

## Redmine - Defect #40528

### Hangs when requesting after code changes in development mode

2024-04-05 09:35 - Katsuya HIDAHA

<b>Status:</b>	Confirmed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	
<b>Resolution:</b>			

#### Description

When running the rails server in development mode, it may hang when requesting after code changes.

#### Reproduction Steps

1. Check out trunk ([r22777](#)) and start the rails server in development mode.
2. Log in to Redmine.
3. Make changes to some code and reload the Redmine page.
  - Reproduction may occur simply by adding comments or executing the touch command.

#### Expected Behavior

The request succeeds, and the page transition is successful.

#### Actual Behavior

Requests frequently hang, and the page transition does not occur, remaining in a loading state.

The rails server logs in this state are as follows:

```
Started GET "/issues" for ::1 at 2024-04-05 10:59:49 +0900
```

In this state, it is not possible to stop the server with Ctl+C (SIGTERM). It is necessary to stop it each time with SIGKILL (kill -9).

#### Environment

##### Environment:

```
Redmine version      5.1.2.devel
Ruby version         3.3.0-p0 (2023-12-25) [aarch64-linux]
Rails version        7.1.2
Environment          development
Database adapter     SQLite
Mailer queue         ActiveJob::QueueAdapters::AsyncAdapter
Mailer delivery      smtp
```

##### Redmine settings:

```
Redmine theme       Default
```

##### SCM:

```
Subversion          1.14.2
Mercurial            6.3.2
Cvs                  1.12.13
Bazaar               3.3.2
Git                  2.39.2
Filesystem
```

##### Redmine plugins:

```
no plugin installed
```

The issue was confirmed on the following operating systems:

- macOS 14.4.1 (Apple M2)
- Ubuntu 23.10

## Investigation

- This issue also reproduces with Ruby 3.3.0.
- The issue might have started occurring after the update to Rails 7.1 ([r22488](#)). At least in my environment, it hasn't reproduced so far with the previous revision [r22487](#).
- The issue does not reproduce when starting Puma with a single thread (the default thread count is 5):

```
PUMA_MIN_THREADS=1 PUMA_MAX_THREADS=1 bin/rails s
```

- Referring to the contents of the [Puma project's issue](#), I conducted an investigation using the `ActionDispatch::DebugLocks` middleware. As a result, I observed logs similar to [this comment](#).

## History

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### #1 - 2024-04-05 09:50 - Katsuya HIDAKA

Investigation

This issue also reproduces with Ruby 3.3.0.

Sorry, the above "Ruby 3.3.0" is incorrect. The correct version is "Ruby 3.2.3."

### #2 - 2024-04-07 06:09 - Go MAEDA

- Status changed from New to Confirmed