

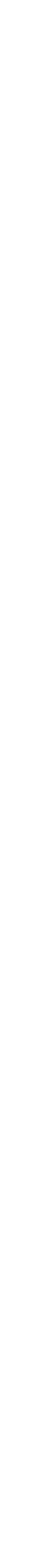
# Exploring Ruby's Ecosystem

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**Paolo Perrotta**  
FREELANCE DEVELOPER  
@nusco

# Ruby Implementations



- YARV**
- JRuby**
- mruby**
- Artichoke**
- Rubinius**
- TruffleRuby**
- GoRuby**
- IronRuby**
- REE**
- ...

Ruby Programming Language X +

ruby-lang.org/en/

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# Ruby

A PROGRAMMER'S BEST FRIEND

Downloads Documentation Libraries Community News Security About Ruby

## 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...](#)

```
# Output "I Love Ruby"
say = "I love Ruby"
puts say

# Output "I *LOVE* RUBY"
say['love'] = "*love*"
puts say.upcase

# Output "I *Love* Ruby"
# five times
5.times { puts say }
```

2021 Fukuoka Ruby Award Competition - Entries to be judged by Matz  
Dear Ruby Enthusiasts,  
[Continue Reading...](#)  
Posted by Fukuoka Ruby on 16 Jul 2020

Support of Ruby 2.4 has ended  
We announce that all support of the Ruby 2.4 series has ended.  
[Continue Reading...](#)  
Posted by usa on 5 Apr 2020

**Get Started, it's easy!**

[Try Ruby! \(in your browser\)](#)  
[Ruby in Twenty Minutes](#)  
[Ruby from Other Languages](#)

**Explore a new world...**

[Documentation](#)  
[Academic Research](#)

Home — JRuby.org

jruby.org

Home Try JRuby! News Downloads Getting Started Chat Community Documentation Security build passing

# The Ruby Programming Language on the JVM

# JRuby

Latest release - **9.2.13.0**

tar | zip | exe | exe(x64)

## WHY JRUBY?

### The Best of the JVM



- High performance
- Real threading
- Vast array of libraries

## GET STARTED

### It's Just Ruby



Ruby 2.5 compatible

## LEARN

## GET INVOLVED

### Platform Independent



- Easy to install
- Easy migration
- No hassles

## RECENT NEWS

[RSS](#)

### JRuby 9.2.13.0 Released

The JRuby community is pleased to announce the release of JRuby 9.2.13.0.

- Homepage: <http://www.jruby.org/>

## RECENT TWEETS

FOLLOW US ON TWITTER

### Tweets by @jruby

JRuby Dev Team  
@jruby

Meanwhile, you can check out our most recent

# RubyGems and Bundler

---

[RELEASES](#) [BLOG](#) [GEMS](#) [GUIDES](#) [SIGN IN](#) [SIGN UP](#)

# Find, install, and publish RubyGems.

**58,701,406,555**

DOWNLOADS &amp; COUNTING

[Install RubyGems](#)

STATUS

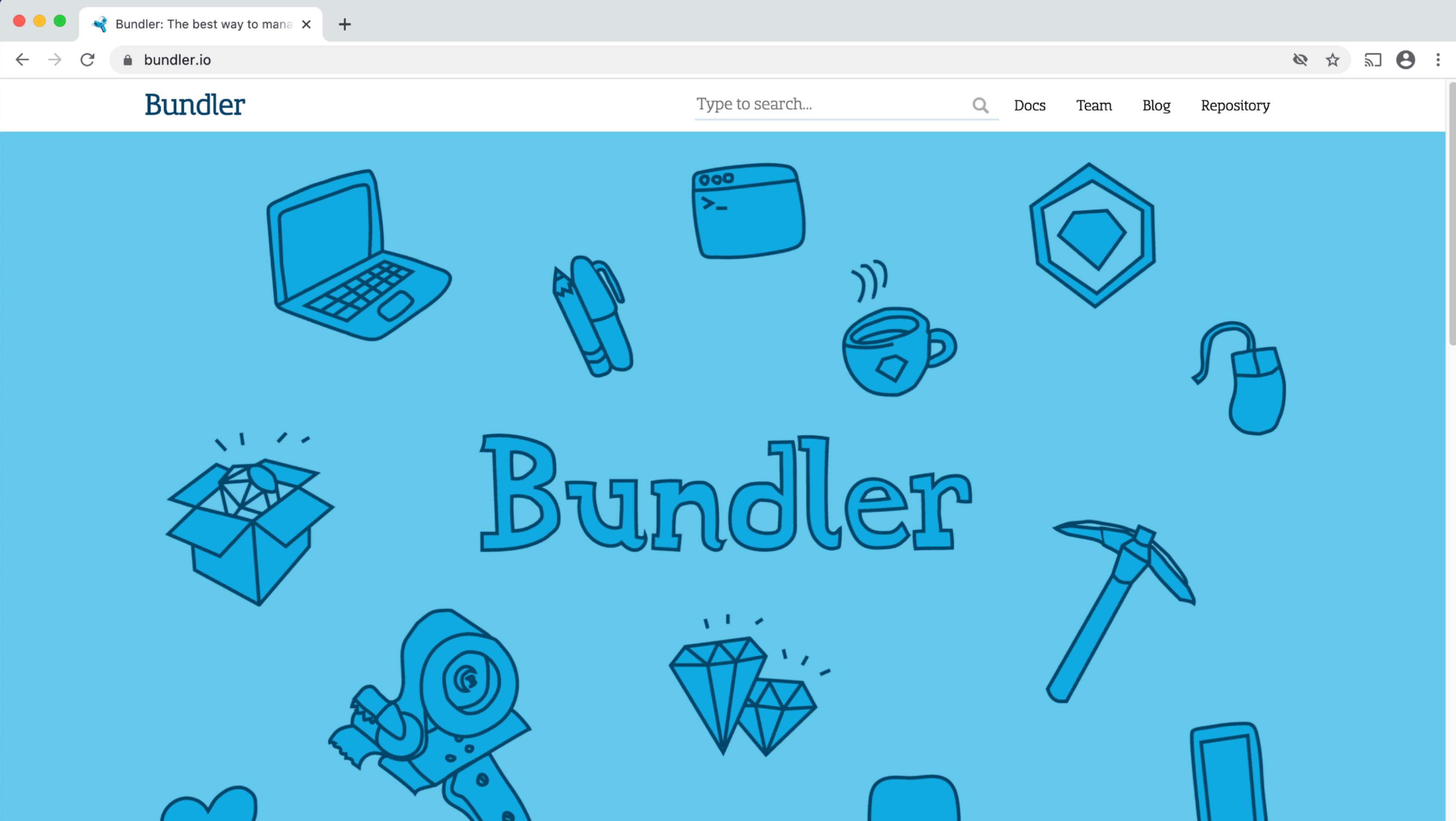


UPTIME

RubyGems.org is the Ruby community's gem hosting service. Instantly publish your gems and then install them. Use the API to find out more about available gems. Become a contributor and improve the site

YOURSELF

[STATUS](#)[UPTIME](#)[CODE](#)[DATA](#)



# Bundler

Type to search...



Docs

Team

Blog

Repository

# Editors and IDEs

---

# Where Would You Write Your Code?

## Static Languages

Most developers use Integrated Development Environments (IDEs): Eclipse, Visual Studio...

## Dynamic Languages

Most developers use modern text editors: Visual Studio Code, Atom, Sublime, vim...

albums.csv ×

```
1 Title,Author,Genre,Year
2 Revolver,The Beatles,Pop,1966
3 Time Out,Dave Brubeck,Jazz,1959
4 Exile on Main St.,The Rolling Stones,Rock,1972
5 Kind of Blue,Miles Davis,Jazz,1959
6 The Wall,Pink Floyd,Rock,1979
7 Thriller,Michael Jackson,Pop,1982
8 Blue Train,John Coltrane,Jazz,1958
9 Led Zeppelin II,Led Zeppelin,Rock,1969
10 A Love Supreme,John Coltrane,Jazz,1964
11 The Epic,Kamasi Washington,Jazz,2015
12 |
```

...

```
>pry
[1] pry(main)> require "csv"
=> true
[2] pry(main)> albums = CSV.read("albums.csv")
=> [[ "Title", "Author", "Genre", "Year" ],
[ "Revolver", "The Beatles", "Pop", "1966" ],
[ "Time Out", "Dave Brubeck", "Jazz", "1959" ],
[ "Exile on Main St.", "The Rolling Stones", "Rock", "1972" ],
[ "Kind of Blue", "Miles Davis", "Jazz", "1959" ],
[ "The Wall", "Pink Floyd", "Rock", "1979" ],
[ "Thriller", "Michael Jackson", "Pop", "1982" ],
[ "Blue Train", "John Coltrane", "Jazz", "1958" ],
[ "Led Zeppelin II", "Led Zeppelin", "Rock", "1969" ],
[ "A Love Supreme", "John Coltrane", "Jazz", "1964" ],
[ "The Epic", "Kamasi Washington", "Jazz", "2015" ]]
[3] pry(main)> albums[1]
=> [ "Revolver", "The Beatles", "Pop", "1966" ]
[4] pry(main)> albums[0]
=> [ "Title", "Author", "Genre", "Year" ]
[5] pry(main)> albums[2..4]
=> [[ "Time Out", "Dave Brubeck", "Jazz", "1959" ],
[ "Exile on Main St.", "The Rolling Stones", "Rock", "1972" ],
[ "Kind of Blue", "Miles Davis", "Jazz", "1959" ]]
[6] pry(main)> albums[1]
```

# The Ruby Community

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Many modern ideas about how to  
build and test software come  
from the Ruby community.

MINASWAN

“Matz Is Nice And So We Are Nice”

# Yukihiko “Matz” Matsumoto

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## Yukihiko Matsumoto

From Wikipedia, the free encyclopedia

**Yukihiko Matsumoto** (まつもと ゆきひろ, *Matsumoto Yukihiko*, born 14 April 1965), also known as **Matz**, is a Japanese computer scientist and [software programmer](#) best known as the chief designer of the [Ruby programming language](#) and its reference implementation, [Matz's Ruby Interpreter](#) (MRI). His demeanor has brought about a motto in the Ruby community: "Matz is nice and so we are nice," commonly abbreviated as MINASWAN.

As of 2011, Matsumoto is the Chief Architect of Ruby at [Heroku](#), an online cloud [platform-as-a-service](#) in San Francisco. He is a fellow of [Rakuten Institute of Technology](#), a research and development organisation in [Rakuten Inc.](#) He was appointed to the role of technical advisor for [VASILY, Inc.](#) starting in June 2014.<sup>[1]</sup>

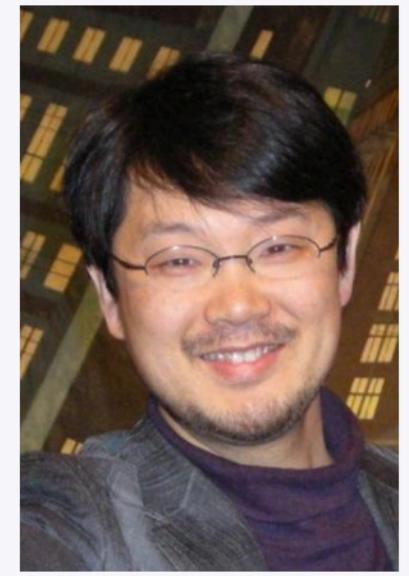
**Contents** [hide]

- 1 Early life
- 2 Work
  - 2.1 Ruby
  - 2.2 MRuby
  - 2.3 streem
  - 2.4 Treasure Data
- 3 Written works
- 4 Recognition
- 5 Personal life
- 6 See also
- 7 References
- 8 External links

**Early life** [edit]

Born in [Osaka Prefecture](#), Japan, he was raised in [Tottori Prefecture](#) from the age of four. According to an interview conducted by [Japan Inc.](#), he was a [...](#)

**Yukihiko Matsumoto**  
まつもと ゆきひろ  
松本 行弘



Yukihiko Matsumoto at the [ACM International Collegiate Programming Contest](#) in Tokyo, 14 March 2007

**Born** 14 April 1965 (age 55)  
[Osaka Prefecture](#), Japan

**Nationality** Japanese

**Other names** Matz

# Summary

**Interpreters**

**Libraries**

**Editors**

**The community**