

From ‘Legacy' to ‘Edge' 2014 edition

Hiroshi SHIBATA
@hsbt

OedoRubyKaigi04

SHIBATA Hiroshi(@hsbt)



asakusa.rb

ruby-lang.org

Ruby
A PROGRAMMER'S BEST FRIEND

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Ruby is...

A dynamic, open source programming language with a focus on simplicity and productivity. It has an elegant syntax that is natural to read and easy to write.

Download Ruby or Read More...

```
# The famous Hello World
# Program is trivial in
# Ruby. Superfluous:
#
# * A "main" method
# * Newline
# * Semicolons
#
# Here is the Code:

puts "Hello World!"
```

OpenSSL Severe Vulnerability in TLS Heartbeat Extension (CVE-2014-0160)

There is a severe vulnerability in OpenSSL's implementation of the TLS/DTLS (transport layer security protocols) heartbeat extension (RFC6520). This a serious vulnerability which has been assigned the CVE identifier CVE-2014-0160.

Continue Reading...

Posted by hone and zzak on 10 Apr 2014

Heap Overflow in YAML URI Escape Parsing (CVE-2014-2

There is an overflow in URI escape parsing of YAML in R s vulnerability has been assigned th 014

Continue Reading...

Posted by hone and zzak o 2014

Get Started, it's easy!

- Try Ruby! (in your browser)
- Ruby in Twenty Minutes
- Ruby from Other Languages

Explore a new world...

- Documentation
- Books
- aries
- cess Stories

すべて 1.8.7 1.9.3 2.0.0 2.1.0
72414件 17617件 18361件 18397件 18039件

最速Rubyリファレンスマニュアル検索!

検索

組み込みクラス一覧

A〜E

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Enumerable::Enumerator (5)
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Float (196)
IO (521)

K〜O

LoadError (2)
LocalJumpError (8)

Ruby Issue Tracking System

Home

Ruby is a dynamic, open source programming language with a focus on simplicity and productivity. It has an elegant syntax that is natural to read and easy to write. This system is hosting the development of Ruby language and its related projects.

You must register your account and activate it via an email before reporting issues.
Or login if you have an account.

How to report a bug

See HowToReport (English) or HowtoReportJa (Japanese).

- ruby-trunk - Developing version of Ruby

About Security Reports

Please *DO NOT* report security issues via this system, because the system publishes them immediately.
In order to report, send a mail to security@ruby-lang.org instead. Reported problems will be published after fixes.

Ruby Language Home

http://www.ruby-lang.org

Latest projects

- Backport21 (12/21/2013)
  Backport request for Ruby
  Don't report issues here.
  Report it to ruby-trunk, e
- Backport200 (02/14/201
  Backport request for Ruby
  Don't report issues here.
  Report it to ruby-trunk, e
- CommonRuby (12/21/20
  A common set of Ruby(?)
- Backport93 (08/24/2011
  Backport request for Ruby
  Don't report issues here.
  Report it to ruby-trunk, e
- Backport92 (08/02/2010
  Don't report issues here.

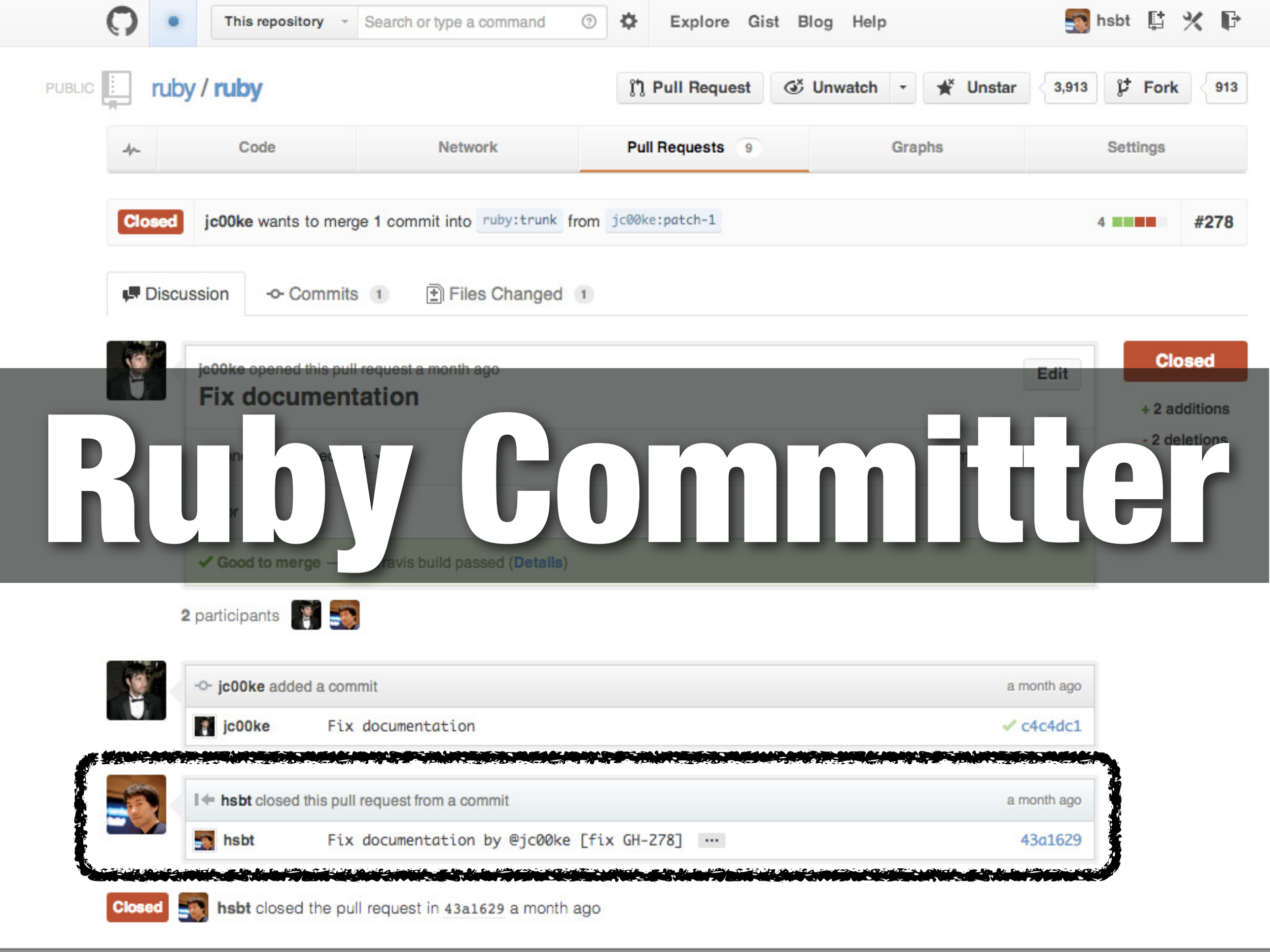
006-2014 Jean-Philippe Lang

d/ of ub ub

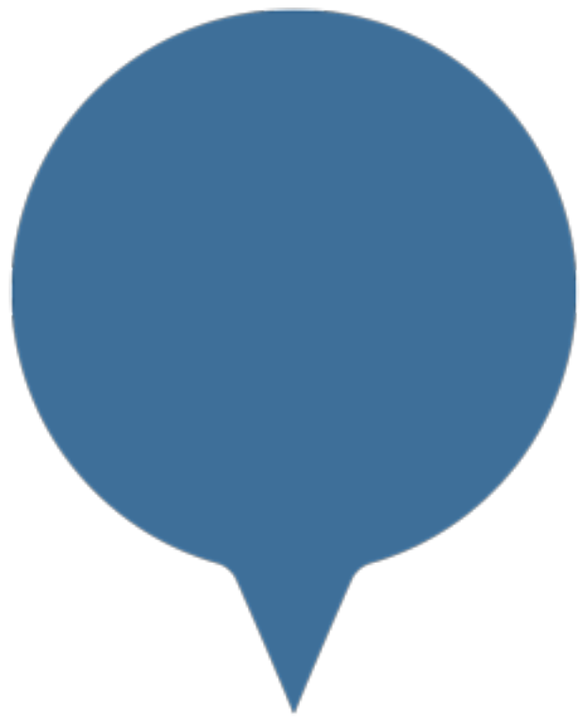
1.0/	06-Jul-2	8:33	-
1.1a/	04-Aug-2003	17:26	-
1.1b/	16-Jul-1998	09:30	-
1.1c/	18-Jan-1999	08:28	-
1.1d/	25-Dec-1998	04:39	-
1.2/	18-Sep-1999	04:55	-
1.3/	18-Sep-1999	04:53	-
1.4/	05-Apr-2001	07:36	-
1.6/	20-Sep-2005	16:41	-
1.8/	27-Jun-2013	12:00	-
1.9/	24-Feb-2014	05:13	-
2.0/	24-Feb-2014	12:53	-
2.1/	24-Feb-2014	06:11	-
binaries/	15-Jun-2004	15:21	-
doc/	29-Aug-2012	10:24	-
stable/	24-Feb-2014	06:11	-
ruby-1.8.5-p115.tar.bz2	03-Mar-2008	14:44	3862732
ruby-1.8.5-p115.tar.gz	03-Mar-2008	14:45	4486245
ruby-1.8.5-p115.zip	03-Mar-2008	14:45	5494089
ruby-1.8.6-p114.tar.bz2	03-Mar-2008	14:45	3920921
ruby-1.8.6-p114.tar.gz	03-Mar-2008	14:46	4549333
ruby-1.8.6-p114.zip	03-Mar-2008	14:46	5565408
ruby-1.8.6-p383.tar.bz2	03-Aug-2009	17:53	3981736
ruby-1.8.6-p383.tar.gz	03-Aug-2009	17:54	4578649
ruby-1.8.6-p383.zip	03-Aug-2009	17:55	5622203
ruby-1.8.6-p388.tar.bz2	10-Jan-2010	15:54	3973412
ruby-1.8.6-p388.tar.gz	10-Jan-2010	15:55	4583294
ruby-1.8.6-p388.zip	10-Jan-2010	15:57	5625625
ruby-1.8.6-p398.tar.bz2	03-Feb-2010	17:24	3972884



Rails Girls in Japan



Ruby Committer



GMOペパボ株式会社

ミドルウェアのアップグレード

Ruby/Rails　アクセス解析基盤の構築

カンファレンス発表　セキュリティ監査

テスト基盤の構築　コードレビュー

技術基盤チーム

github

社内開発基盤の構築　原稿執筆

開発プロセス　JSOXの運用整備

Jenkins　統計基盤の構築　RDBMS

OSS開発　サーバー構成管理の刷新

6th Anniversary
30 days Album™ by GMOペパボ

なくしたくない思い出。全部、お預かりします。

オンラインアルバム + フォトストレージサービス・30days Album™

これまでに 387,404 人のお客様の **227,030,531** 枚の写真をお預かりしています。

Available on the App Store　ANDROID APP ON Google play

アルバムを作成

Yuta Kurotaki, Okada Yusuke and 2,284 others like this.



写真を見せる。写真を残す。30days Album™ ができること

http://30d.jp

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Stu フォトストレージ

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Available on the App Store　ANDROID APP ON Google play

from 2007/5

photo by HIDEAKI HAMADA

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Album オンラインアルバム

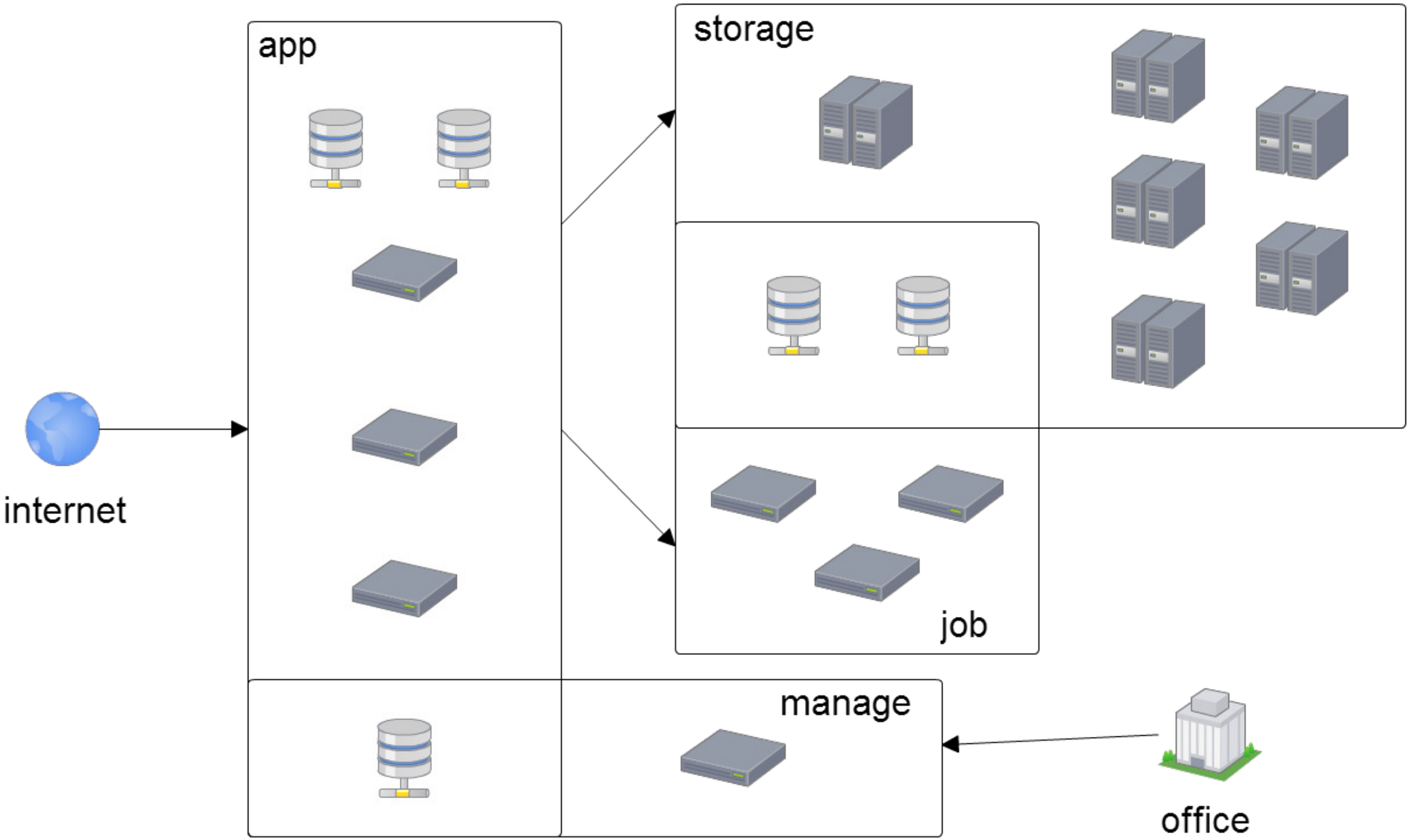
Storage フォトストレージ



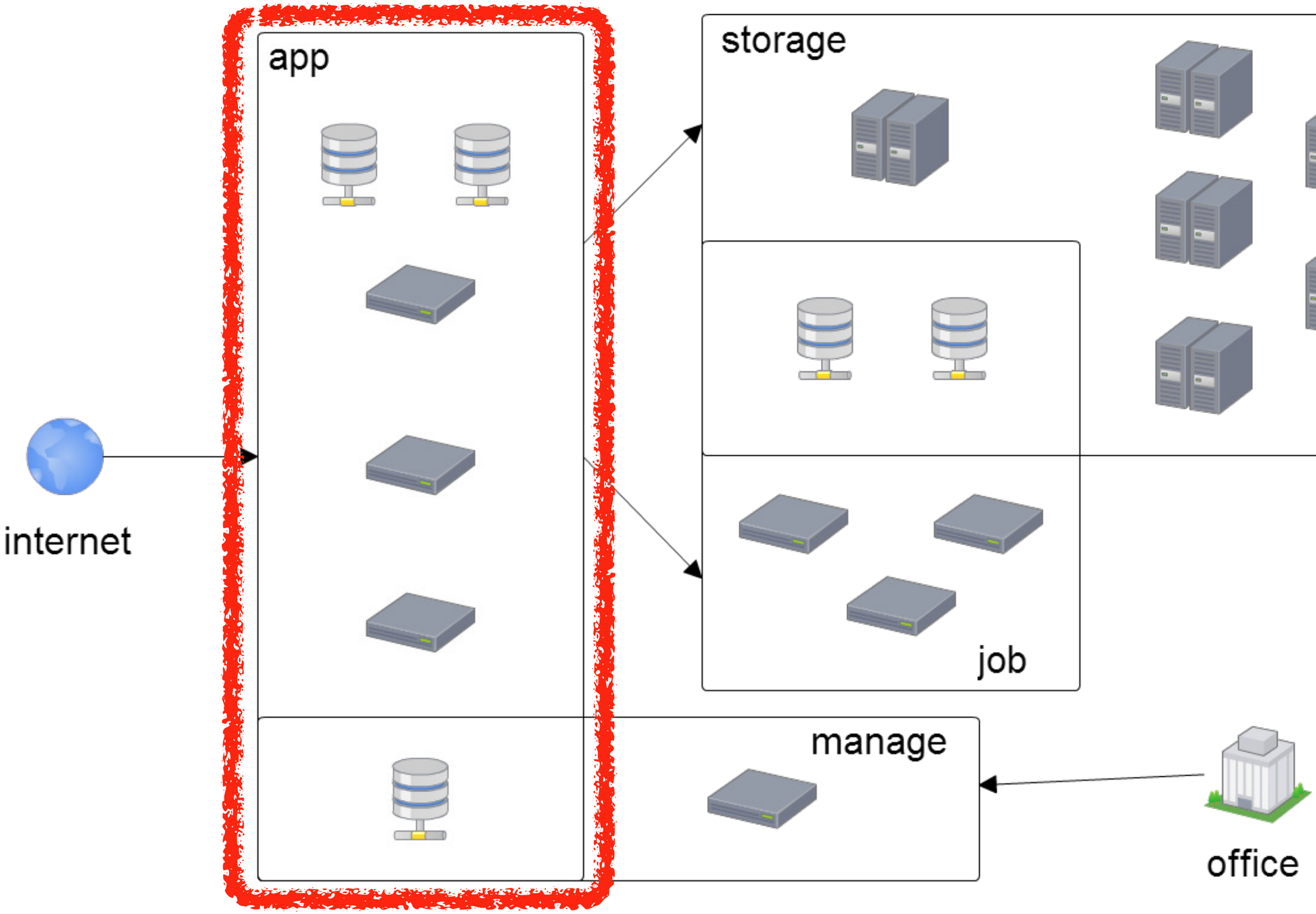
380,000 users

230,000,000 photos

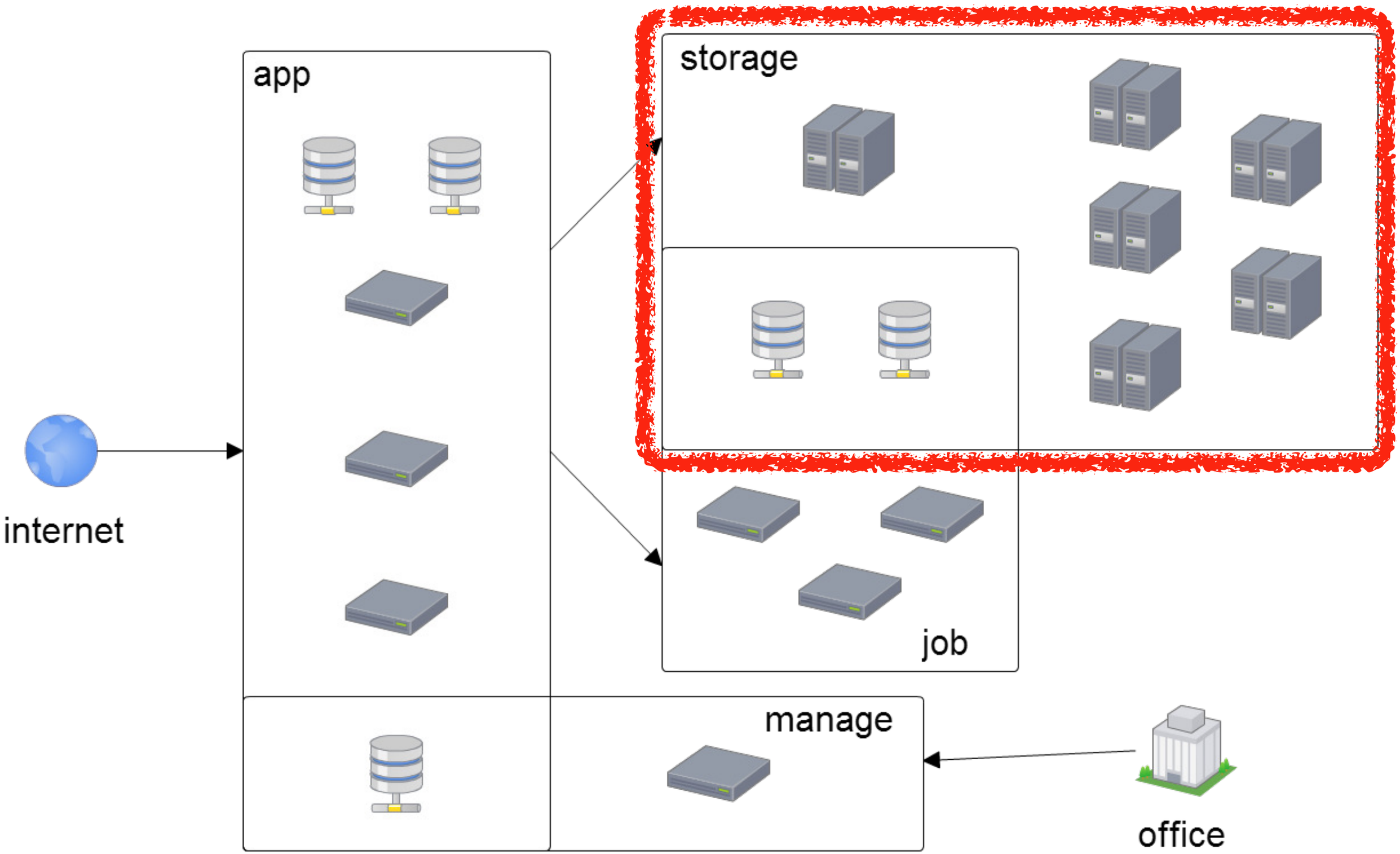

Our Rails app
46 models
5000 lines in controllers
400 lines in routes.rb
1:1.3 code to test ratio



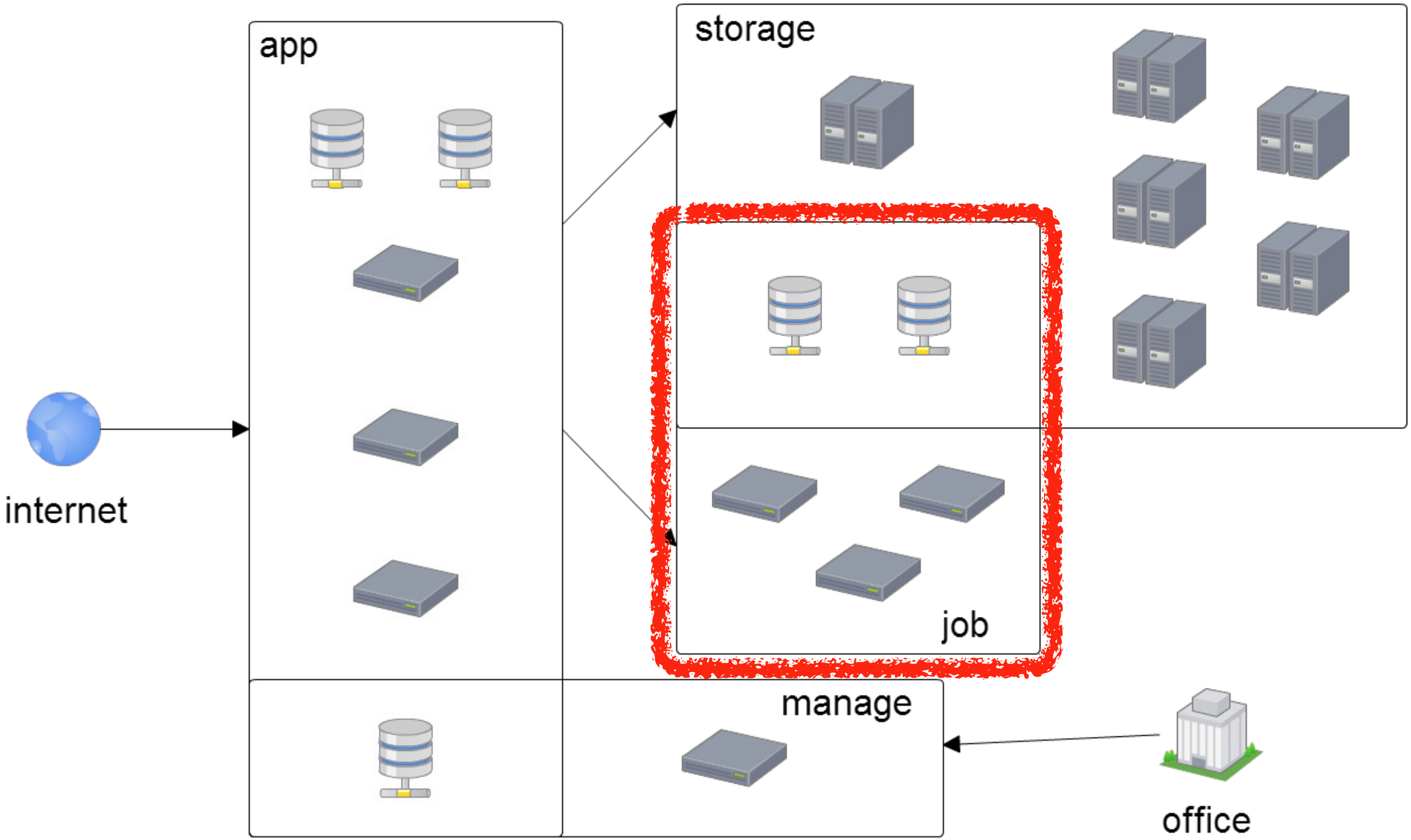
system architecture



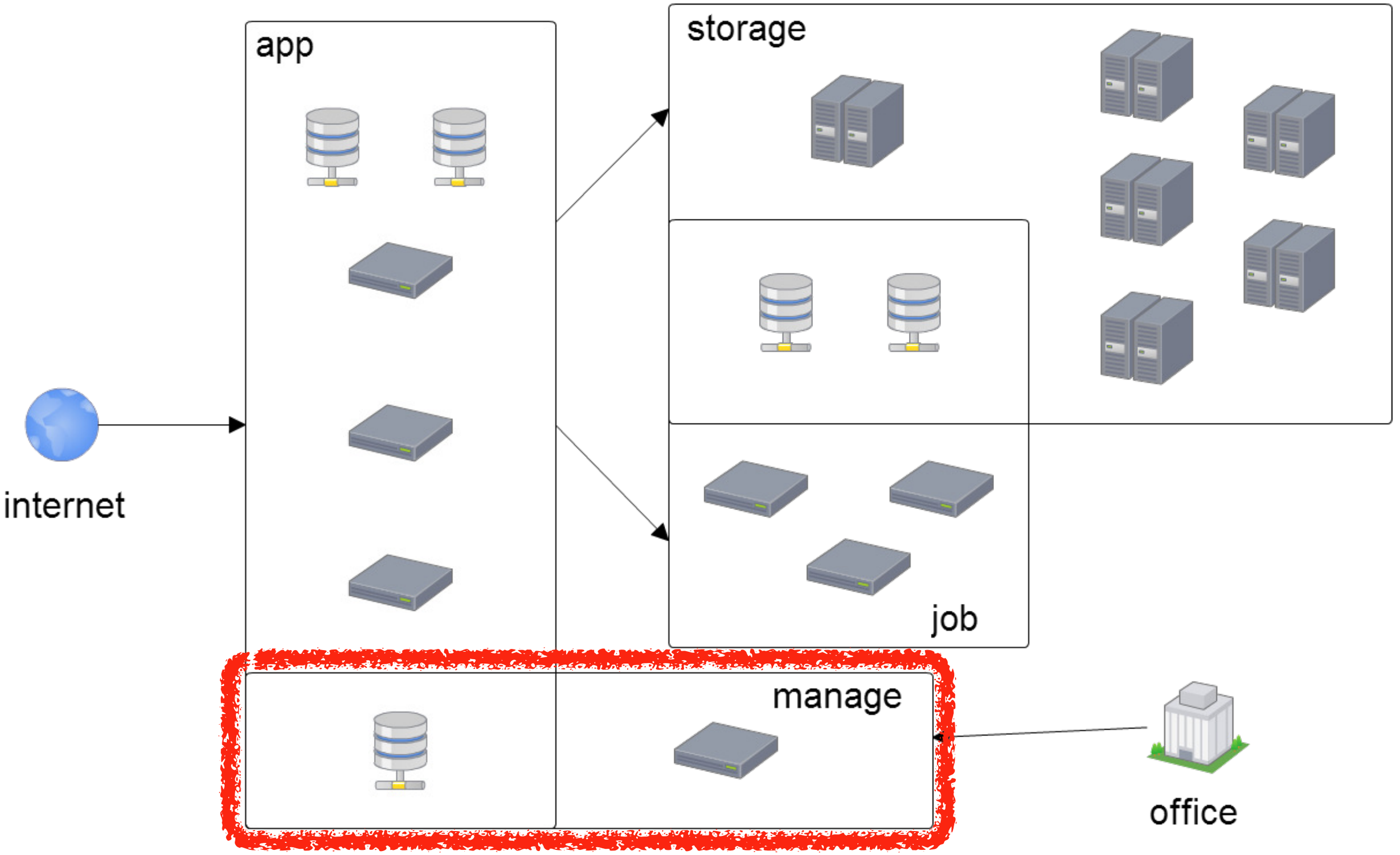
application server



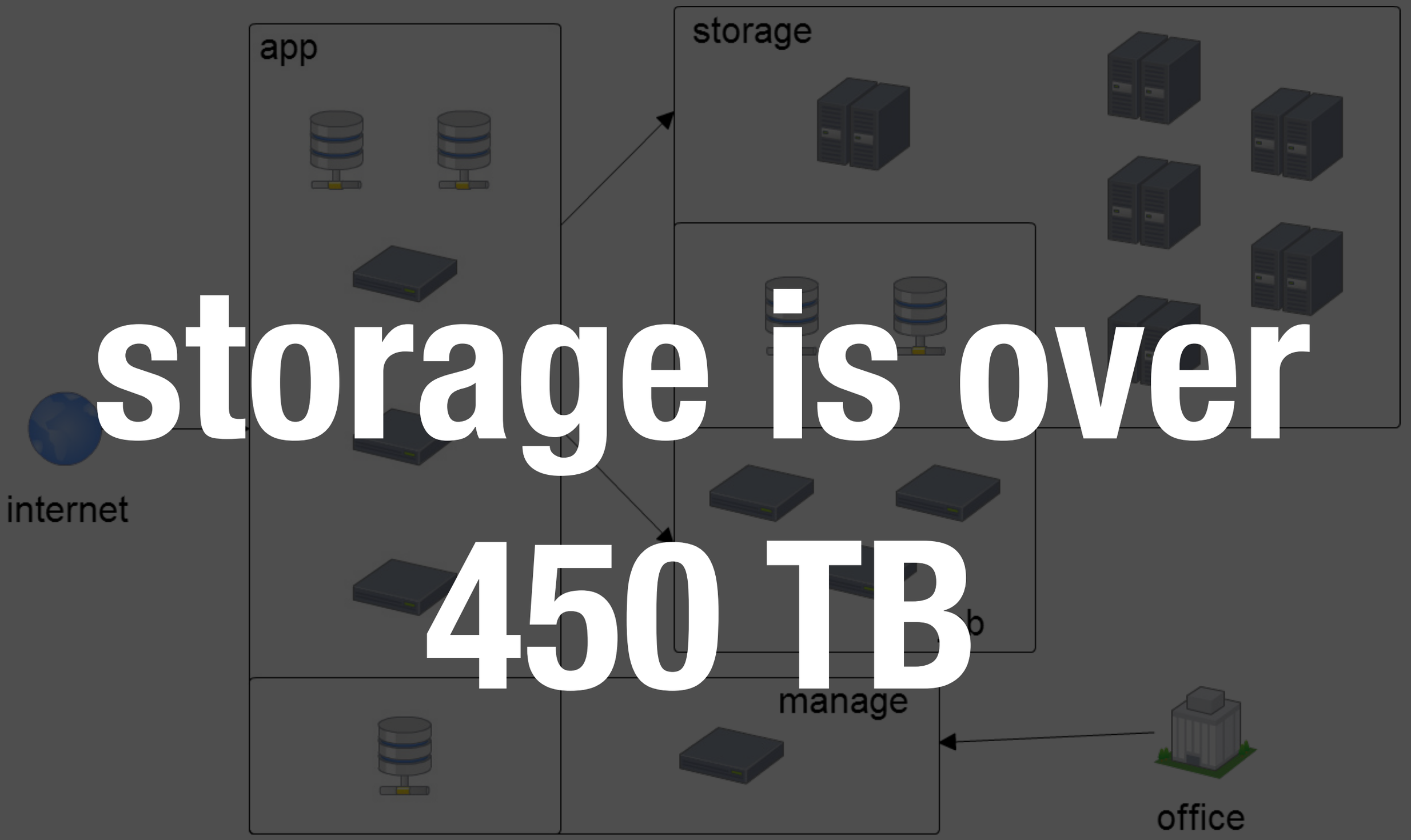
storage server



job server

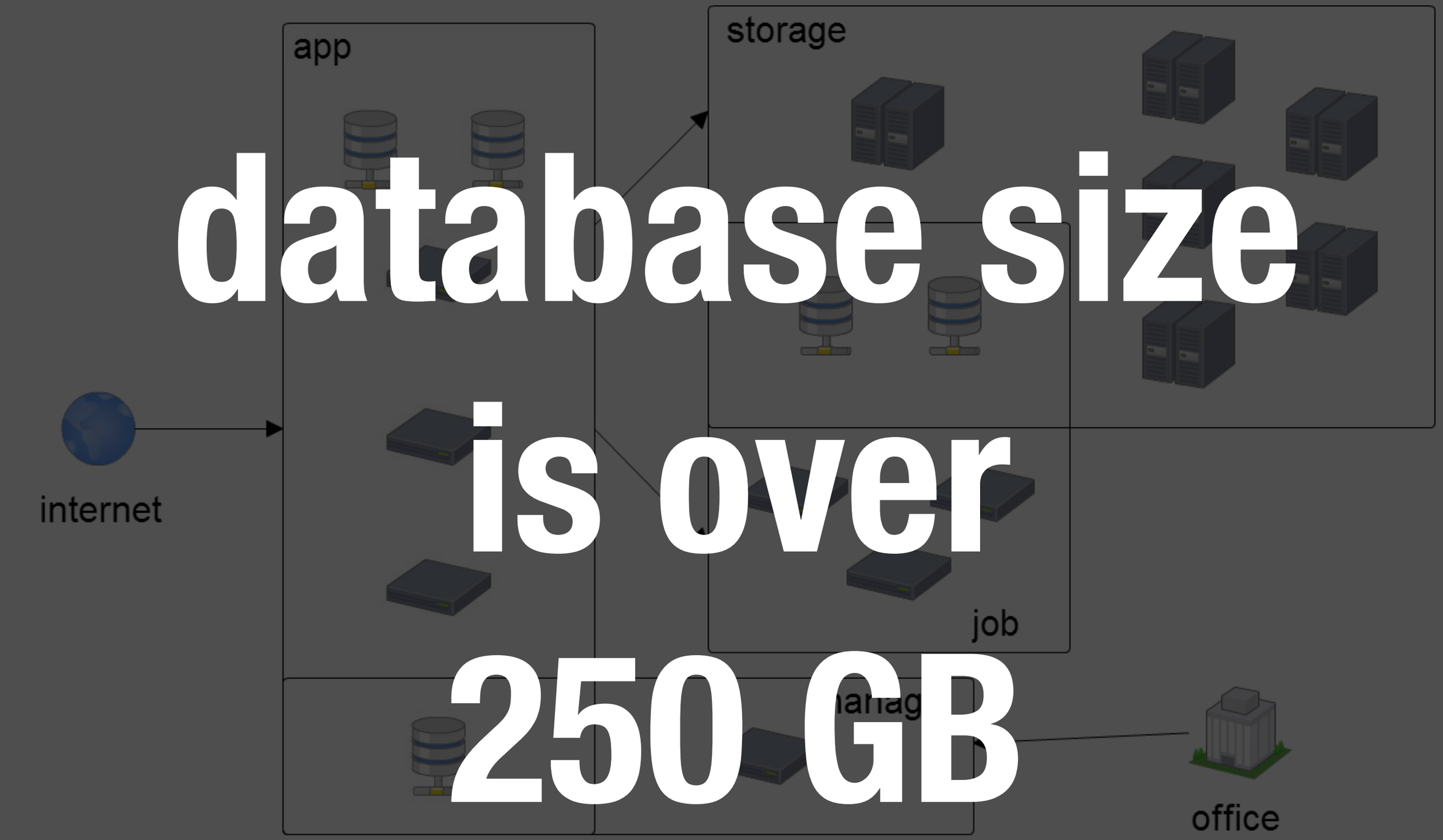


transaction server



storage is over

450 TB



database size is over 250 GB

Development Culture

pepabo.github.io

github を用いた開発フロー テンプレート

Development (開発の進め方)

GitHub Flow の利用

- masterブランチは常にデプロイ可能な状態としなければならない
  - テストが失敗する状態の場合、直ちに修正するべきである
  - テストが失敗する状態の場合、デプロイすることは許されない

- 「新しい何か」に取り組む際は、 pull request を用いるべきである
  - ブランチは master から作成し、ブランチ名は説明的な名前とするべきである (例: new-oauth2-scopes, fix-broken-db-connection)
  - 作成したブランチにローカルでコミット後、ただちに github に push し、タイトルに [WIP] と

github workflow

ikachan [nagios_alert] RECOVERY Service: Load Average Host: job3.30d.lan Address: job3.30d.lan State: OK Date/Time: 04-11-2014 12:10:06 - Additional Info: OK

ikachan [nagios_alert] PROBLEM Service: Load Average Host: job3.30d.lan Address: job3.30d.lan State: WARNING Date/Time: 04-11-2014 12:15:06 - Additional Info: 7.29, 3.57

costomer's contact

ikachan [nagios_alert] RECOVERY Service: Load Average Host: job3.30d.lan Address: job3.30d.lan State: OK Date/Time: 04-12-2014 13:30:07 - Additional Info: OK

ikachan 🍞(50)人目の FREE ユーザーが登録しました。

ikachan 🐰 <(お問い合わせがありました。不具合・障害について: https://decan.30d.jp:4443/inquiry/8505)

ikachan [nagios_alert] PROBLEM Service: Load Average Host: storage007.30d.lan Address: storage007.30d.lan State: WARNING Date/Time: 04-12-2014 13:32:07 - Average: 20.00, 15.25, 10.94

ikachan [nagios_alert] RECOVERY Service: Load Average Host: storage007.30d.lan Address: storage007.30d.lan State: OK Date/Time: 04-12-2014 13:35:07 - Addi

github issue

ikachan 🍞🍞(100)人目の FREE ユーザーが登録しました。

github_30days-front [30days-front] hsbt created fix-404-missing (+4 new commits): https://github.com/paperboy-30days/30days-front/compare/325b803552ad^...e06a57c

github_30days-front 30days-front/fix-404-missing 325b803 SHIBATA Hiroshi: refactor

github_30days-front 30days-front/fix-404-missing d8c6b93 SHIBATA Hiroshi: added broken tests

github_30days-front 30days-front/fix-404-missing 4aedaed SHIBATA Hiroshi: refactor

nagios

ikachan 🍣🍣🍣(3)人目の PRO 会員申し込みがありました。

ikachan [nagios_alert] PROBLEM Service: Load Average Host: storage006.30d.lan Address: storage006.30d.lan State: WARNING Date/Time: 04-12-2014 17:17:37 - average: 17.02, 12.18, 10.19

ikachan 🍞🍞🍞(150)人目の FREE ユーザーが登録しました。

hsbt パン直ってる

okkun 復活

ikachan 🍣🍣🍣🍣(4)人目の PRO 会員申し込みがありました。

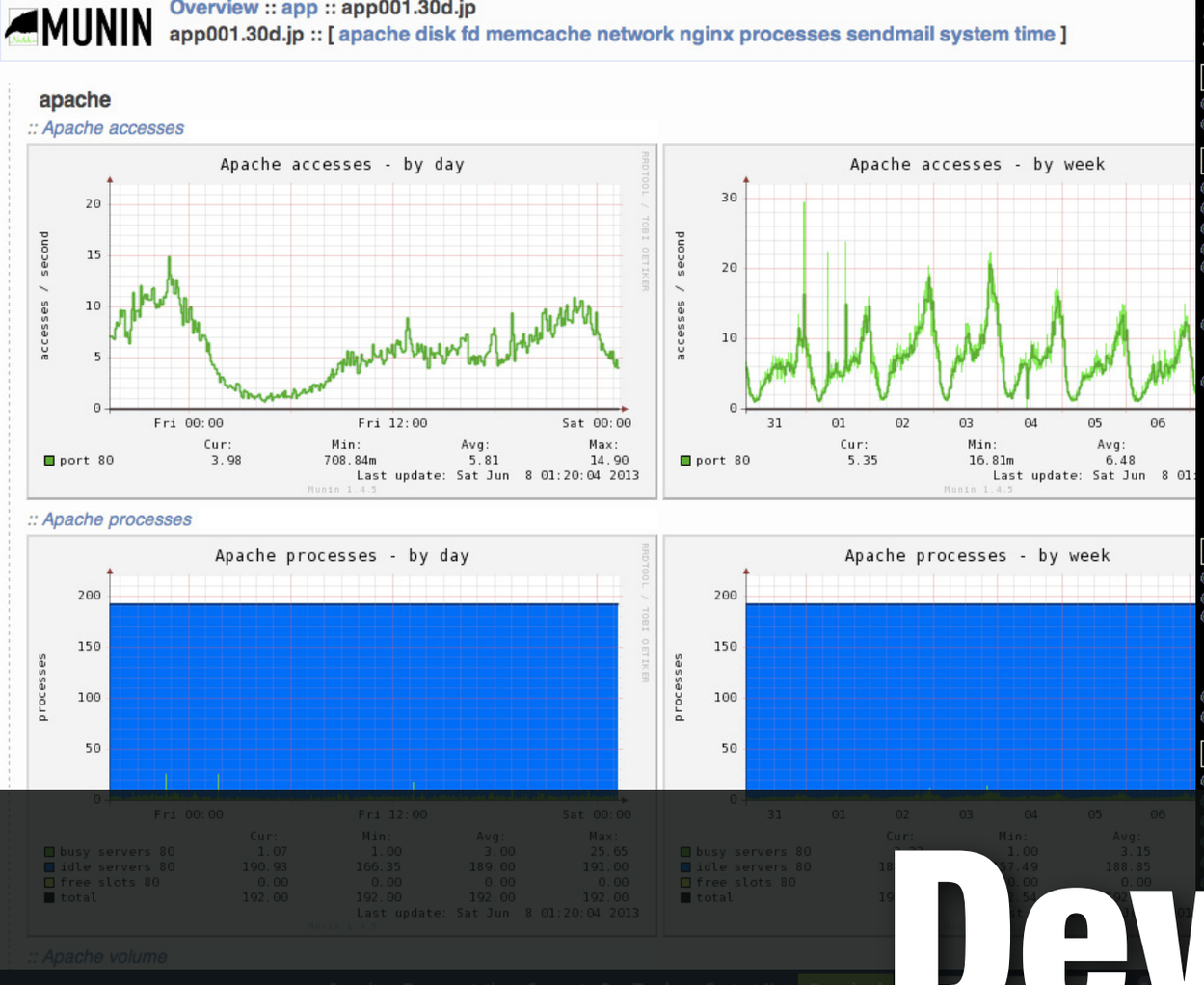
ikachan 🍣🍣🍣🍣🍣(5)人目の PRO 会員申し込みがありました。

ikachan 🍣🍣🍣🍣🍣🍣(6)人目の PRO 会員申し込みがありました。

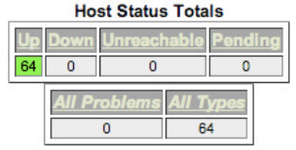
okkun 連続

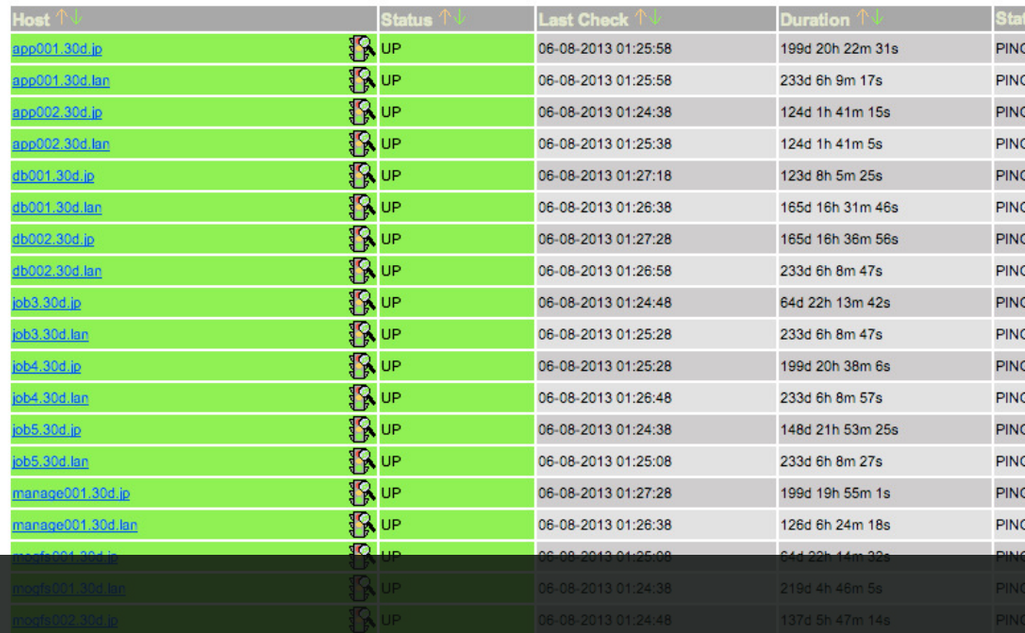
IRC

DevOps













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Learn Puppet in a safe, virtual environment



VMware's New Public Cloud
Learn how Puppet Enterprise automates cloud apps

Our customers manage millions of nodes with Puppet

CITRIX Clickability ConstantContact

"Puppet is fantastic at configuration

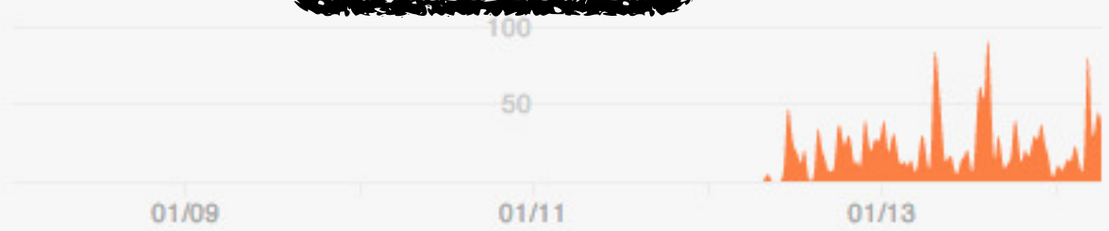
4 deploy/day

January 6th 2008 - April 6th 2014
Commits to master, excluding merge commits

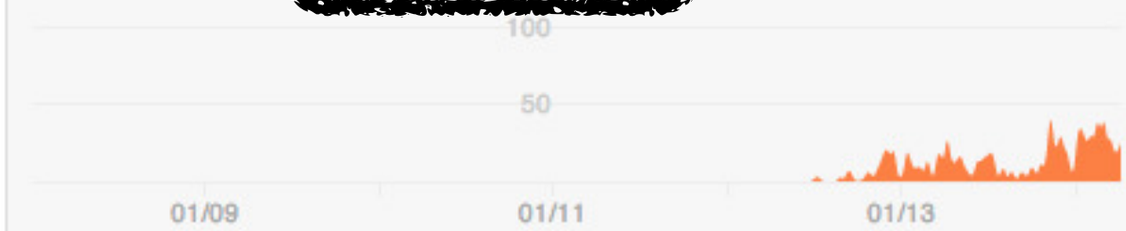
Contribution type: **Commits**



hsbt #1
2,318 commits / 261,282 ++ / 365,285 --



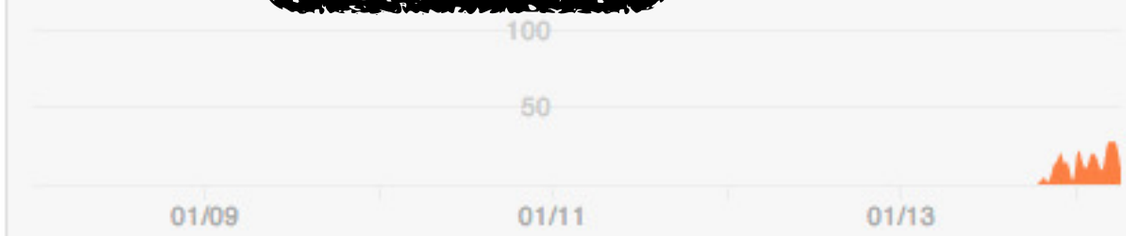
2get #2
1,204 commits / 30,327 ++ / 24,903 --



kyanny #3
376 commits / 10,993 ++ / 11,859 --



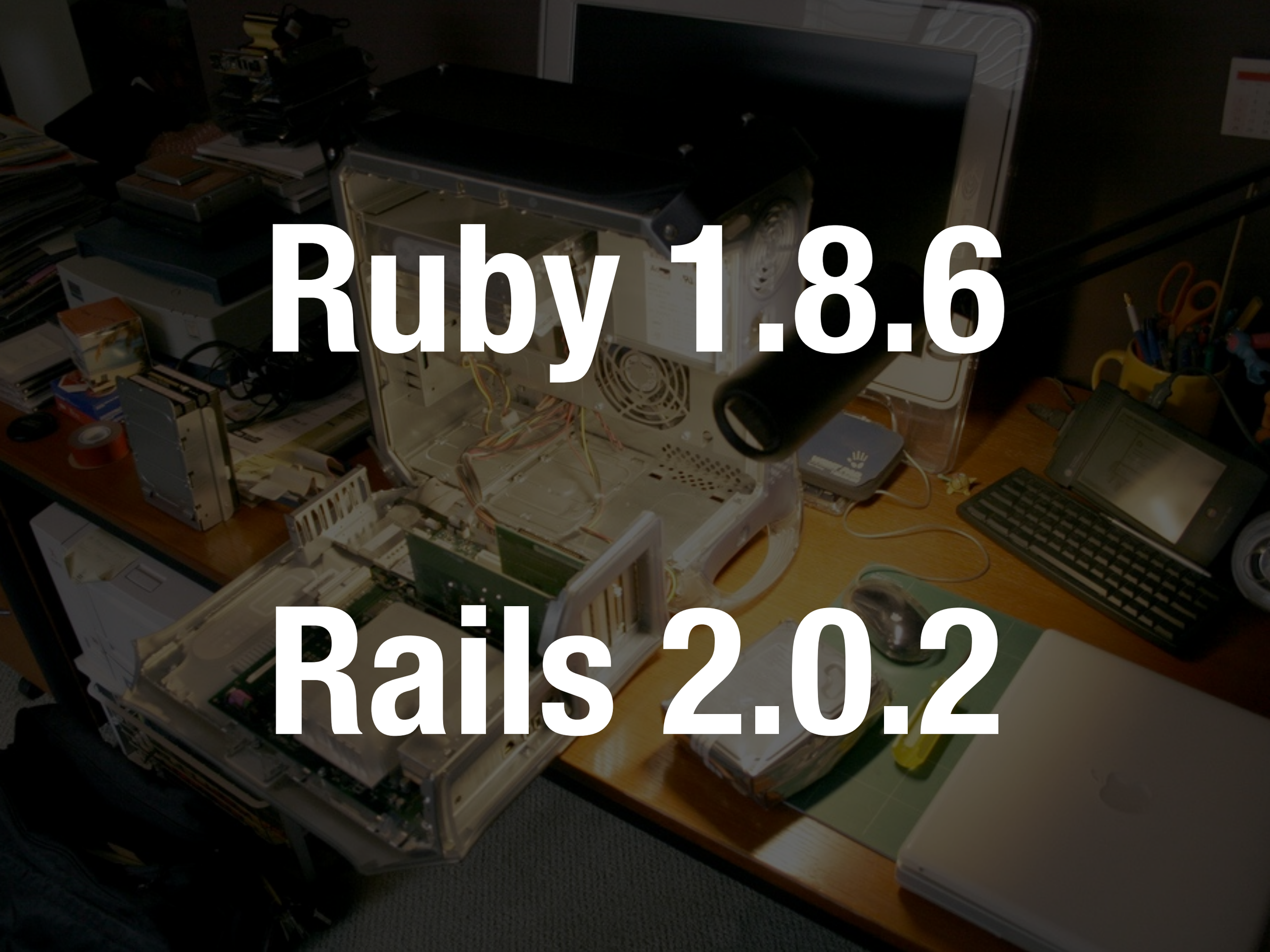
shirtsk t #4
359 commits / 5,698 ++ / 4,505 --



kitak #5
185 commits / 3,032 ++ / 176,156 --

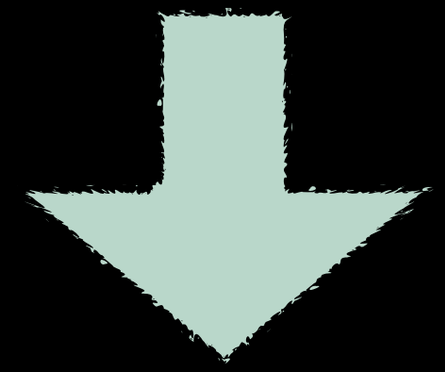
pplog #6
142 commits / 4,008 ++ / 2,715 --

How to migrate edge rails from legacy rails?


Ruby 1.8.6
Rails 2.0.2

Ruby 1.8.6

Rails 2.0.2



Ruby 2.1.1

Rails 4.1.0

new!

Why?



null
@yuroyoro

Following

Ruby 2.1.1、クソ速くてマジウケる。処理系のバージョン上げるだけで25%速度改善するとか冗談としか思えない 1 user

View translation

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RETWEETS	FAVORITES
156	101

3:58 PM - 25 Feb 2014

Reply to @yuroyoro

Ruby on Rails

		Ruby				
		1.8.6	1.8.7	1.9.3	2.0.0	2.1
Rails	2.0/2.1	○	○	×	×	×
	2.3	×	○	×	×	×
	3.0	×	○	○	×	×
	3.2	×	○	○	○	×
	4.0	×	×	○	○	○

		Ruby				
		1.8.6	1.8.7	1.9.3	2.0.0	2.1
Rails	2.0/2.1					
	2.3					
	3.0					
	3.2					
	4.0					

Fast

Slow

		Ruby				
		1.8.6	1.8.7	1.9.3	2.0.0	2.1
Rails	2.0/2.1	○	○	×	×	×
	2.3	×	○	×	×	×
	3.0	×	○	○	×	×
	3.2	×	○	○	○	×
	4.0	×	×	○	○	○

		Ruby				
		1.8.6	1.8.7	1.9.3	2.0.0	2.1
Rails	2.0/2.1	O	O	X	X	X
	2.3	X	O	X	X	X
	3.0	X	O	O	X	X
	3.2	X	O	O	O	X
	4.0	X	X	O	O	O

		Ruby				
		1.8.6	1.8.7	1.9.3	2.0.0	2.1
Rails	2.0/2.1	O	O	X	X	X
	2.3	X	O	X	X	X
	3.0	X	O	O	X	X
	3.2	X	O	O	O	X
	4.0	X	X	O	O	O

Rails 2.0



Rails 2.3

hotfix A

Rails 2.0

Rails 2.3

migration A

hotfix A

Rails 2.0

Rails 2.3

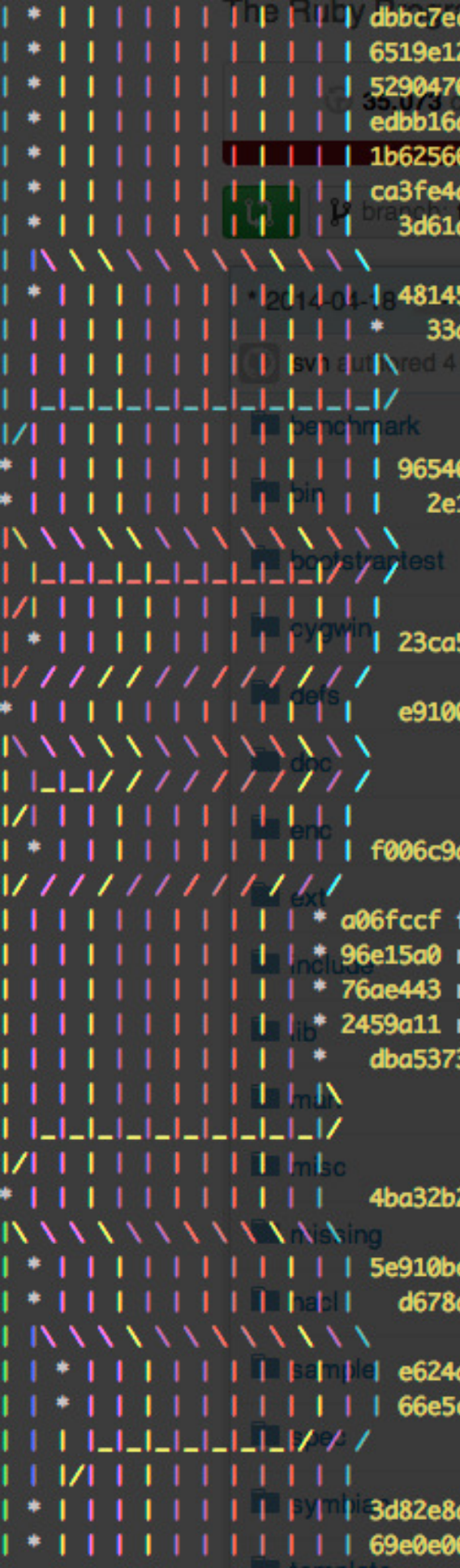
migration A

hotfix A

Rails 2.0

Rails 2.3

migration A



```
* dbbc7ec メールフッターの記述が書き変わるようにする (Aoi Kawade)
* 6519e12 表側テキスト・リンクを4/1 0:00に変わるように記述 (Aoi Kawade)
* 5290476 fix typo (Mayoto Yoshida)
* edbb16d ファイル名変更 (Mayoto Yoshida)
* 1b62566 helperの改行修正 (Aoi Kawade)
* ca3fe4d 'name_change_gmo_pepabo?'のhelperを記述 (Aoi Kawade)
* 3d61dab Merge branch 'master' into name-change-gmo-pepabo (Aoi Kawade)
|\
| * 481451e application.ymlに4/1 0:00 で'corporate_name_change_gmo_pepabo'を記述 (Aoi Kawade)
* |   33ac470 merge master (SHIBATA Hiroshi)
|\ \
| |/
|/|
* | 965466d rubocop は Gemfile に入れなくても使えるようです (SHIBATA Hiroshi)
* |   2e18677 Merge pull request #2136 from paperboy-30days/fix-set-datetime-params-validator (Mayoto Yoshida)
|\ \
| |/
|/|
| * 23ca5e4 set_datetime のパラメータが不正な場合にエラーがでないように (Mayoto Yoshida)
|/
* e910053 Merge pull request #2133 from paperboy-30days/remove-ppb-app-footer (maji)
|\
| * f006c9a ペパボアプリfooterの読み込み削除 (Aoi Kawade)
|/
| * a06fccf fix missing revert (SHIBATA Hiroshi)
| * 96e15a0 remove more helpers (SHIBATA Hiroshi)
| * 76ae443 remove needless helper (SHIBATA Hiroshi)
| * 2459a11 remove unused methods (SHIBATA Hiroshi)
| *   dba5373 merge master (SHIBATA Hiroshi)
| |\
| |/
|/|
* |   4ba32b2 Merge pull request #2127 from paperboy-30days/reduce-helper-methods (SHIBATA Hiroshi)
|\ \
| * | 5e910be fix missing method call (SHIBATA Hiroshi)
| * |   d678d58 merge remove-more-helper branch (SHIBATA Hiroshi)
| |\ \
| | * | e624a7a move helper method into model (SHIBATA Hiroshi)
| | * | 66e5c8a git cherry-pick cb0baf6 (SHIBATA Hiroshi)
| | |/
| |/|
| * | 3d82e8d try ガード漏れ (SHIBATA Hiroshi)
| * | 69e0e06 pro? をヘルパーで読んでいる箇所は current_user == nil の時があるらしい (SHIBATA Hiroshi)
```

Zero Downtime Deploy

PUBLIC cookpad / kage

Watch | Unstar 255 | Fork 9

Code | Network | Pull Requests 0 | Issues 0 | Wiki | Graphs

Kage (kah-geh) is a shadow proxy server to duplex HTTP requests — Read more

Clone in Mac | ZIP | HTTP | SSH | Git Read-Only | git://github.com/cookpad/kage.git | Read-Only access

branch: master | Files | Commits | Branches 1 | Tags

kage / 11 commits

Merge pull request #3 from hsbt/compatible-ruby18 ...

miyagawa authored 5 months ago latest commit 4f5ee4e176

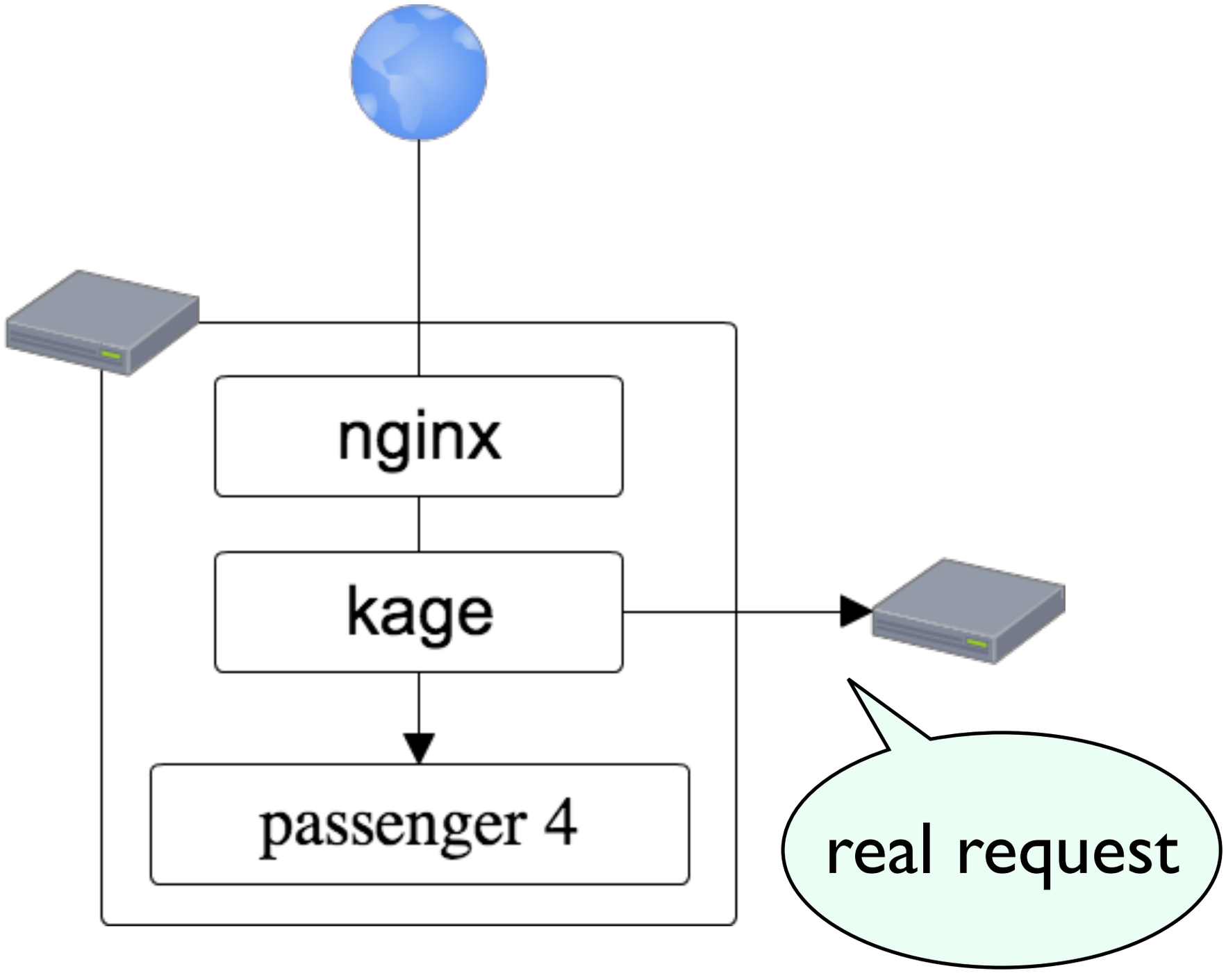
examples	7 months ago	Initial code, extracted as open source [miyagawa]
lib	7 months ago	Initial code, extracted as open source [miyagawa]
.gitignore	7 months ago	Initial code, extracted as open source [miyagawa]
CHANGES.md	7 months ago	0.9.1 [miyagawa]
Gemfile	7 months ago	Initial code, extracted as open source [miyagawa]
LICENSE	7 months ago	Initial code, extracted as open source [miyagawa]
README.md	7 months ago	Clarify kage is EM-based and shadow traffic is handled asynchronously… [miyagawa]
Rakefile	7 months ago	Initial code, extracted as open source [miyagawa]
kage.gemspec	7 months ago	Initial code, extracted as open source [miyagawa]

cookpad/kage

README.md

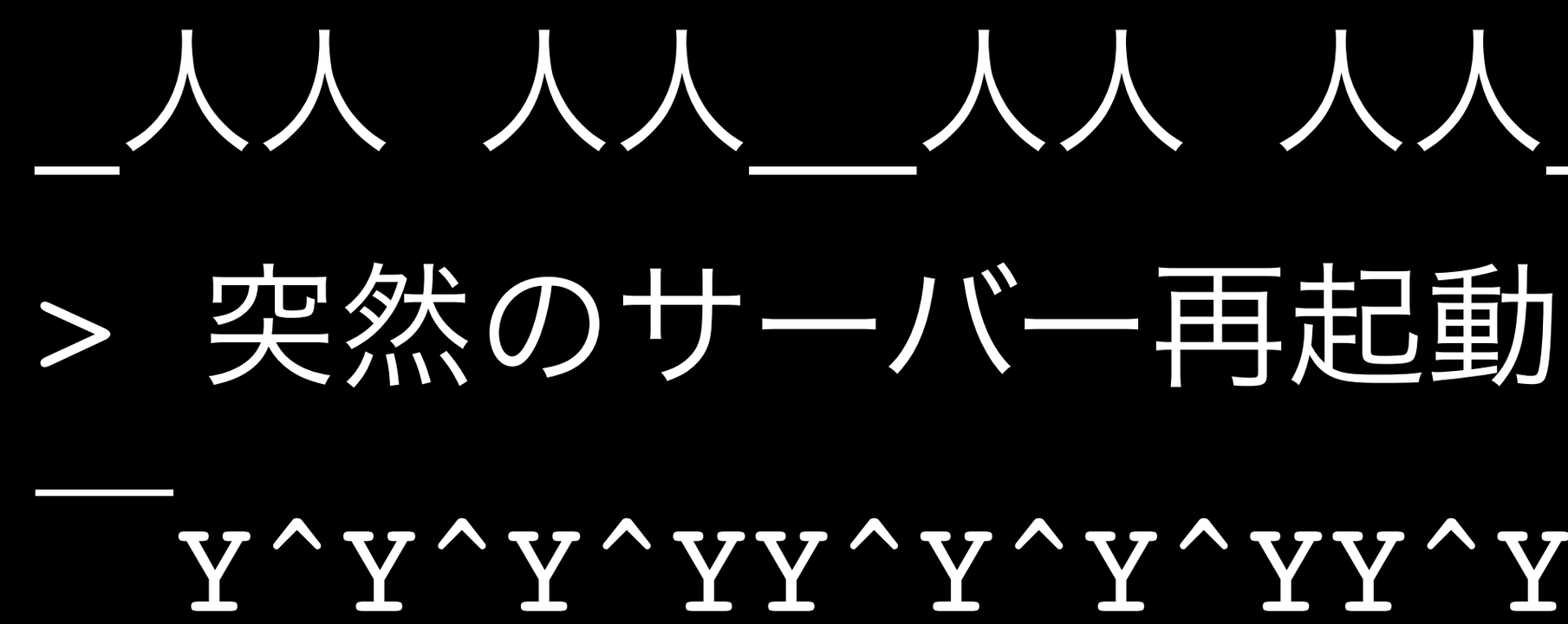
Kage (kah-geh) is an HTTP shadow proxy server that sits between clients and your server(s) to enable "shadow requests".

the basic of kage



```
Call Trace:
 [<c041b7f2>] iounmap+0x9e/0xc8
 [<c053480d>] agp_generic_free_gatt_table+0x2e/0x9e
 [<c0533991>] agp_add_bridge+0x1a8/0x26f
 [<c05439eb>] __driver_attach+0x0/0x6b
 [<c04e6bf4>] pci_device_probe+0x36/0x57
 [<c0543945>] driver_probe_device+0x42/0x8b
 [<c0543a2f>] __driver_attach+0x44/0x6b
 [<c054344a>] bus_for_each_dev+0x37/0x59
 [<c05438af>] driver_attach+0x11/0x13
 [<c05439eb>] __driver_attach+0x0/0x6b
 [<c0543152>] bus_add_driver+0x64/0xfd
 [<c04e6d22>] __pci_register_driver+0x47/0x63
 [<c040044d>] init+0x17d/0x2f7
 [<c0403dee>] ret_from_fork+0x6/0x1c
 [<c04002d0>] init+0x0/0x2f7
 [<c04002d0>] init+0x0/0x2f7
 [<c0404c3b>] kernel_thread_helper+0x7/0x10
 =======================
Code: 78 29 8b 44 24 04 29 d0 8b 54 24 10 c1 f8 05 c1 e0 0c 09 f8 8
 85 c0 75 08 0f 0b 9c 00 77 c8 61 c0 48 89 43 0c eb 08 <0f> 0b 9f 0
 8b 03 f6 c4 04 0f 85 a5 00 00 00 a1 0c
EIP: [<c041bd49>] change_page_attr+0x19a/0x275 SS:ESP 0068:c14f7ec0
 <0>Kernel panic - not syncing: Fatal exception

 _
```


_人人 人人___人人 人人_
> 突然のサーバー再起動 <
Y^Y^Y^YY^Y^Y^YY^Y

		Ruby				
		1.8.6	1.8.7	1.9.3	2.0.0	2.1
Rails	2.0/2.1	O	O	X	X	X
	2.3	X	O	X	X	X
	3.0	X	O	O	X	X
	3.2	X	O	O	O	X
	4.0	X	X	O	O	O

v1.2 **v1.3**



What is Bundler?

Bundler maintains a consistent environment for ruby applications. It tracks an application's code and the rubygems it needs to run, so that an application will always have the exact gems (and versions) that it needs to run.

Would you like to

Get started | Report a bug | See what's new | Read documentation

Getting Started

rails 2.3 with bundler

```
source 'https://rubygems.org'

gem 'rails', '~> 2.3.18'
gem 'rake', '~> 0.9.2'
gem 'rdoc'
gem 'rake-confirm'

gem 'mysql'
gem "mysql_retry_lost_connection"
gem 'acts_as_paranoid', :github => 'paperboy-30days/acts_as_paranoid'
gem 'passenger', '~> 3.0'
gem 'memcache-client', :require => 'memcache'
gem 'system_timer'
gem 'yajl-ruby', :require => 'yajl'
gem 'will_paginate', '~> 2.3'
gem 'mail'

gem 'sass'
gem 'compass-rails'

gem 'osaipo_client', :git => 'git@github.com:paperboy-all/
osaipo_client.git', :branch => 'legacy'
gem 'jugem_client', :git => 'git@github.com:paperboy-all/
jugem_client.git'
gem 'ppb_footer', :github => 'paperboy-all/ppb_footer'
```

```
require "./config/environment"
use Rails::Rack::LogTailer
use Rails::Rack::Static
run ActionController::Dispatcher.new
```

rack with rails 2.3

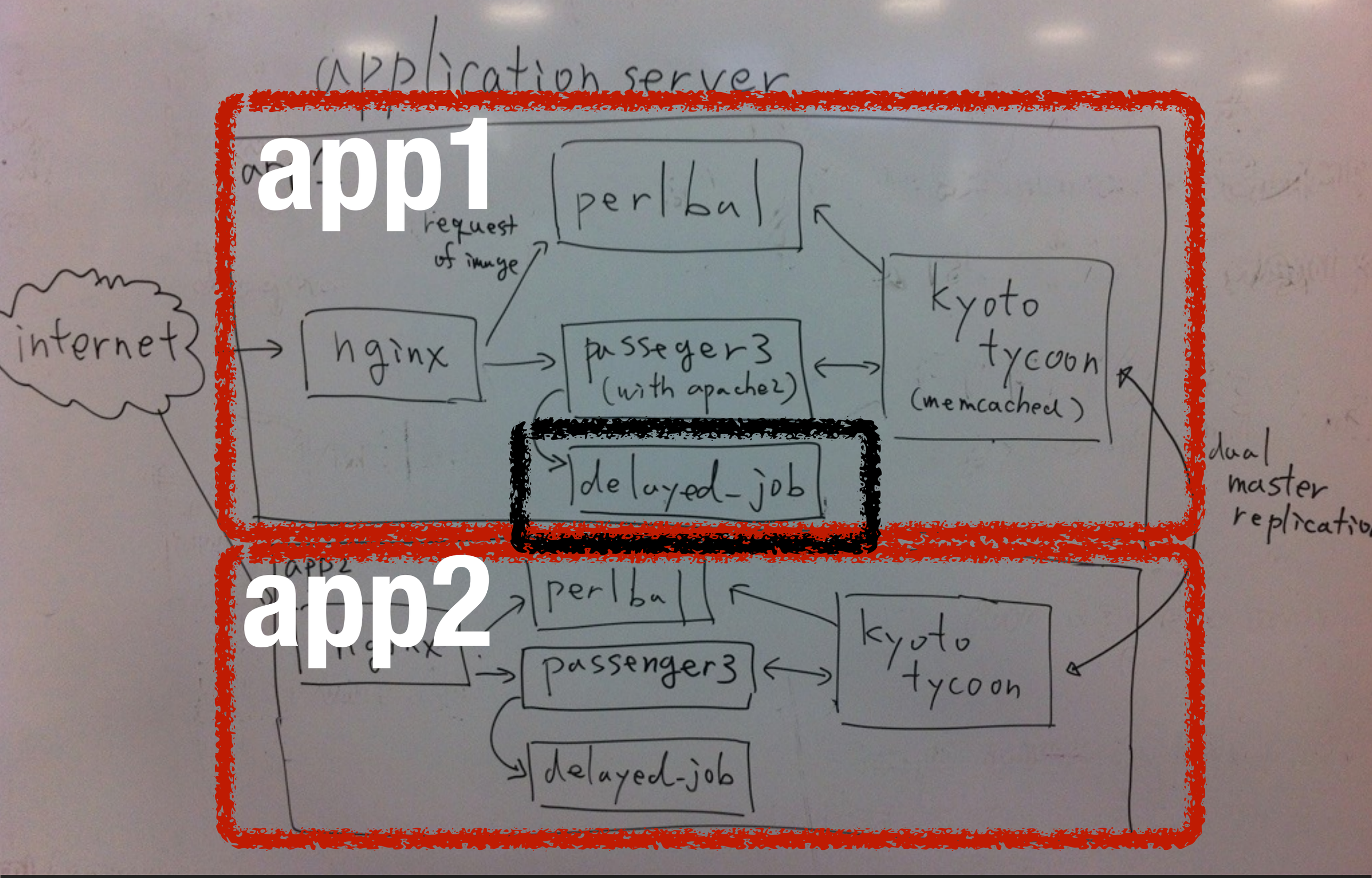
can’t use hyphen

30days-front

can’t use number

can’t convert application.rb...

Reduce customer frustration.



backgroundrb to dj

[WIP] Upgrade to Rails 3.2 #1565

Edit | New Issue

Merged **hsbt** merged 468 commits into `master` from `rails32` 5 months ago

Conversation 0 | Commits 250+ | Files changed 365 | +5,956 −7,318



hsbt commented 5 months ago

出し直し3回目

hsbt added some commits 8 months ago

- destroy_all を完全撤去、osaipo で行儀悪いテストがあったので 本体も若干修正 — 067fc27
- restructured — 737623d
- datetime 参照時のチェックを少し厳しくした — 987a79a
- moratrium の判定を解放したら落ちるようになってしまったのでテストケースを修正 — 2627162
- Marshal して戻すという workaround はもういらない — 997fe46
- ダミーデータを入れる — 091e259
- Merge branch 'master' into rails32 — 3b4efc9
- カバレッジパターンを独自に定義した — 5b9ba37
- Merge pull request #1219 from paperboy-30days/refinements-tests … — 9364e82
- update dependency — e94c7de
- Rails3 では post か get かは routes で厳密に判定するので verification は不要 — f49fc7a
- update dependency — 11d312c
- bad args — 00d2209
- fix broken tests — 9fe80d4
- 2.1 でも試験的に動かしたいので simplecov の範囲を限定 — 0060ba2
- Merge pull request #1220 from paperboy-30days/remove-verification … — 5aef3f7
- shoulda 使わない — 8e0b1e6
- 単独実行時まで全て coverage 集計するのはやり過ぎ — 13d0e68

Labels

None yet

Milestone

No milestone

Assignee

No one assigned

Notifications

Unsubscribe

You're receiving notifications because you authored the thread.

1 participant



		Ruby				
		1.8.6	1.8.7	1.9.3	2.0.0	2.1
Rails	2.0/2.1	O	O	X	X	X
	2.3	X	O	X	X	X
	3.0	X	O	O	X	X
	3.2	X	O	O	O	X
	4.0	X	X	O	O	O

Use trunk everyday.

Bug #9250



Bundler with trunk is not works.

Hiroshi SHIBATA が4ヶ月前に追加. 4ヶ月前に更新.

[ruby-core:59115]

ステータス:	Closed		
優先度:	Urgent		
担当者:	Eric Hodel		
カテゴリ:	lib/rubygems		
対象バージョン:	2.1.0		
ruby -v:	ruby 2.1.0dev (2013-12-15 trunk 44217) [x86_64-darwin13.0]	**Backport:**	1.9.3: UNKNOWN, 2.0.0

説明

I found that r44213 broke bundler includes 1.3.5 and 1.5.0.rc.1 with ruby-trunk.
it is cause of SystemStackError.

子チケット

関連するチケット

履歴



Hiroshi SHIBATA が4ヶ月前に更新

- **ステータス** を *Open* から *Closed* に変更

fixed by r44220

他

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added marshal_load and marshal_dump for ProxyTestResult. Behavior of ...

Browse code

...method_missing with Marshal.dump and Marshal.load is changing in ruby 2.0.0 later.

master v4.1.0.rc2 ··· v4.0.0



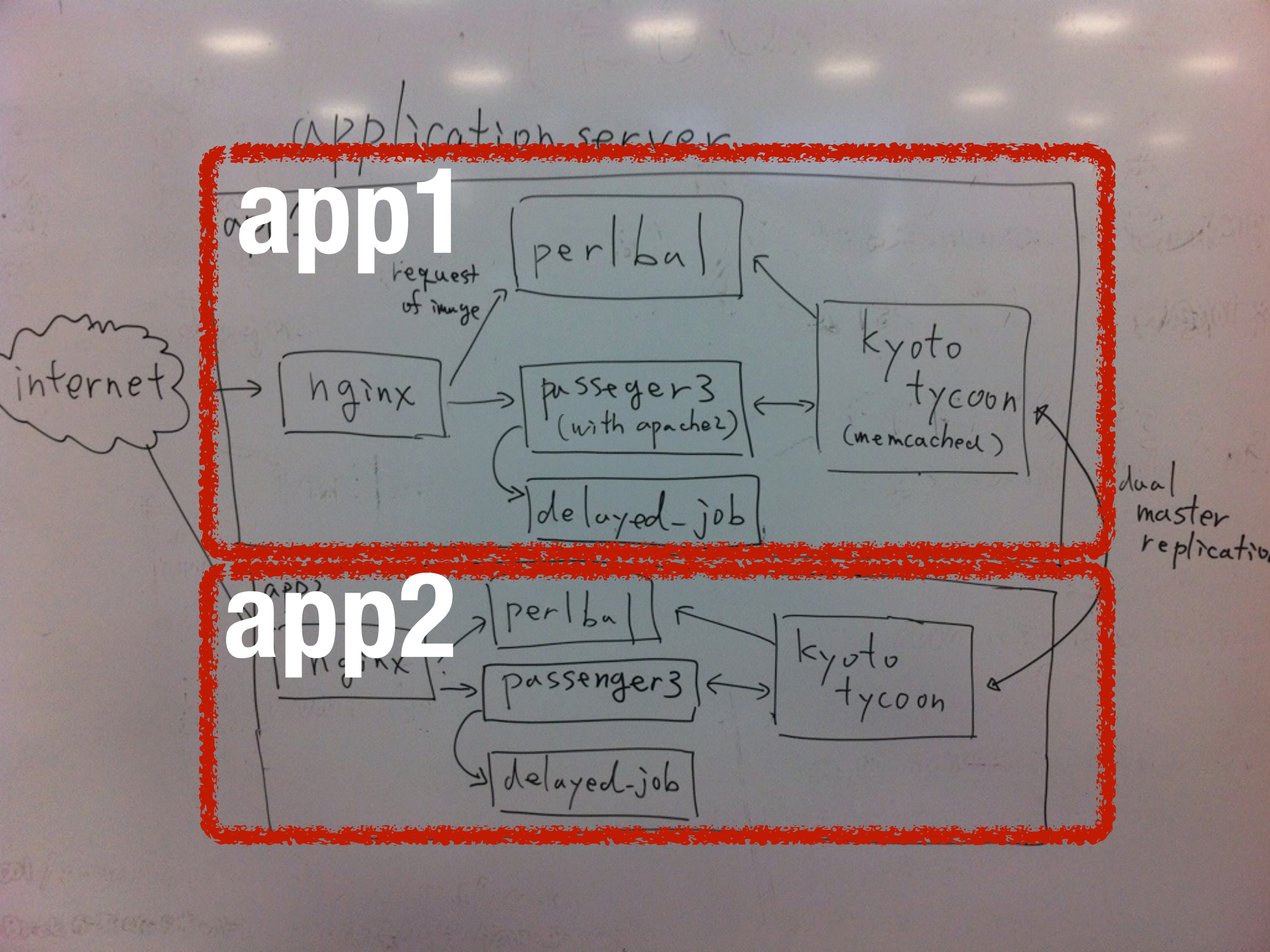
hsbt authored a year ago 1 parent 5458f50 commit bf620c09aaba53c9c1c8a5848fd6ca2f9b4ba421

Showing **1 changed file** with **10 additions** and **2 deletions**. Show diff stats

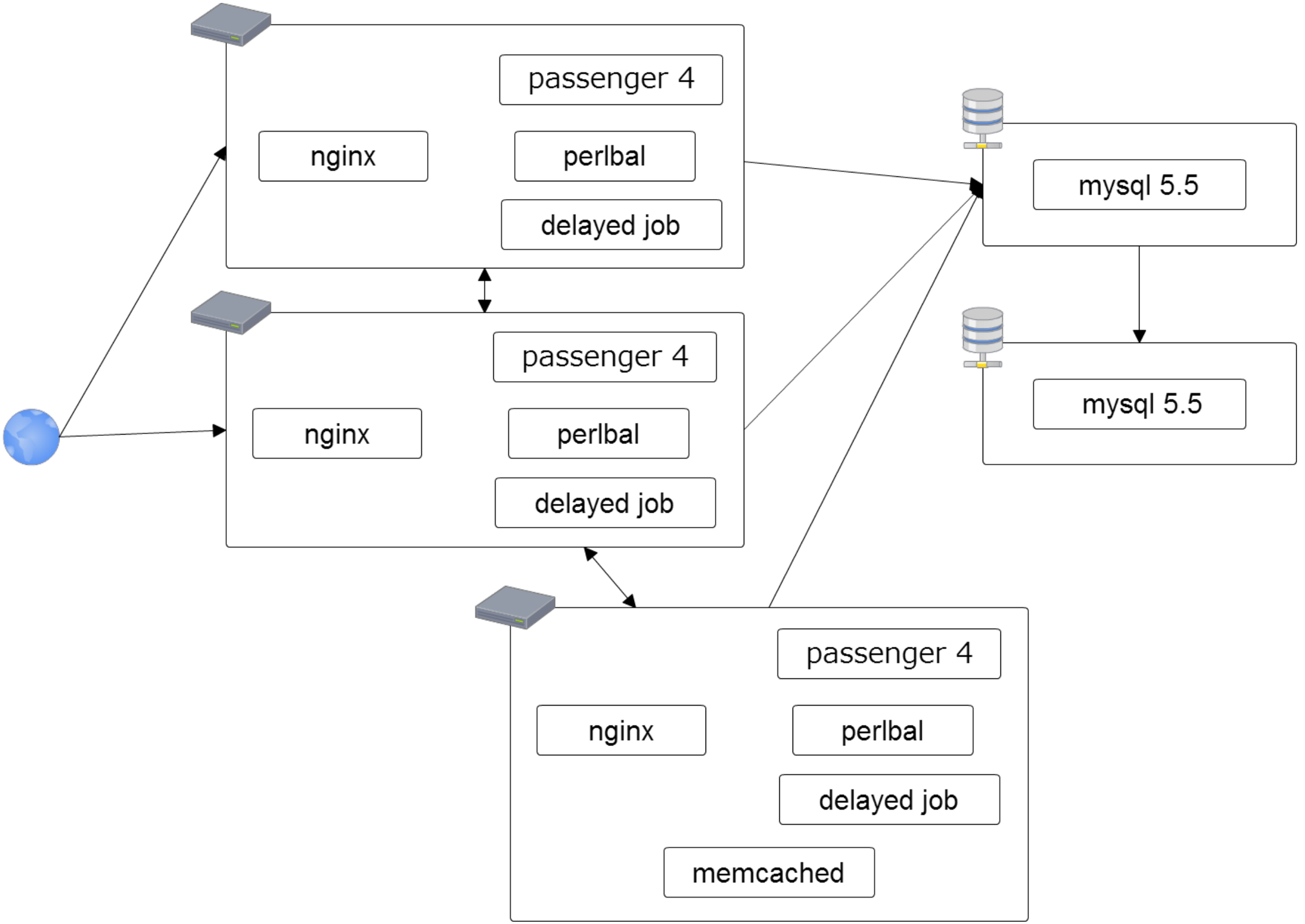
12 activesupport/lib/active_support/testing/isolation.rb View

```
@@ -12,8 +12,8 @@ def initialize(exception)
12 12       end
13 13
14 14       class ProxyTestResult
15    -      def initialize
16    -        @calls = []
   15 +      def initialize(calls = [])
   16 +        @calls = calls
17 17       end
18 18
19 19       def add_error(e)
@@ -27,6 +27,14 @@ def __replay__(result)
27 27         end
28 28       end
29 29
   30 +     def marshal_dump
   31 +       @calls
   32 +     end
   33 +
   34 +     def marshal_load(calls)
   35 +       initialize(calls)
   36 +     end
   37 +
30 38       def method_missing(name, *args)
31 39         @calls << [name, args]
32 40       end
```

Use modern architecture


application server
app1
internet
nginx
request of image
perlbal
passeger3 (with apache2)
delayed_job
kyoto tycoon (memcached)
dual master replicatio
app2
nginx
perlbal
passenger3
delayed-job
kyoto tycoon

kyoto tycoon is slower than mysql…


passenger 4
nginx
perlbal
delayed job
mysql 5.5
passenger 4
nginx
perlbal
delayed job
mysql 5.5
passenger 4
nginx
perlbal
delayed job
memcached

1.8 to 2.0

Speaker Deck Published on Mar 16, 2013



What a hard work to make the recipe sharing service available on Ruby 1.9.3!

by Kenta Murata

Published March 16, 2013 in Technology



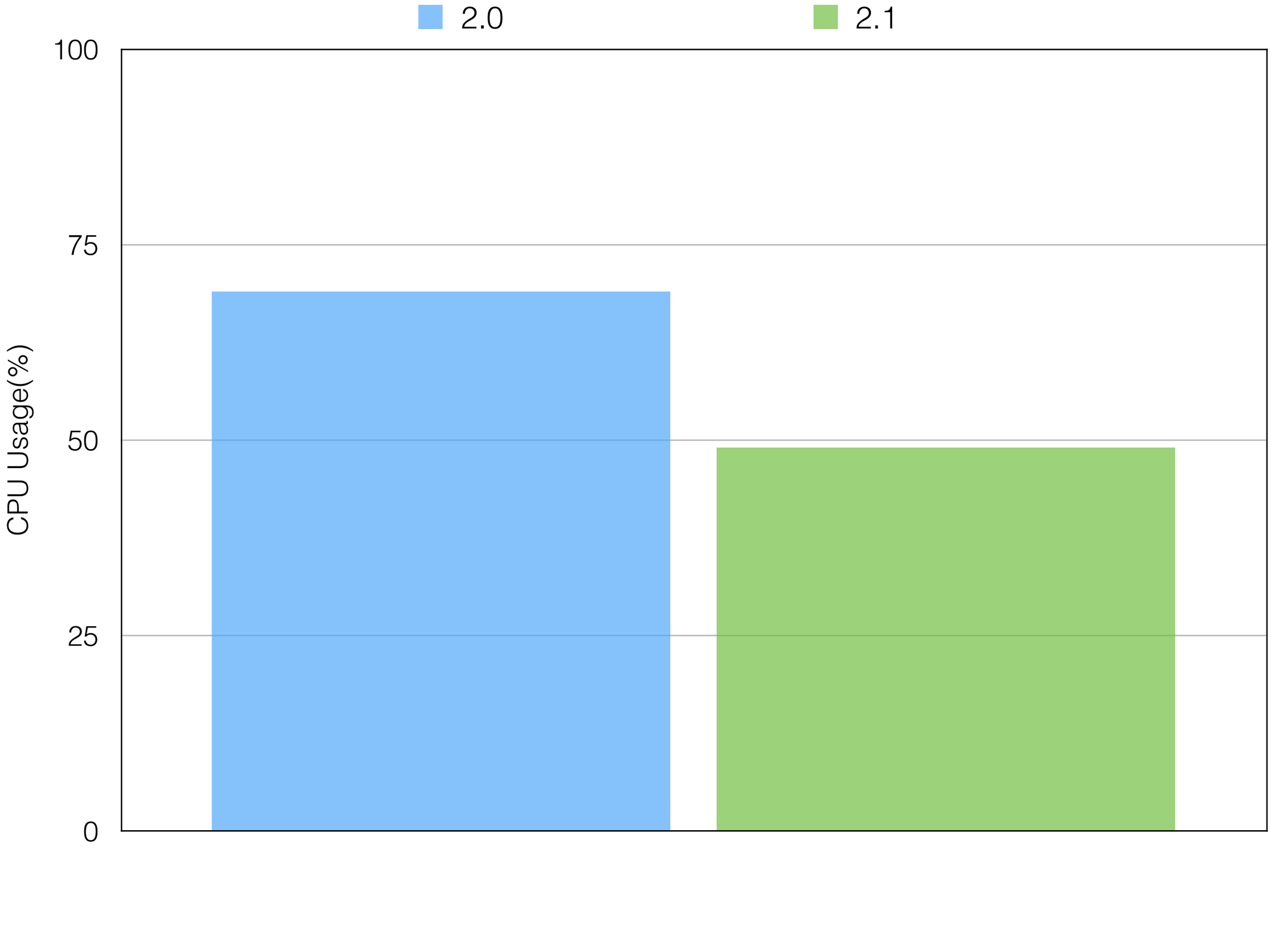
Kenta Murata
7 Presentations

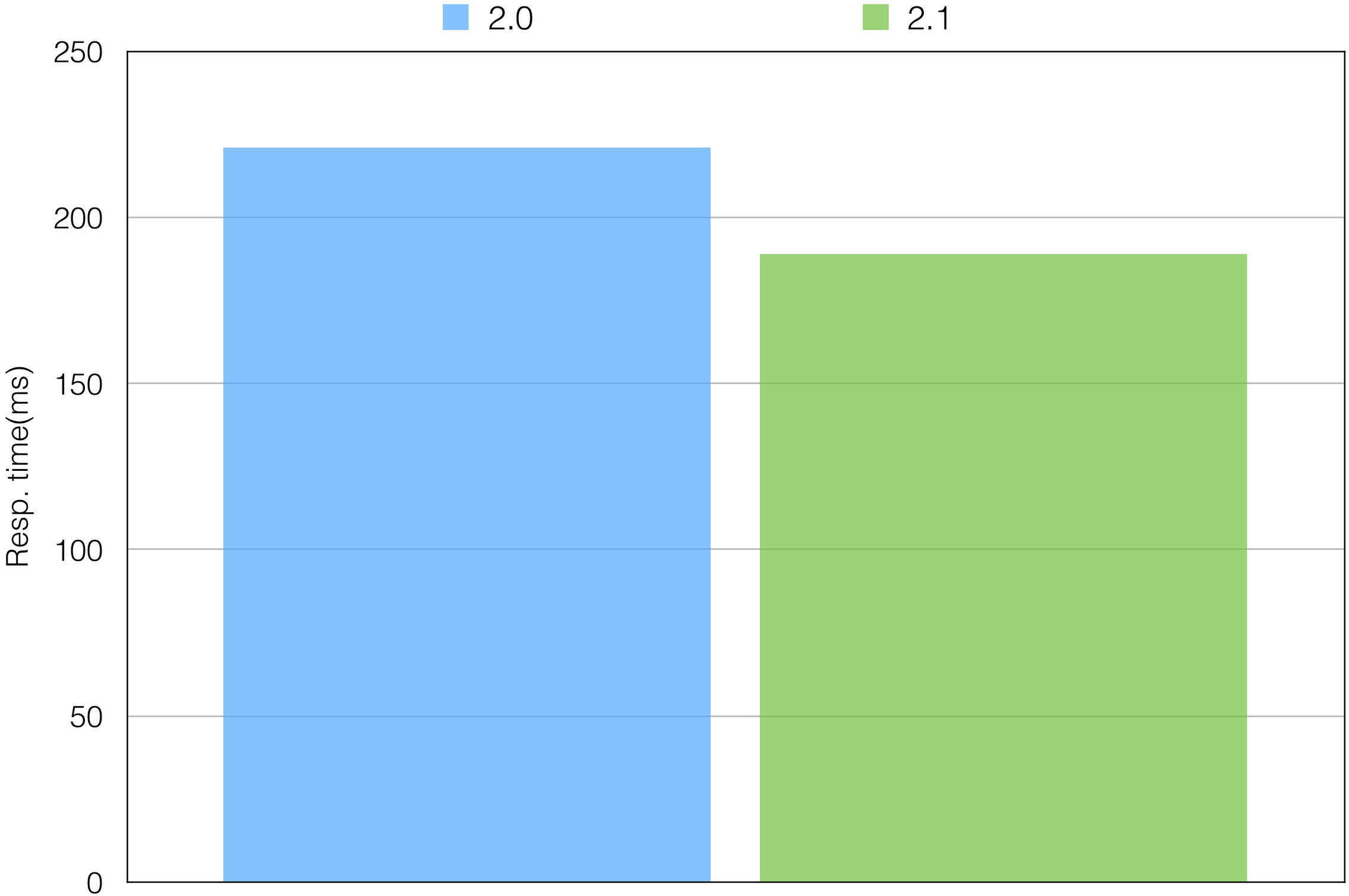
★ Unstar this Talk 16 Stars
Published in Technology
Stats 6,247 Views

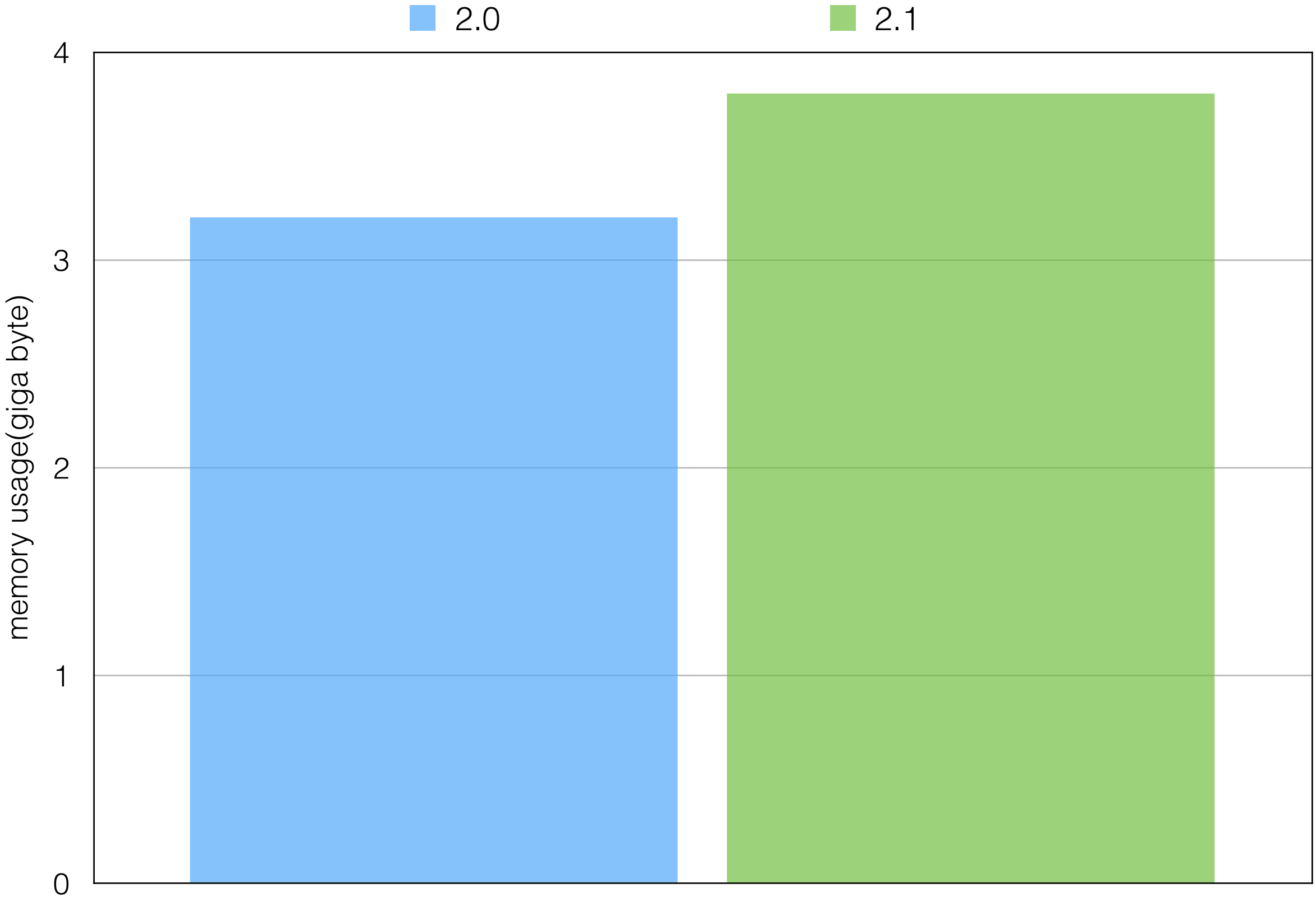
Share

Twitter, Facebook
Embed
Direct Link
Download PDF

2.0 to 2.1


2.0
2.1
100
75
50
25
0
CPU Usage(%)


2.0
2.1
250
200
150
100
50
0
Resp. time(ms)


2.0
2.1
4
3
2
1
0
memory usage(giga byte)

Regression of Hash#reject in Ruby 2.1.1

In Ruby 2.1.0 or earlier, the `reject` method in any class that inherits `Hash` returns an object of its own class. But in Ruby 2.1.1, this behavior has changed accidentally to return always a plain Hash object, not of the inherited class.

```
class SubHash < Hash
end

p Hash.new.reject { }.class
#=> 2.1.0: Hash, 2.1.1: Hash
p SubHash.new.reject { }.class
#=> 2.1.0: SubHash, 2.1.1: Hash
```

(To be exact, extra states such as instance variables, etc. aren't copied either.)

Ruby 2.1.1 shouldn't include such behavior changes, because with the release of Ruby 2.1.0 we've changed our versioning policy, so Ruby 2.1.1 is a patch level release and it shouldn't break backwards compatibility.

This regression could potentially affect many libraries, one such case is Rails' `HashWithIndifferentAccess` and `OrderedHash`. They are broken: Rails' issue #14188.

This behavior will be reverted to the 2.1.0 behavior in Ruby 2.1.2, but is expected to be the default behavior for Ruby 2.2.0: Feature #9223. So we recommend to fix your code in order to expect this behavior change.

This accident is caused by one missing backport commit. For more details, see http://blog.sorah.jp/2014/03/10/hash-reject-regression-in-ruby211.

Sorry for any inconvenience, and thank you for your support.

Posted by sorah on 10 Mar 2014

Recent News

OpenSSL Severe Vulnerability in TLS Heartbeat Extension (CVE-2014-0160)

Heap Overflow in YAML URI Escape Parsing (CVE-2014-2525)

eurucamp 2014 dates and CFP

RubyConf Taiwan 2014 Registration Now Open

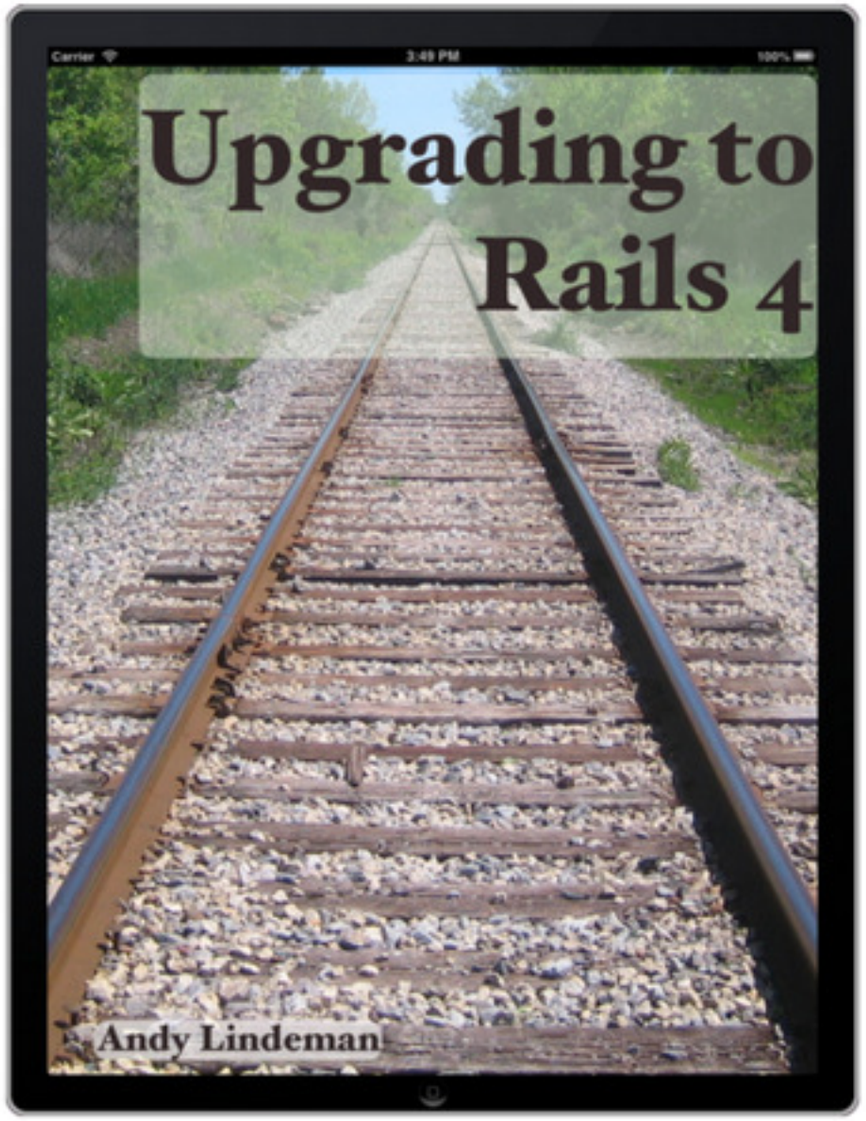
Regression of Hash#reject in Ruby 2.1.1

Syndicate

Recent News (RSS)

https://www.ruby-lang.org/en/news/2014/03/10/regression-of-hash-reject-in-ruby-2-1-1/

		Ruby				
		1.8.6	1.8.7	1.9.3	2.0.0	2.1
Rails	2.0/2.1	O	O	X	X	X
	2.3	X	O	X	X	X
	3.0	X	O	O	X	X
	3.2	X	O	O	O	X
	4.0	X	X	O	O	O



Deprecations

Upgrading to Rails 4 covers each change and guides you through the tweaks you'll need to make for a smooth upgrade.

New Features

Upgrading to Rails 4 covers the features you'll want to be aware of when modernizing existing applications.

Common Upgrading Scenarios

Upgrading to Rails 4 covers specific scenarios you may encounter with upgrading and what to do when come across them.

Formats

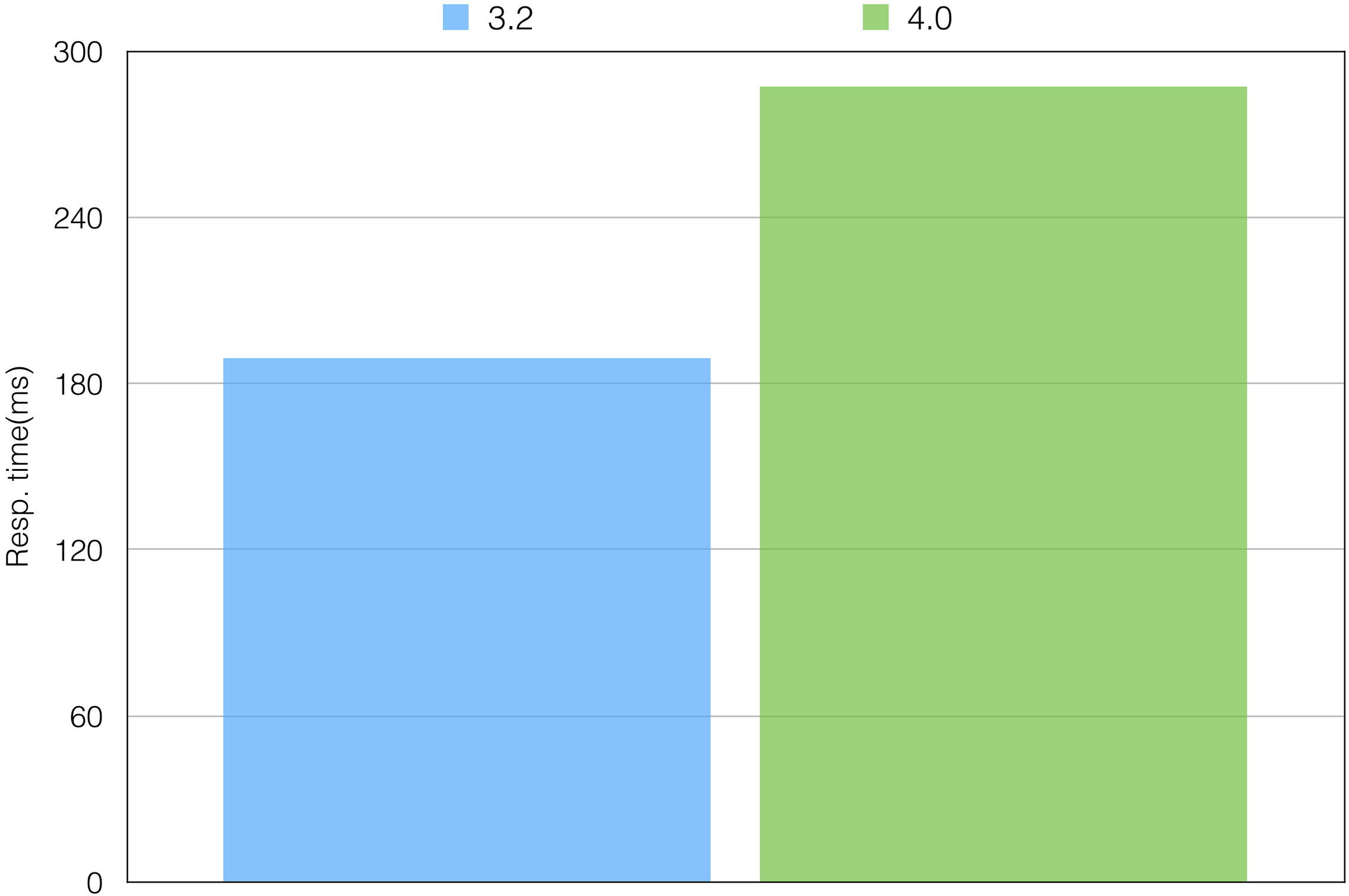
.pdf, .epub, .mobi (DRM-free)

Download on GitHub

If you found the book useful, please consider donating $15 or more to CFY.

Topics Covered

- Upgrade walkthrough and checklists
- Removal of Rails 2 style plugins
- Deprecation of Rails 2 finder syntax (e.g., `find(:all)`)
- Changes to routing: applications that use `match` may be affected
- Deprecation of certain dynamic finders (e.g., `find_all_by_...`)
- Deprecation of eager-evaluated scopes
- Changes to `ActiveRecord::Relation`: `#all`, `#includes`, and `#order`
- Turbolinks introduction and usage
- Thread-safe by default: how to upgrade and what to look out for
- Improvements to ActiveRecord associations
- Introduction of model and controller concerns: `app/models/concerns` and `app/controllers/concerns`
- Introduction of strong_parameters as an alternative to `attr_accessible` and `attr_protected`
- Support for the PATCH verb


3.2
4.0
300
240
180
120
60
0
Resp. time(ms)

		Ruby			
		1.9.3	2.0.0	2.1	2.2
Rails	3.0	○	×	×	×
	3.2	○	○	?	×
	4.0	○	○	○	?
	4.1	○	○	○	?

		Ruby			
		1.9.3	2.0.0	2.1	2.2
Rails	3.0	○	×	×	×
	3.2	○	○	?	×
	4.0	○	○	○	?
	4.1	○	○	○	?

New!!

A Guide for Upgrading Ruby on Rails

This guide provides steps to be followed when you upgrade your applications to a newer version of Ruby on Rails. These steps are also available in individual release guides.

1 General Advice

Before attempting to upgrade an existing application, you should be sure you have a good reason to upgrade. You need to balance out several factors: the need for new features, the increasing difficulty of finding support for old code, and your available time and skills, to name a few.

1.1 Test Coverage

The best way to be sure that your application still works after upgrading is to have good test coverage before you start the process. If you don't have automated tests that exercise the bulk of your application, you'll need to spend time manually exercising all the parts that have changed. In the case of a Rails upgrade, that will mean every single piece of functionality in the application. Do yourself a favor and make sure your test coverage is good *before* you start an upgrade.

1.2 Ruby Versions

Rails generally stays close to the latest released Ruby version when it's released:

- Rails 3 and above require Ruby 1.8.7 or higher. Support for all of the previous Ruby versions has been dropped officially. You should upgrade as early as possible.
- Rails 3.2.x is the last branch to support Ruby 1.8.7.
- Rails 4 prefers Ruby 2.0 and requires 1.9.3 or newer.



Ruby 1.8.7 p248 and p249 have marshaling bugs that crash Rails. Ruby Enterprise Edition has these fixed since the release of 1.8.7-2010.02. On the 1.9 front, Ruby 1.9.1 is

Chapters

1. General Advice
   - Test Coverage
   - Ruby Versions
2. Upgrading from Rails 4.0 to Rails 4.1
   - CSRF protection from remote `<script>` tags
   - Spring
   - `config/secrets.yml`
   - Changes to test helper
   - Cookies serializer
   - Flash structure changes
   - Changes in JSON handling
   - Usage of `return` within inline callback blocks
   - Methods defined in Active Record fixtures
   - I18n enforcing available locales
   - Mutator methods called on Relation
   - Changes on Default Scopes
   - Rendering content from

1. Flash structure changes

2. Mutator methods called on Relation

Handled NameError with Minitest 5 #386

Edit New Issue

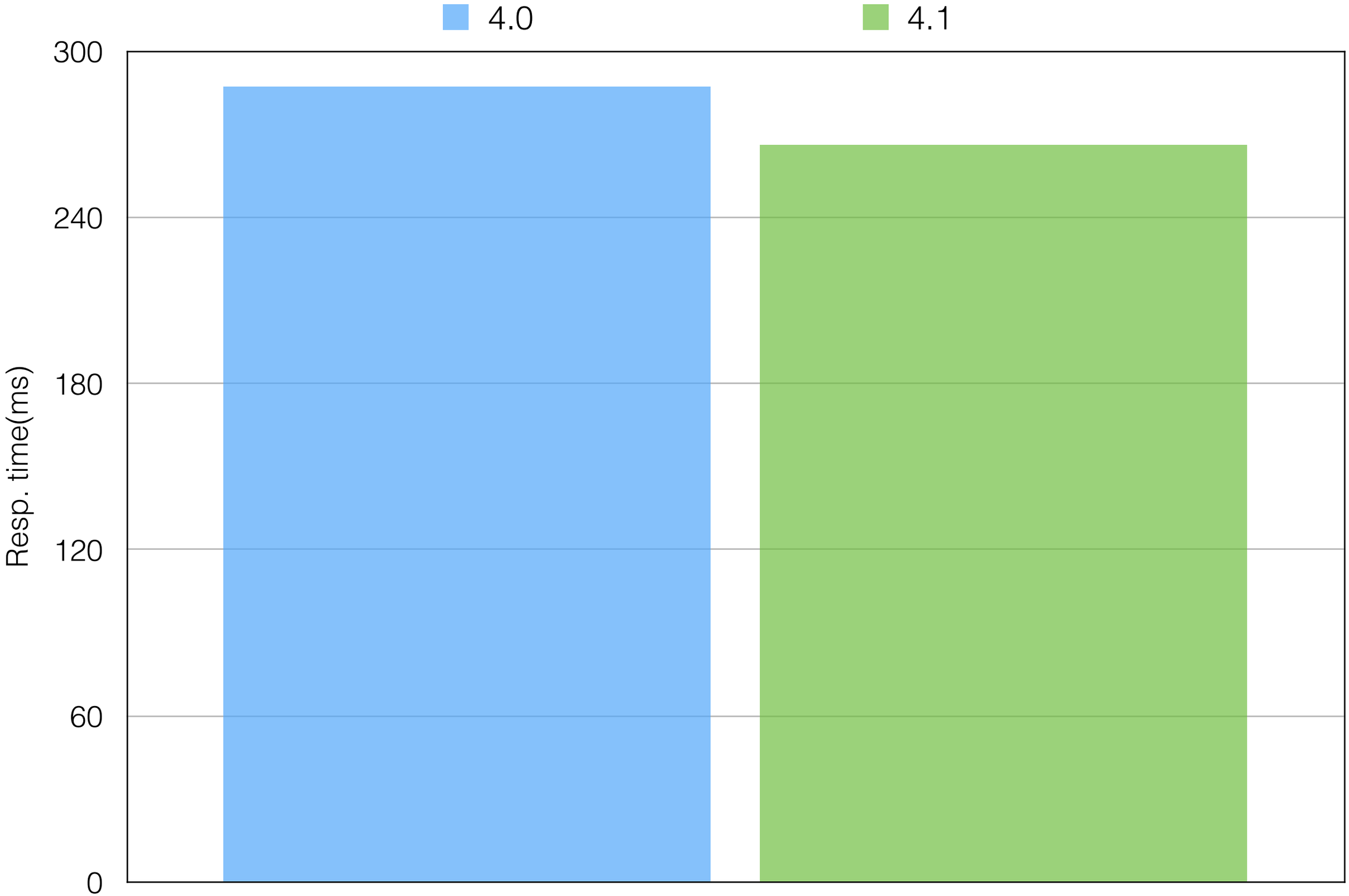
Merged **bblimke** merged 1 commit into `bblimke:master` from `hsbt:minitest5` about 21 hours ago

Conversation 2 Commits 1 Files changed 1 +12 −2

Showing **1 changed file** with **12 additions** and **2 deletions**. Show diff stats

14 lib/webmock/minitest.rb Open View

```
...  ...  @@ -1,6 +1,10 @@
 1    1    begin
 2    2      require 'minitest/test'
 3         -  test_class= MiniTest::Test
      3    +  begin
      4    +    test_class= MiniTest::Test
      5    +  rescue NameError
      6    +    test_class= Minitest::Test
      7    +  end
 4    8      assertions = "assertions"
 5    9    rescue LoadError
 6   10      require "minitest/unit"
@@ -30,4 +34,10 @@ def teardown_with_webmock
30   34      end
31   35    end
32   36
33         -WebMock::AssertionFailure.error_class = MiniTest::Assertion
      37   +begin
      38   +  error_class = MiniTest::Assertion
      39   +rescue NameError
      40   +  error_class = Minitest::Assertion
      41   +end
      42   +
```


4.0
4.1
300
240
180
120
60
0
Resp. time(ms)

		Ruby			
		1.9.3	2.0.0	2.1	2.2
Rails	3.0	○	×	×	×
	3.2	○	○	?	×
	4.0	○	○	○	?
	4.1	○	○	○	?

```ruby
class Bar
  def bar(foo = foo())
    foo
  end

  def buzz(foo = foo)
    foo
  end

  def foo
    :buzz
  end
end

p Bar.new.bar
p Bar.new.buzz
```

```
% ruby -v r45272.rb
ruby 2.2.0dev (2014-04-13 trunk 45580) [x86_64-darwin13]
:buzz
nil
```

```
% ruby -v r45272.rb
ruby 2.1.2p80 (2014-03-01 revision 45231) [x86_64-darwin13.0]
:buzz
:buzz
```

```
60          count = if has_cached_counter?
61            owner.send(:read_attribute, cached_counter_attribute_name)
62          elsif options[:counter_sql] || options[:finder_sql]
63            reflection.klass.count_by_sql(custom_counter_sql)
64          else
65            scope.count
66          end
67
68          # If there's nothing in the database and @target has no new records
69          # we are certain the current target is an empty array. This is a
70          # documented side-effect of the method that may avoid an extra SELECT.
71          @target ||= [] and loaded! if count == 0
72
73          [association_scope.limit_value, count].compact.min
74        end
75
76        if has_cached_counter?(reflection = reflection())
77          owner.attribute_present?(cached_counter_attribute_name(reflection))
78        end
79
80        def cached_counter_attribute_name(reflection = reflection())
81          options[:counter_cache] || "#{reflection.name}_count"
82        end
83
84        def update_counter(difference, reflection = reflection())
85          if has_cached_counter?(reflection)
86            counter = cached_counter_attribute_name(reflection)
87            owner.class.update_counters(owner.id, counter => difference)
88            owner[counter] += difference
89            owner.changed_attributes.delete(counter) # eww
90          end
91        end
92
93        # This shit is nasty. We need to avoid the following situation:
94        #
95        #   * An associated record is deleted via record.destroy
96        #   * Hence the callbacks run, and they find a belongs_to on the record with a
97        #     :counter_cache options which points back at our owner. So they update the
98        #     counter cache.
99        #   * In which case, we must make sure to *not* update the counter cache, or else
100       #     it will be decremented twice.
101       #
```

conclusion

1. fix your code
2. fix gem
3. fix Rails
4. fix Ruby