-stable.

#3 - 2010-07-26 10:34 - Peter Höpfl

- Status changed from Closed to Reopened

Hello Felix,

no, Ticket [#5892](#5892) is only one half of my suggested patch:
Ticket [#5892](#5892) enables the user to change the status as a bulk action.

But my patch in the app/controllers/issues_controller.rb at last makes it possible to change the status of MORE THAN ONE ticket at once.

The logic in the issues_controller is like this:
First there is a check if only one issue is selected. Only if that is the case the context menu for status changes is enabled.
But that also means that if you select more than one ticket the option to change the status of several tickets at once is gone!
My patch in the controller changes the behavior:
It checks if all selected issues belong to the same project – in that case the permission check is the same as for one ticket – and if yes and the user has correct permissions it enables the status change feature by setting the variable @issue to the first select issue.

@issue is later the precondition to show the status change menu entry in the context_menu and the change in [#5892](#5892) makes the bulk action itself correctly executed.

I see no reason why one should not be allowed to change the status of <n> tickets in one project at once...

#4 - 2010-07-26 10:53 - Felix Schäfer

- Subject changed from Allow bulk actions for issues in one project, especially status changes to Allow bulk status change

- Assignee set to Jean-Philippe Lang

Peter: could you post your proposed changes as a diff (diff -u original_file modified_file for example, or svn diff or svn diff some_file if you have checked out redmine from svn), they're much more readable, thanks. Also, I just had a closer look at the patch and it will show the allowed statuses for the first issue in the list, but suppose you select issues from 2 different trackers, say a Bug and a Patch, and the roles you have allow you to close Bugs but not Patches, then the menu will show you the Closed status (if the first issue is a Bug) although you can't close patches.

JPLang: As it was your code limiting the status changes, I'll let you tackle this one.

Regarding the limitation to only one project: I don't think it's necessary as long as you collect the allowed statuses for each issue and make the intersection of those, that way you'd end up with statuses the user can reach for every issue.

#5 - 2010-07-26 13:16 - Peter Höpfl

Alright, my patch is definitly not usable as a final solution:
I forgot the fact that also within one project issues for different trackers with different rights can exist.
I simply took the first issue, checked the user rights and then allowed the bulk change (that works in our installation, because we have identical rights for all trackers in one project).

JPLang: Maybe you know a way to collect the allowed statuses for all selected issues and provide a patch that solves this better than my approach...

#6 - 2011-01-13 21:52 - Cyber Sprocket

Users that are logged in as administrator should be allowed to ALWAYS bulk upload status codes.

As an admin I can see tasks but then I cannot edit them unless I go into the project and add myself as a member. That adds extra work when trying to clean up tasks or organize projects.

#7 - 2013-04-10 17:53 - Filou Centrinov

It's fixed, isn't it?
[Peter Demais](#) Höpfl: Please upgrade your Redmine to use this function.

#8 - 2013-04-11 09:48 - Peter Höpfl

Yes, it is fixed. We already use the updated version.
So please close this ticket.

#9 - 2013-04-11 10:08 - Toshi MARUYAMA

- Status changed from Reopened to Closed

Peter Höpfl wrote:

> Yes, it is fixed. We already use the updated version.
> So please close this ticket.

Thank you for your feedback.