

Redmine - Patch #42555

Adds the Bullet gem to detect query problems such as N+1 and improve performance

2025-04-09 16:31 - Katsuya HIDAKA

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		
<div>Description</div> <p>This patch adds and enables the Bullet gem in the development environment. Bullet helps Redmine developers detect query problems such as N+1, making it easier to improve application performance during development.</p> <p>For example, the following Rails log is shown when viewing an issue in development:</p> <pre>... ↳ lib/redmine/preparation.rb:383:in `block (2 levels) in prepare' Rendered layout layouts/base.html.erb (Duration: 1414.4ms GC: 251.1ms) Completed 200 OK in 2320ms (Views: 1377.8ms ActiveRecord: 81.2ms (102 queries, 16 cached) GC: 307.1ms) user: developer GET /issues/1 USE eager loading detected Journal => [:updated_by] Add to your query: .includes(:updated_by) Call stack /redmine/app/models/issue.rb:919:in `visible_journals_with_index' /redmine/app/controllers/issues_controller.rb:97:in `show' /redmine/lib/redmine/sudo_mode.rb:78:in `sudo_mode' user: developer GET /issues/1 AVOID eager loading detected User => [:email_address] Remove from your query: .includes(:email_address) Call stack /redmine/app/models/issue.rb:919:in `visible_journals_with_index' /redmine/app/controllers/issues_controller.rb:97:in `show' /redmine/lib/redmine/sudo_mode.rb:78:in `sudo_mode'</pre>			

Associated revisions

Revision 23621 - 2025-04-10 13:05 - Go MAEDA

Adds the Bullet gem to detect query problems such as N+1 and improve performance (#42555).

Patch by Katsuya HIDAKA (user:hidakatsuya).

History

#1 - 2025-04-10 09:14 - Go MAEDA

- Category set to Performance
- Target version set to 6.1.0

Setting the target version to 6.1.0.

#2 - 2025-04-10 13:11 - Go MAEDA

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

Committed the patch in [r23621](#) with slight changes:

- Removed the version specification for the bullet gem. Since it isn't used in production mode, using the latest version should be fine.
- Added Bullet.skip_user_in_notification = true to exclude the OS user from notifications.

Thank you for your contribution.

Files

0001-Adds-the-Bullet-gem-to-detect-query-problems-such-as-N-1-and-improves-performance-2025-04-09	Katsuya HIDAHA
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