Redmine - Feature #42008

Expose default Rails health check endpoint "/up" for load balancers and uptime monitoring

2024-12-17 15:27 - Lorenz Schori

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	Go MAEDA		**% Done:**	0%
Category:	Administration		**Estimated time:**	0.00 hour
Target version:	6.0.4			
Resolution:	Fixed			

Description

There is a default health check controller available since rails 7.1 ([PR](#)).

Newly generated rails apps automatically expose this at the /up route ([routes.rb.tt](#)). Add this to redmine routes.rb as well.

Exposing a dedicated health check route makes deployments in containers and behind load balancers more robust and simplifies service monitoring.

Associated revisions

Revision 23487 - 2025-02-04 10:40 - Go MAEDA

Expose default Rails health check endpoint "/up" for load balancers and uptime monitoring (#42008).

Patch by Lorenz Schori (user:znerol).

Revision 23488 - 2025-02-04 10:54 - Go MAEDA

Fix RuboCop Style/HashSyntax (#42008).

Revision 23490 - 2025-02-06 01:48 - Go MAEDA

Merged r23487 and r23488 from trunk to 6.0-stable (#42008).

History

#1 - 2024-12-18 01:23 - Go MAEDA

- Category set to Administration

- Target version set to Candidate for next major release

#2 - 2025-02-01 08:20 - Go MAEDA

- Target version changed from Candidate for next major release to 6.0.4

Setting the target version to 6.0.4.

#3 - 2025-02-02 08:11 - Go MAEDA

- Subject changed from Expose default rails health check to Expose default Rails health check endpoint "/up" for load balancers and uptime monitoring

#4 - 2025-02-04 10:41 - Go MAEDA

- Status changed from New to Resolved

- Assignee set to Go MAEDA

- Resolution set to Fixed

Committed the patch in [r23487](#).
Thank you for your contribution.

#5 - 2025-02-06 01:48 - Go MAEDA

- Status changed from Resolved to Closed

Merged the change into the 6.0-stable branch in [r23490](#).

#6 - 2025-03-20 00:20 - Turnip Zoink

[Lorenz Breu](#) is there some way to silence the logs?

Every 10 seconds its 3 extra lines

```
|   I, [2025-03-19T22:19:49.434437 #1]  INFO -- : [29b001e9-fc72-4550-bdd2-748e155de0ea] Started HEAD "/up" fo
r 127.0.0.1 at 2025-03-19 22:19:49 +0000
                                       |
|   I, [2025-03-19T22:19:49.435432 #1]  INFO -- : [29b001e9-fc72-4550-bdd2-748e155de0ea] Processing by Rails::
HealthController#show as */*
                                       |
|   I, [2025-03-19T22:19:49.436235 #1]  INFO -- : [29b001e9-fc72-4550-bdd2-748e155de0ea] Completed 200 OK in 1
ms (Views: 0.3ms | ActiveRecord: 0.0ms (0 queries, 0 cached) | GC: 0.0ms)
|   I, [2025-03-19T22:19:59.509741 #1]  INFO -- : [20473365-09e2-4e80-9074-03c525c8f6ce] Started HEAD "/up" fo
r 127.0.0.1 at 2025-03-19 22:19:59 +0000
                                       |
|   I, [2025-03-19T22:19:59.510972 #1]  INFO -- : [20473365-09e2-4e80-9074-03c525c8f6ce] Processing by Rails::
HealthController#show as */*
                                       |
|   I, [2025-03-19T22:19:59.512125 #1]  INFO -- : [20473365-09e2-4e80-9074-03c525c8f6ce] Completed 200 OK in 1
ms (Views: 0.4ms | ActiveRecord: 0.0ms (0 queries, 0 cached) | GC: 0.0ms)
                                       |
|   I, [2025-03-19T22:20:09.589080 #1]  INFO -- : [6470de22-e067-4b72-96ba-f6c7bacc9fd0] Started HEAD "/up" fo
r 127.0.0.1 at 2025-03-19 22:20:09 +0000
                                       |
|   I, [2025-03-19T22:20:09.590081 #1]  INFO -- : [6470de22-e067-4b72-96ba-f6c7bacc9fd0] Processing by Rails::
HealthController#show as */*
                                       |
|   I, [2025-03-19T22:20:09.590881 #1]  INFO -- : [6470de22-e067-4b72-96ba-f6c7bacc9fd0] Completed 200 OK in 1
ms (Views: 0.3ms | ActiveRecord: 0.0ms (0 queries, 0 cached) | GC: 0.0ms)
                                       |
|   I, [2025-03-19T22:20:19.665771 #1]  INFO -- : [2b8759ba-54fa-4bea-96c1-6fbe7b29b1c7] Started HEAD "/up" fo
r 127.0.0.1 at 2025-03-19 22:20:19 +0000
                                       |
|   I, [2025-03-19T22:20:19.667103 #1]  INFO -- : [2b8759ba-54fa-4bea-96c1-6fbe7b29b1c7] Processing by Rails::
HealthController#show as */*
                                       |
|   I, [2025-03-19T22:20:19.668246 #1]  INFO -- : [2b8759ba-54fa-4bea-96c1-6fbe7b29b1c7] Completed 200 OK in 1
ms (Views: 0.4ms | ActiveRecord: 0.0ms (0 queries, 0 cached) | GC: 0.0ms)
                                       |
|   I, [2025-03-19T22:20:29.746049 #1]  INFO -- : [8c019b39-2d7a-4efc-885d-9ebe952c2c83] Started HEAD "/up" fo
r 127.0.0.1 at 2025-03-19 22:20:29 +0000
                                       |
|   I, [2025-03-19T22:20:29.746955 #1]  INFO -- : [8c019b39-2d7a-4efc-885d-9ebe952c2c83] Processing by Rails::
HealthController#show as */*
                                       |
|   I, [2025-03-19T22:20:29.747738 #1]  INFO -- : [8c019b39-2d7a-4efc-885d-9ebe952c2c83] Completed 200 OK in 1
ms (Views: 0.3ms | ActiveRecord: 0.0ms (0 queries, 0 cached) | GC: 0.0ms)
                                       |
|   I, [2025-03-19T22:20:39.823671 #1]  INFO -- : [d2579f09-c949-4956-9cbc-cb50f40c3065] Started HEAD "/up" fo
r 127.0.0.1 at 2025-03-19 22:20:39 +0000
                                       |
|   I, [2025-03-19T22:20:39.824705 #1]  INFO -- : [d2579f09-c949-4956-9cbc-cb50f40c3065] Processing by Rails::
HealthController#show as */*
                                       |
|   I, [2025-03-19T22:20:39.825525 #1]  INFO -- : [d2579f09-c949-4956-9cbc-cb50f40c3065] Completed 200 OK in 1
ms (Views: 0.3ms | ActiveRecord: 0.0ms (0 queries, 0 cached) | GC: 0.0ms)
```

I tried mounting

```
# app/controllers/rails/health_controller.rb
module Rails
  class HealthController < ActionController::Base
    def show
      puts "Custom HealthController is being used!" # Debug statement
      head :ok
    end

    # Silence logging for this action
    def log_process_action(payload)
      # Do nothing to prevent logging
```

```
      end
    end
end
```

and although I see the debug statement in the logs, the logs still show.

Then I tried disabling all logs

```
# app/controllers/rails/health_controller.rb
module Rails
  class HealthController < ActionController::Base
    def show
      # Silence all logs for this action
      Rails.logger.silence do
        head :ok
      end
    end
  end
end
```

but the logs still show.

Files

rails-health-check.diff	919 Bytes	2024-12-17	Lorenz Schori