Description

Allow a Roadmap view, without any related issues, when at least one tracker is configured by a Redmine Administrator as to show its issues by default on the roadmap.

Introduction

I noticed some unexpected behaviour in the roadmap view a while ago which I already discussed over IRC with Eric Davis. Here follows an extraction.

Discussion

Mischa The Evil wrote:

When I deselect all trackers I expect to receive a roadmap view showing all versions without any related issues. Instead, I receive the roadmap with the related issues in the trackers that are selected by the Redmine Administrator as to be shown on the roadmap by default.

This is due to the fact that when I deselect all trackers no .tracker_ids params are passed to the VersionsController hence @selected_tracker_ids = (default_trackers || selectable_trackers).collect { |t| t.id.to_s } becomes assigned.

If the url is manually crafted into something like "/roadmap?tracker_ids%5B%5D=none" (notice the explicit none-value) the expected roadmap view is rendered though.

There doesn't seem to be any hidden fields for none that are selected. It seems rather caused by the retrieve_selected_tracker_ids method in the VersionsController (source:/trunk/app/controllers/versions_controller.rb#L147), which checks if any tracker_ids -params are in the URL and because I deselected all trackers there aren't any.

class VersionsController < ApplicationController
  ...
  def index
    @trackers = @project.trackers.find(:all, :order => 'position')
    retrieve_selected_tracker_ids(@trackers, @trackers.select{|t| t.is_in_roadmap?})
  end
  ...
  ...
  private
    def retrieve_selected_tracker_ids(selectable_trackers, default_trackers=nil)
      if ids = params[:tracker_ids]
        @selected_tracker_ids = (ids.is_a? Array) ? ids.collect { |id| id.to_i.to_s } : ids.split(';').collect { |id| id.to_i.to_s }
      else
        @selected_tracker_ids = (default_trackers || selectable_trackers).collect { |t| t.id.to_s }
      end
      end
    end
  end
end
Eric Davis wrote:

If you unselect everything, I would think it would return nothing and not the default.

Mischa The Evil wrote:

Redmine returns the default there because of a specific setting for each of the trackers to show the tracker in the roadmap whether or not. It's code from the time we also had the separate changelog view\(^2\).

Eric Davis wrote:

Hmm...

Mischa The Evil wrote:

Indeed, my reaction was the same at first. I was so far able to trace the issue back to the `retrieve_selected_tracker_ids` method in the `VersionsController`.

Eric Davis wrote:

What do you think we should do?

Mischa The Evil wrote:

I can't tell (yet). Especially since it's acceptable that an admin configures all the trackers to be not shown on the roadmap by default. Thus I conclude up to now that Redmine can't rely on the existence of the `tracker_ids-param` in the URL if we want to be able to receive the expected none setting... :S

I'll add it as a feature request on Redmine to accept an explicit none-setting for the selected_trackers on the roadmap.

Footnotes

1 See [[RedmineIssueTrackingSetup#Trackers]].

2 The following graph shows the trace to this assignment. I took it from a full HTML-export from FreeMind (which I attach also as attachment:retrieve_selected_tracker_ids-FreeMind_html_export.zip).

3 This view is removed by JPL in r3162 which relates to issue #2972.

Related issues:

| Related to Redmine - Feature # 2972: Improve Changelog feature (separate tab ... | Closed | 2009-03-15 |
| Related to Redmine - Feature # 32278: Display Global Roadmap without any tracker | New | |

Associated revisions

Revision 21204 - 2021-09-04 03:43 - Go MAEDA

Allow Roadmap view without any related issues (#6432).

Patch by Mischa The Evil.

Revision 21482 - 2022-03-20 23:16 - Marius BALTEANU

Fix that `tracker_ids[]` field is rendered multiple time. Add some assertions to test_index (#6432).
Remove system test (#6432).

**History**

**#1 - 2012-08-03 15:50 - Jan Niggemann (redmine.org team member)**

Just for those wondering, this is still present in 1.4.3, although it's no big deal for us...

**#2 - 2019-10-27 11:42 - Mischa The Evil**

- Related to Feature #32278: Display Global Roadmap without any tracker added

**#3 - 2021-08-23 21:22 - Mischa The Evil**

I just noticed this issue again. I haven't tested this thoroughly but the following patch should do the trick:

```erb
<% @trackers.each do |tracker|%>
<li/>
+<%= hidden_field_tag "tracker_ids][]", nil, :id => nil %>
<%= check_box_tag("tracker_ids][]", tracker.id, (@selected_tracker_ids.include? tracker.id.to_s),
```

**#4 - 2021-08-24 06:48 - Mischa The Evil**

- File 0001-Allow-Roadmap-view-without-showing-any-related-issue.patch added

Here's a proper patch file, produced by `git format-patch`, against trunk @ r21200. It includes the diff I posted above and a crude and rudimentary, but functioning system test.

**#5 - 2021-08-24 07:37 - Go MAEDA**

- Target version set to Candidate for next minor release

**#6 - 2021-08-24 07:50 - Go MAEDA**

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

**#7 - 2021-08-27 16:55 - Go MAEDA**

- Target version changed from Candidate for next major release to 5.0.0
The patched behavior is more natural than the current behavior. To me, this is rather a "Defect" than a "Feature".

Setting the target version to 5.0.0.

#8 - 2021-09-04 03:44 - Go MAEDA
- Status changed from New to Closed
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the patch. Thank you for your contribution.

#9 - 2021-09-04 11:45 - Marius BALTEANU
- Status changed from Closed to Reopened

Mischa, Go, why did you choose a system test for this case? A functional test should be enough to cover this.

#10 - 2022-03-20 23:20 - Marius BALTEANU
- Status changed from Reopened to Closed

I made some changes:
- fixed that hidden tag is render multiple
- added assertions to existing test
- remove the system test.

#11 - 2022-03-20 23:20 - Marius BALTEANU
- Subject changed from Allow Roadmap view without any related issues to Allow unchecking all trackers in Roadmap view sidebar

Files

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<td>retrieve_selected_tracker_ids.png</td>
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