

# Ruby





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**99X Technology**

dilumn\_ 





**OPEN**  
**SOURCE**  
**SOFTWARE**

PRODUCT  
COMPANIES  
EXAMPLE  
TECHNOLOGIES  
EXPRESSION  
CONTENT  
INITIATIVE  
ETHICS  
COMMUNITIES  
POTENTIAL  
SYSTEMS  
MADE  
WORLD  
USERS  
SCIENCE  
VARIOUS  
ANOTHER  
OPERATING  
ADOB  
NUMBER  
WORKS  
RICHARD  
COPYRIGHT  
WHYOPEDIA  
WITHOUT  
CONCEPT  
CREATED  
NEW  
LICENSE  
USING  
FORMAT  
LAW  
PRODUCTS  
ECONOMIC  
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FILE  
DEVELOPMENT  
STANDARDS  
AVAILABLE  
MEDIA  
ORGANIZATIONS  
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MANY  
HARDWARE  
CODE  
CENTURY  
TERM  
RESEARCH  
COMMUNITY  
CULTURAL  
PLATFORM  
OPEN-SOURCE  
COMPUTER  
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PUBLIC  
SOCIETY  
INTELLECTUAL  
EXAMPLES  
UBLISHING  
PHARMACEUTICALS  
MESSAGEBOARDS  
BLOGS  
RAYMOND  
INCLUDING  
ANYONE  
ALSO  
INFORMATION  
NETWORK  
SHARING  
ECONOMICS  
SIMILAR  
DIGITAL  
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ECONOMICS  
SIMILAR  
DIGITAL

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

Object Oriented

Threads

Regular Expressions

Cross Platform

Variables are not typed

Garbage Collection

Powerful string operations

Exception Handling

# 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.

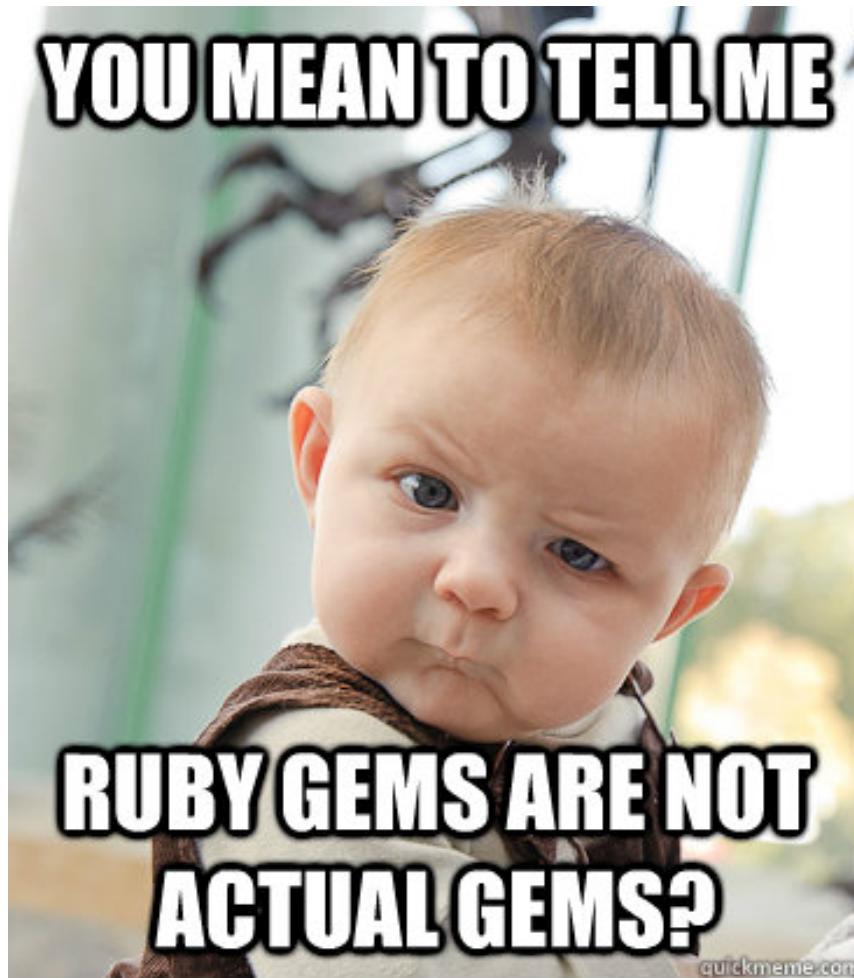
# Awesome Ruby

open classes



# Awesome Ruby

gems



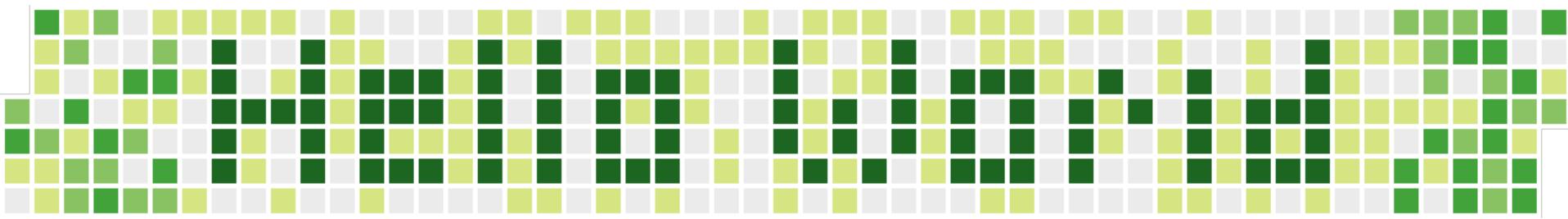
# gems

You can create your own gem

```
bundle gem GEMNAME
```

# Demo

# Part II





Search GitHub

Pull requests Issues Gist



## José Valim

josevalim

Plataformatec

Kraków, Poland

jose.valim@plataformatec.com...

<http://blog.plataformatec.com.br/>

Joined on May 7, 2008

**5.1k**

Followers

**221**

Starred

**24**

Following

### Organizations



### Contribution activity

Period: **1 week** ▾

Contributions

Repositories

Public activity

Unfollow

Block or report ▾



#### Popular repositories

[inherited\\_resources](#) 2,548 ★

[rails-footnotes](#) 1,407 ★  
Every Rails page has footnotes that gives info...

[enginex](#) 465 ★  
An executable which creates a bare Rails 3 en...

[easy\\_http\\_cache](#) 79 ★  
Allows Rails controllers to use HTTP cache sp...

[xgen](#) 55 ★  
Integrating Elixir, Mix and OTP

#### Repositories contributed to

[elixir-lang/elixir](#) 7,190 ★  
Elixir is a dynamic, functional language design...

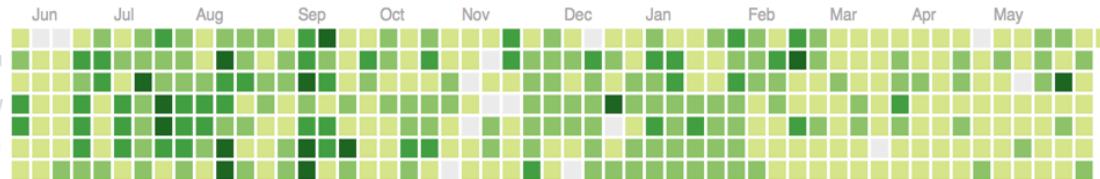
[elixir-lang/ecto](#) 1,799 ★  
A database wrapper and language integrated ...

[phoenixframework/phoenix](#) 6,464 ★  
Productive. Reliable. Fast.

[elixir-lang/exelixir-lang.github.com](#) 118 ★  
Website for Elixir

[elixir-lang/ex\\_doc](#) 229 ★  
ExDoc produces HTML and online documenta...

#### 3,814 contributions in the last year



Summary of pull requests, issues opened, and commits. [Learn how we count contributions.](#)

Less More



# Felix Krause

KrauseFx

Professional iOS Code Signing Issue  
Resolver - Developer of [@fastlane](#)



Twitter



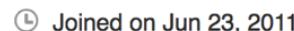
San Francisco



[github@krausefx.com](mailto:github@krausefx.com)



<https://krausefx.com>



Joined on Jun 23, 2011

**1.4k**

Followers

**526**

Starred

**9**

Following

## Organizations



[Contributions](#)

[Repositories](#)

[Public activity](#)

[Unfollow](#)

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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](#)

8,410 ★

The easiest way to automate building and rele...

[fastlane-old/spaceship](#)

709 ★

Ruby library to access the Apple Dev Center a...

[fastlane-old/fastlane\\_core](#)

35 ★

All shared code of the fastlane toolchain

[fastlane-old/gym](#)

681 ★

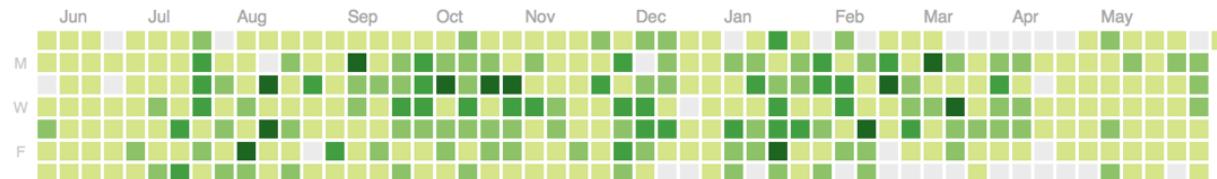
Building your iOS apps has never been easier

[fastlane-old/snapshot](#)

2,071 ★

Automate taking localized screenshots of your...

## 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

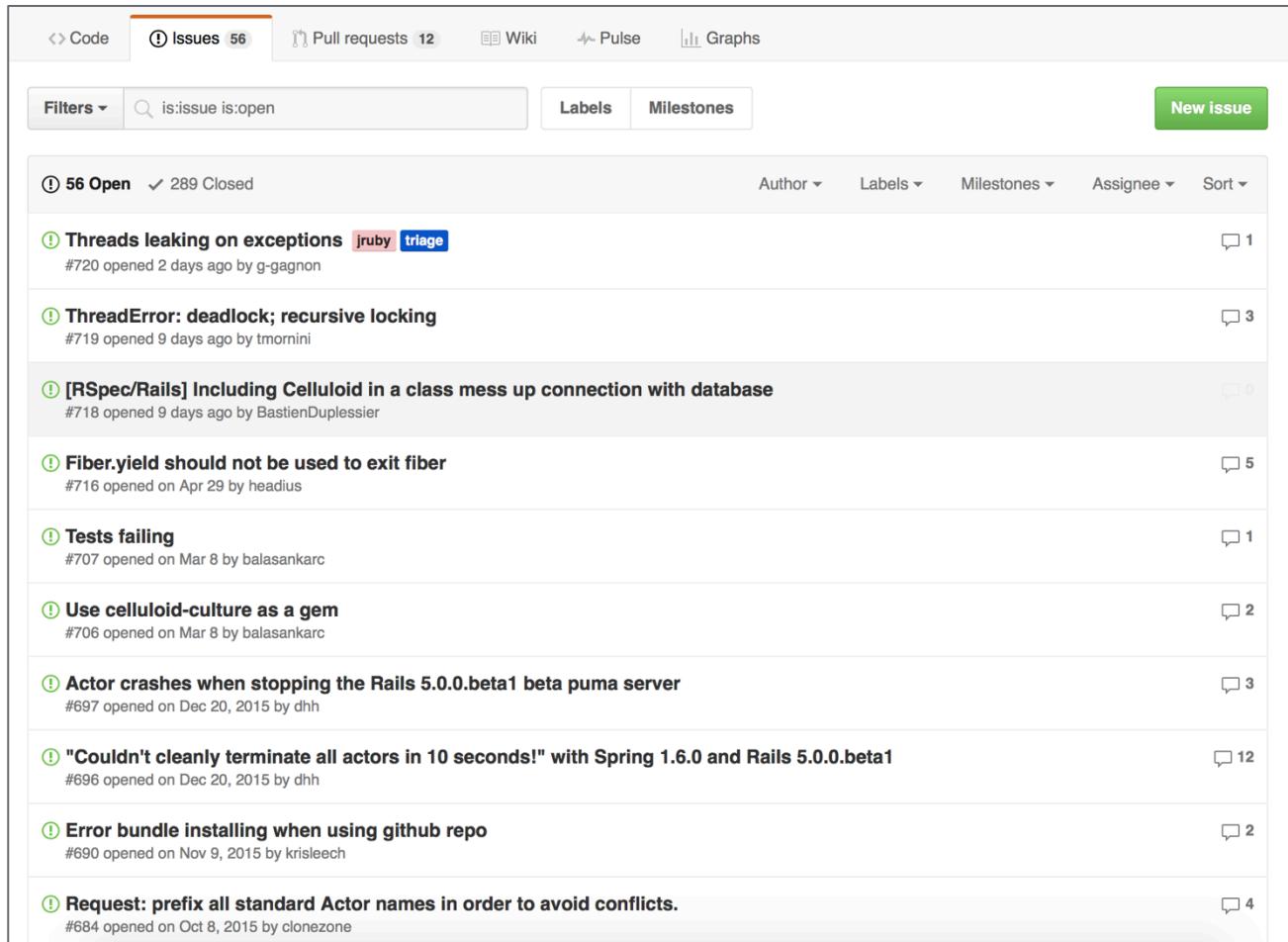
# What if we didn't have Open Source



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

# 1. Use Open Source Software

## 2. Report bugs if you find while using

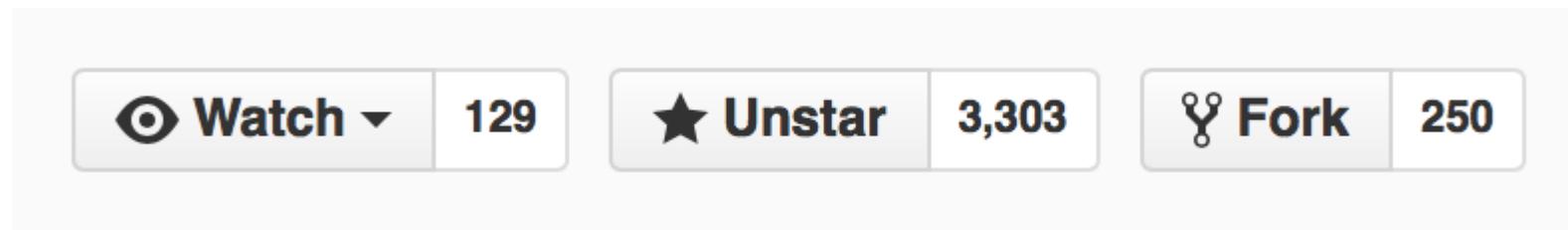


The screenshot shows a GitHub interface with the 'Issues' tab selected, displaying 56 open issues. The search bar filters for 'is:issue is:open'. The list includes various bug reports with details like title, creator, and age.

Issue Title	Creator	Age	Comments
Threads leaking on exceptions	jruby	2 days ago	1
ThreadError: deadlock; recursive locking	tmorinii	9 days ago	3
[RSpec/Rails] Including Celluloid in a class mess up connection with database	BastienDuplessier	9 days ago	0
Fiber.yield should not be used to exit fiber	headius	on Apr 29	5
Tests failing	balasankarc	on Mar 8	1
Use celluloid-culture as a gem	balasankarc	on Mar 8	2
Actor crashes when stopping the Rails 5.0.0.beta1 beta puma server	dhh	on Dec 20, 2015	3
"Couldn't cleanly terminate all actors in 10 seconds!" with Spring 1.6.0 and Rails 5.0.0.beta1	dhh	on Dec 20, 2015	12
Error bundle installing when using github repo	krisleech	on Nov 9, 2015	2
Request: prefix all standard Actor names in order to avoid conflicts.	clonezone	on Oct 8, 2015	4

### 3. Start with small patches to gain confidence

#### 1. Fork the repository



[dilumn / celluloid](#)  
forked from [celluloid/celluloid](#)



# 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](https://bundler.io), and the source code is at [github.com/bundler/bundler](https://github.com/bundler/bundler). If you're having trouble with Bundler, please read the [ISSUES](#) document for troubleshooting help.

	<b>Gem extensions vs Ruby versions</b> (1)	May 20
	<b>Running Local Gems Without a Github Repository?</b> (9)	May 1
	<b>Illegal environment variable name for gem repo mirror setting</b> (3)	Apr 23
	<b>Ruby Version as Resolution Dependency</b> (2)	Mar 25
	<b>Reporting "Pathological" Gemfiles</b> (2)	Mar 23
	<b>How to measure a Rubygems mirror?</b> (1)	Mar 17
	<b>How does the bundler.io website do syntax highlighting?</b> (3)	Mar 14
	<b>bundler help test fails osx</b> (3)	Mar 12
	<b>How to tell Bundler to NOT use any --pre version?</b> (3)	Mar 2

# 5. Make larger patches

The screenshot shows a GitHub repository's issues page with the following details:

- Issues:** 56 (56 Open, 289 Closed)
- Filters:** is:issue is:open
- Labels:** Labels and Milestones buttons
- New issue:** Green button
- Open Issues:** A list of 12 open pull requests, each with a title, a green warning icon, a label, the number of comments, and the date it was opened by the author.

Issue #	Title	Label	Comments	Opened By	Date
#720	Threads leaking on exceptions	jruby triage	1	g-gagnon	2 days ago
#719	ThreadError: deadlock; recursive locking		3	tmornini	9 days ago
#718	[RSpec/Rails] Including Celluloid in a class mess up connection with database		0	BastienDuplessier	9 days ago
#716	Fiber.yield should not be used to exit fiber		5	headius	Apr 29
#707	Tests failing		1	balasankarc	Mar 8
#706	Use celluloid-culture as a gem		2	balasankarc	Mar 8
#697	Actor crashes when stopping the Rails 5.0.0.beta1 beta puma server		3	dhh	Dec 20, 2015
#696	"Couldn't cleanly terminate all actors in 10 seconds!" with Spring 1.6.0 and Rails 5.0.0.beta1		12	dhh	Dec 20, 2015
#690	Error bundle installing when using github repo		2	krisleech	Nov 9, 2015
#684	Request: prefix all standard Actor names in order to avoid conflicts.		4	clonezone	Oct 8, 2015

# Money matters

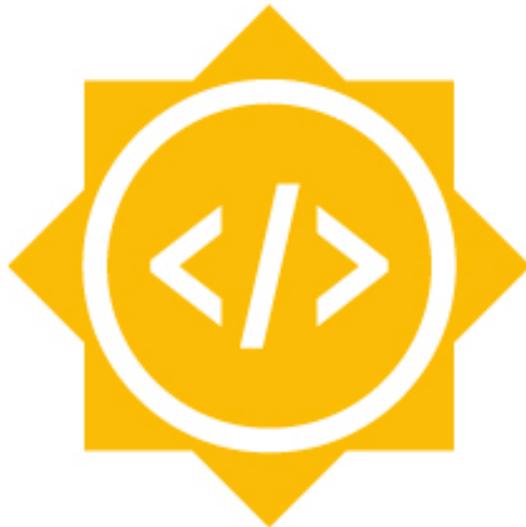
There Are Two Kinds of People



# Benefits of become an Open Source Contributor



# Google Summer of Code



Google  
Summer of Code

# OPEN SOURCE



# NEEDS YOU

memegenerator.net



**KEEP  
CALM  
PRESENTATION IS OVER  
ANY  
QUESTIONS?**

# Thank you....