### Extensive subject

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:

```ruby
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.
```

```ruby
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
```

2020-06-14
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 seperate changelog view.*

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 upto now that Redmine can't rely on the existance of the tracker_ids-param in the URL if we want to be able to recieve 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).

### 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*

### 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

### Files

- With information: retrieve_selected_tracker_ids.png 26.4 KB 2010-09-19 Mischa The Evil