

Redmine - Feature #42589

Optimize watchers list rendering by eager loading email addresses

2025-04-16 09:23 - Go MAEDA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Performance	Estimated time:	0.00 hour
Target version:	6.1.0		
Resolution:	Fixed		
Description			
When the "Use Gravatar user icons" setting is enabled, viewing an issue causes one query per watcher to load their email address. This patch reduces the number of database queries by eager loading email_address for the watcher users.			

Associated revisions

Revision 23722 - 2025-04-27 10:27 - Go MAEDA

Optimize watchers list rendering by eager loading email addresses (#42589).

Patch by Go MAEDA (user:maeda).

History

#1 - 2025-04-17 07:44 - Go MAEDA

- Target version changed from Candidate for next major release to 5.1.8

Setting the target version to 5.1.8.

#2 - 2025-04-18 09:55 - Go MAEDA

- Target version deleted (5.1.8)

The patch causes an error when the watcher list contains a group.

```
ActionView::Template::Error (Association named 'email_address' was not found on Group; perhaps you misspelled it?):
```

```
Causes:
ActiveRecord::AssociationNotFoundError (Association named 'email_address' was not found on Group; perhaps you misspelled it?)
11: <% if User.current.allowed_to?(:"view_#{watched_klass_name}_watchers", watched.project) %>
12: <h3><%= l(:"label_#{watched_klass_name}_watchers") %> (<%= watched.watcher_users.size %>)</h3>
13:
14: <%= watchers_list(watched) %>
15: <% else %>
16: <h3><%= l(:"label_#{watched_klass_name}_watchers") %></h3>
17: <% end %>
```

```
app/helpers/watchers_helper.rb:53:in 'Enumerable#collect'
app/helpers/watchers_helper.rb:53:in 'WatchersHelper#watchers_list'
app/views/watchers/_watchers.html.erb:14
app/views/issues/show.html.erb:147
app/views/issues/show.html.erb:141
app/controllers/issues_controller.rb:125:in 'block (2 levels) in IssuesController#show'
app/controllers/issues_controller.rb:112:in 'IssuesController#show'
lib/redmine/sudo_mode.rb:78:in 'Redmine::SudoMode::Controller#sudo_mode'
```

#3 - 2025-04-22 11:52 - Go MAEDA

- File optimize-watchers_list-v2.patch added

- Target version set to Candidate for next major release

I have updated the patch to fix the error. The group now also has an 'email_address' association, which always returns nil.

#4 - 2025-04-23 02:52 - Go MAEDA

- Target version changed from Candidate for next major release to 6.1.0

Setting the target version to 6.1.0.

#5 - 2025-04-27 10:27 - Go MAEDA

- Status changed from New to Closed
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the patch in [r23722](#).

Files

optimize-watchers_list.patch	761 Bytes	2025-04-16	Go MAEDA
optimize-watchers_list-v2.patch	1.86 KB	2025-04-22	Go MAEDA