Ruby

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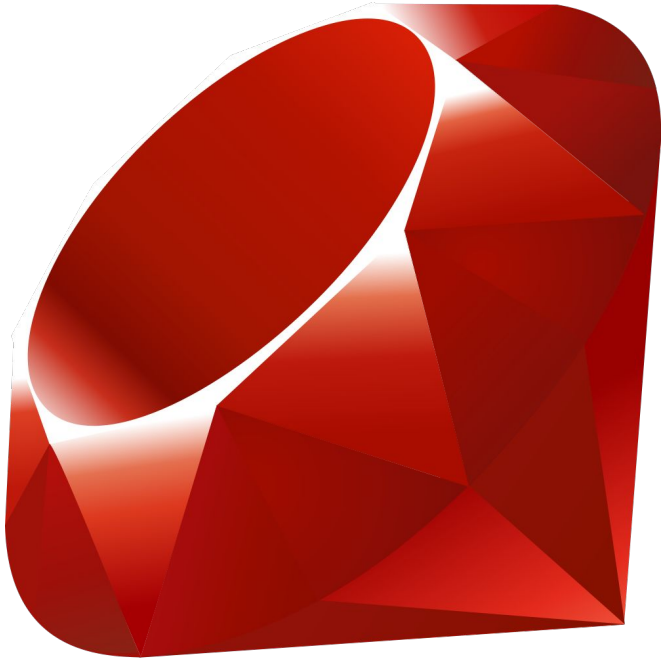

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There are numerous programming languages

But what we love most is..

Ruby

But what is Ruby?

Ruby the syntax

Ruby the philosophy

Ruby the library

Ruby the gems

Ruby the community

Yukihiro Matsumoto

“Ruby is simple in appearance, but is very complex inside, just like our human body” - Yukihiro Matsumoto

Ruby versions

- Ruby MRI
- JRuby
- goruby
- Rubinius

Basic features

- Classes, Inheritance
- Threads
- Cross Platform
- Garbage Collection
- Exception Handling
- Object Oriented
- Regular Expressions
- Variables are not typed
- Powerful string operations

Awesome Ruby

It’s beautiful

It's beautiful

```
puts "Hello World"
```

It's beautiful

```
a = 5

b = "HI"
```

Awesome Ruby

Everything is an object

Everything is an object

```
a = 5

a.class //Fixnum
```

Everything is an object

```
5.times { puts "Hello" }
```

Awesome Ruby

Duck Typing

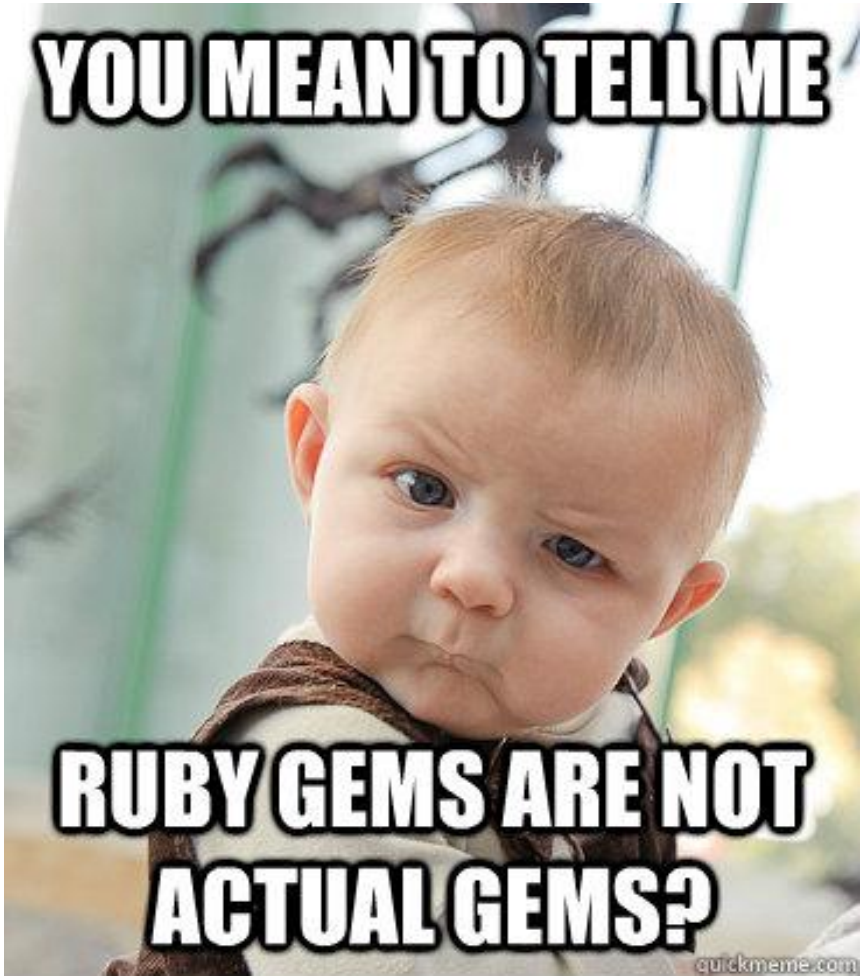
If an object walks like a duck and talks like a duck, then the Ruby interpreter is happy to treat it as if it were a duck.

Awesome Ruby

open classes

Awesome Ruby

gems



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gems

You can create your own gem

```
bundle gem GEMNAME
```

Demo

Part II

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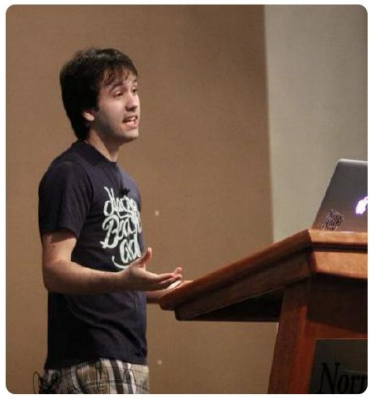
Search GitHub

Pull requests Issues Gist



José Valim

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Joined on May 7, 2008

5.1k Followers **221** Starred **24** Following

Organizations

Contributions | Repositories | Public activity

Unfollow | Block or report

Popular repositories

- **inherited_resources** — 2,548 ★
- **rails-footnotes** — Every Rails page has footnotes that gives info… — 1,407 ★
- **enginex** — An executable which creates a bare Rails 3 en… — 465 ★
- **easy_http_cache** — Allows Rails controllers to use HTTP cache sp… — 79 ★
- **xgen** — Integrating Elixir, Mix and OTP — 55 ★

Repositories contributed to

- **elixir-lang/elixir** — Elixir is a dynamic, functional language design… — 7,190 ★
- **elixir-lang/ecto** — A database wrapper and language integrated … — 1,799 ★
- **phoenixframew…/phoenix** — Productive. Reliable. Fast. — 6,464 ★
- **elixir-lang/elixir-lang.github.com** — Website for Elixir — 118 ★
- **elixir-lang/ex_doc** — ExDoc produces HTML and online documenta… — 229 ★

3,814 contributions in the last year

Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May

M W F

Summary of pull requests, issues opened, and commits. Learn how we count contributions.

Less More

Contribution activity

Period: 1 week

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Felix Krause

KrauseFx

Professional iOS Code Signing Issue Resolver - Developer of **@fastlane**

- Twitter
- San Francisco
- github@krausefx.com
- https://krausefx.com
- Joined on Jun 23, 2011

1.4k	526	9
Followers	Starred	Following

Organizations

Contributions | Repositories | Public activity

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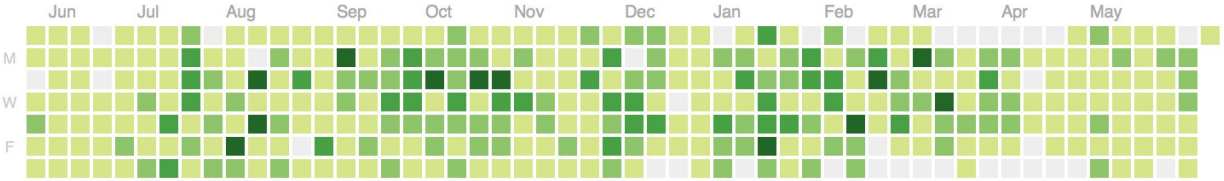
Popular repositories

- **TSMessages** — Easy to use and customizable messages/notifi… — 4,437 ★
- **what-terminal-is-felix-using** — For everyone who wants to know more about t… — 216 ★
- **fastrockets** — Visualize fastlane launches as rockets — 18 ★
- **evaluation_report** — The evaluation report I wrote about fastlane at… — 17 ★
- **trollol** — GitHub pull requests - done right — 12 ★

Repositories contributed to

- **fastlane/fastlane** — The easiest way to automate building and rele… — 8,410 ★
- **fastlane-old/spaceship** — Ruby library to access the Apple Dev Center a… — 709 ★
- **fastlane-old/fastlane_core** — All shared code of the fastlane toolchain — 35 ★
- **fastlane-old/gym** — Building your iOS apps has never been easier — 681 ★
- **fastlane-old/snapshot** — Automate taking localized screenshots of your… — 2,071 ★

6,733 contributions in the last year



Summary of pull requests, issues opened, and commits. Learn how we count contributions.

Less More

Contribution activity

Period: **1 week**

70 commits

Pushed 24 commits to fastlane/fastlane May 31 – Jun 4

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What if we didn't have Open Source

And the best part is, it's open source!

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1. Use Open Source Software

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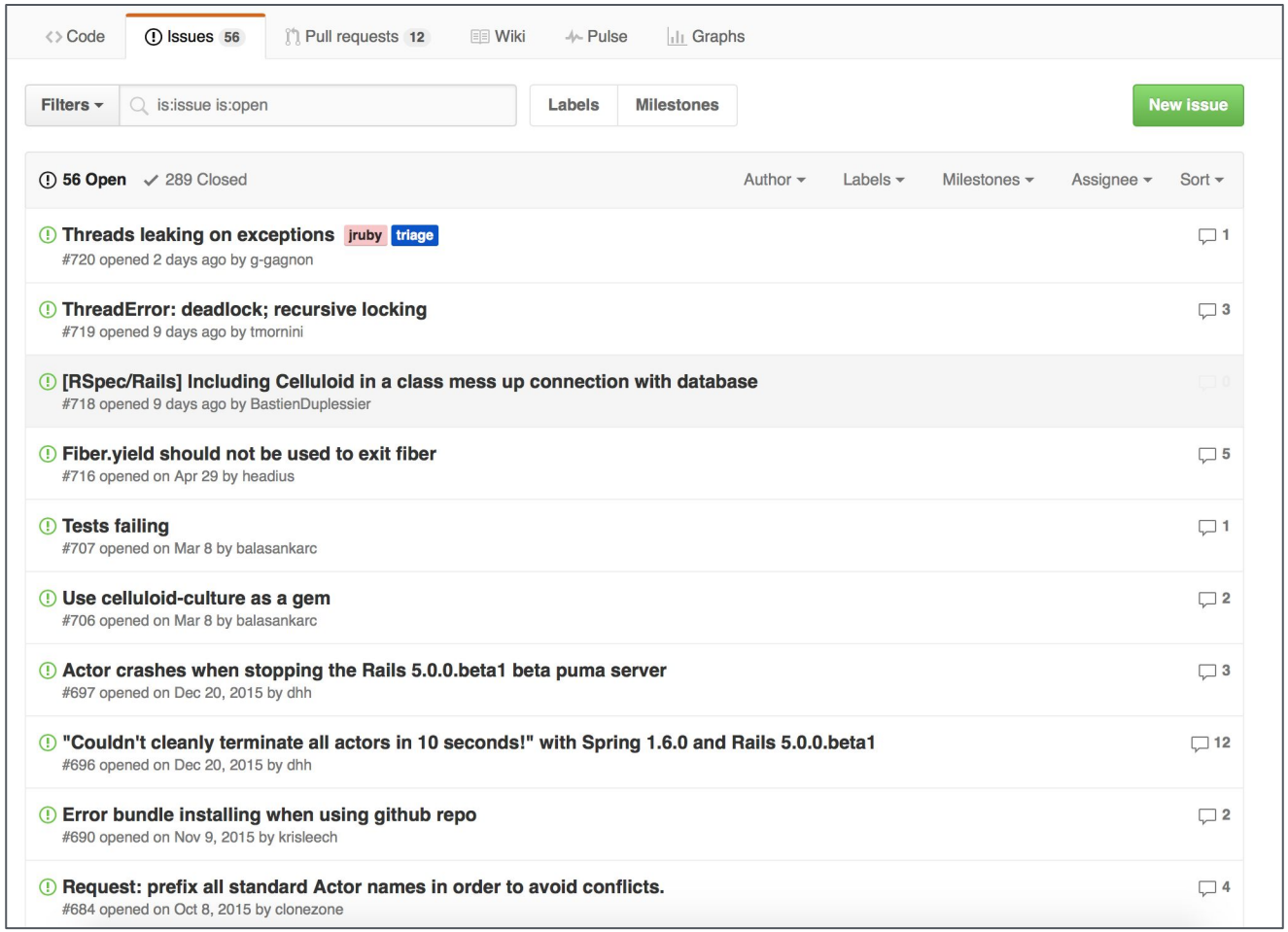
2. Report bugs if you find while using



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3. Start with small patches to gain confidence

1. Fork the repository

4. Participate in the mailing list / bug reporter to answer questions

This list is for discussion of the Bundler ruby gem, which helps developers manage their gem dependencies.
Documentation is available at bundler.io, and the source code is at github.com/bundler/bundler.
If you're having trouble with Bundler, please read the ISSUES document for troubleshooting help.

	Gem extensions vs Ruby versions (1) By Victor Shepelev - 1 post - 2 views	May 20
	Running Local Gems Without a Github Repository? (9) By Jon - 9 posts - 44 views	May 1
	Illegal environment variable name for gem repo mirror setting (3) By Jack C - 3 posts - 7 views	Apr 23
	Ruby Version as Resolution Dependency (2) By Richard Schneeman - 2 posts - 125 views	Mar 25
	Reporting "Pathological" Gemfiles (2) By Brian Buchalter - 2 posts - 7 views	Mar 23
	How to measure a Rubygems mirror? (1) By Erick Guan - 1 post - 5 views	Mar 17
	How does the bundler.io website do syntax highlighting? (3) By Dave Hein - 3 posts - 8 views	Mar 14
	bundler help test fails osx (3) By Vlad Shablinsky - 3 posts - 12 views	Mar 12
	How to tell Bundler to NOT use any --pre version? (3) By Mario Zaizar - 3 posts - 15 views	Mar 2

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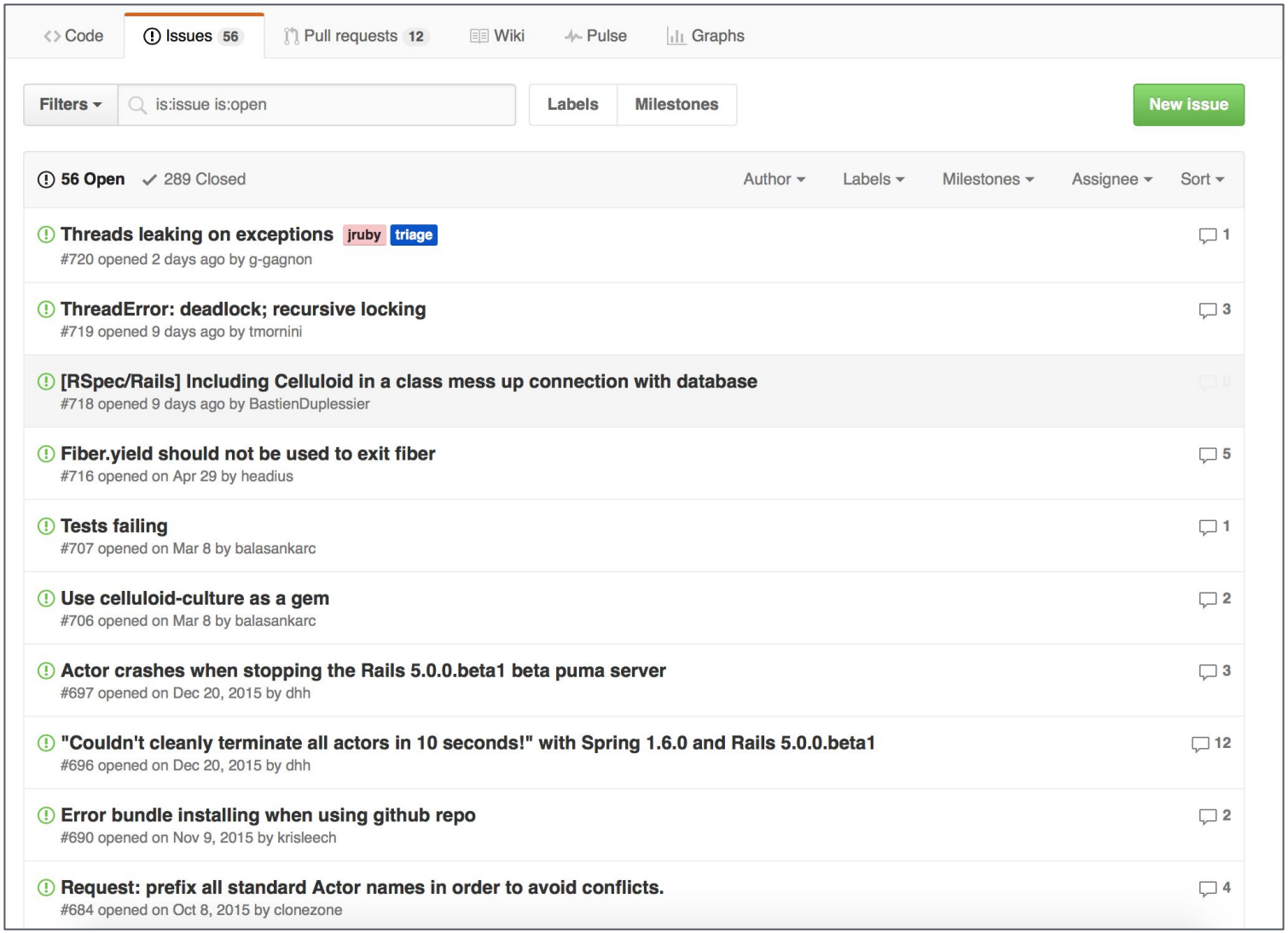
5. Make larger patches



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Money matters

Benefits of become an Open Source Contributor

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Google Summer of Code

Google

Summer of Code

OPEN SOURCE
NEEDS YOU
memegenerator.net

KEEP CALM

PRESENTATION IS OVER

ANY QUESTIONS?

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Thank you....

dilumn_

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