

# Yukihiro Matsumoto

From Wikipedia, the free encyclopedia

**Yukihiro Matsumoto** (松本行弘 (まつもと ゆきひろ) *Matsumoto Yukihiro*, a.k.a. **Matz**, born 14 April 1965) 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>

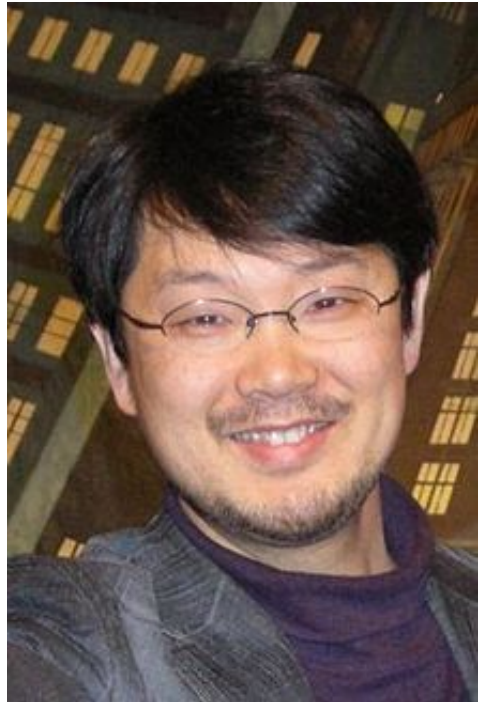
Matsumoto's name can be written using kanji: 松本行弘, but is normally written using hiragana: まつもと ゆきひろ.

## Contents

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

## Early life

**Yukihiro Matsumoto**  
松本行弘 (まつもと ゆきひろ)



Yukihiro Matsumoto at the ACM International Collegiate Programming Contest in Tokyo, 14 March 2007

<b>Born</b>	14 April 1965 <div>Osaka Prefecture, Japan</div>
<b>Nationality</b>	Japanese
<b>Occupation</b>	Computer scientist, programmer, author
<b>Known for</b>	Ruby
<b>Children</b>	4

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 self-taught programmer until the end of high school.<sup>[2]</sup> He graduated with an information science degree from University of Tsukuba, where he was a member of Ikuo Nakata's research lab on programming languages and compilers.

## Work

He worked for the Japanese open source company, netlab.jp. Matsumoto is also known as one of the open source evangelists in Japan. He's released several open source products, including email, the Emacs-based mail user agent, written entirely in Emacs Lisp. Ruby is his first piece of software that has become known outside of Japan.<sup>[3]</sup>

## Ruby

Matsumoto released the first version of the Ruby programming language on 21 December 1995.<sup>[4][5]</sup> He still leads the development of the language's reference implementation, MRI (for Matz's Ruby Interpreter).

## MRuby

In April 2012, Matsumoto open-sourced his work on a new implementation of Ruby called mruby.<sup>[6][7]</sup> It's a minimal implementation based on his virtual machine, called ritevm, and is designed to allow software developers to embed Ruby in other programs while keeping memory footprint small and performance optimised.

## streem

In December 2014, Matsumoto open-sourced his work on a new scripting language called streem, a concurrent language based on a programming model similar to shell, with influences from Ruby, Erlang and other functional programming languages.<sup>[8]</sup>

## Written works

- オブジェクト指向スクリプト言語 *Ruby* ISBN 4-756-13254-5
- *Ruby in a Nutshell* ISBN 0-596-00214-9
- *The Ruby Programming Language* ISBN 0-596-51617-7

## Recognition



Matsumoto giving the keynote speech at EuRuKo 2011



Matsumoto accepting an award from the Free Software Foundation in 2012

- Matsumoto received the 2011 Award for the Advancement of Free Software from the Free Software Foundation (FSF) at the 2012 LibrePlanet conference at the University of Massachusetts Boston in Boston.<sup>[9]</sup>

## Personal life

Matsumoto is married and has four children. He is a member of The Church of Jesus Christ of Latter-day Saints,<sup>[10]</sup> did standard service as a missionary and is now a counselor in the bishopric in his church ward.<sup>[11]</sup>

## See also

- Ruby on Rails

## References

1. "PRESSRELEASE - 株式会社VASILY(ヴァシリー)" (<http://vasily.jp/category/press/>). *vasily.jp*.
2. "The Man Who Gave Us Ruby" (<http://www.japaninc.com/article.php?articleID=828>). *japaninc.com*.
3. "Yukihiro Matsumoto" (<http://www.oreilly.com/pub/au/714>). *oreilly.com*. 1 February 2013.
4. More archeolinguistics: unearthing proto-Ruby (<http://eigenclass.org/hiki/ruby+0.95>)
5. "[ruby-talk:00382] Re: history of ruby" (<http://blade.nagaokaut.ac.jp/cgi-bin/scat.rb/ruby/ruby-talk/382>). *nagaokaut.ac.jp*.
6. mruby source code (<http://github.com/mruby/mruby>)
7. Matt Aimonetti. "mruby and MobiRuby - Matt Aimonetti" (<http://matt.aimonetti.net/posts/2012/04/20/mruby-and-mobiruby/>). *GitHub*.
8. "matz/streem" (<https://github.com/matz/streem>). *GitHub*.
9. "2011 Free Software Awards announced" (<http://www.fsf.org/news/2011-free-software-awards-announced>). *Free Software Foundation*. 26 March 2012.
10. "Hi I'm まつもとゆきひろ (Matsumoto "Matz" Yukihiro)" (<http://www.mormon.org/matz>). *mormon.org*. Retrieved 12 December 2014. "I am a computer programmer. I designed a programming language called ‘Ruby.’ I am a Mormon."
11. "Colloquium--Yukihiro Matsumoto" (<https://cs.byu.edu/article/colloquium-yukihiro-matsumoto>). *BYU*. Retrieved 4 June 2013.

## External links

- Matz's web diary (<http://www.rubyist.net/~matz/>) (and translated to English ([http://translate.google.com/translate?](http://translate.google.com/translate?u=http%3A%2F%2Fwww.rubyist.net%2F%7Ematz%2F&langpair=ja%7Cen&hl=en&ie=UTF-)



Wikiquote has quotations related to: ***Yukihiro Matsumoto***



Wikimedia Commons has media related to ***Yukihiro Matsumoto***.

u=http%3A%2F%2Fwww.rubyist.net%2F%7Ematz%2F&langpair=ja%7Cen&hl=en&ie=UTF-

8&oe=UTF-8&prev=%2Flanguage\_tools) with Google Translate) (**Japanese**)

- Ruby Design Principles talk (<http://www.itconversations.com/shows/detail1638.html>) from IT Conversations
- The Ruby Programming Language (<http://www.informit.com/articles/article.aspx?p=18225>) – An introduction to the language by its own author
- Treating Code as an Essay (<http://dorai.wordpress.com/2007/08/08/treating-code-as-essay/>) – Matz's writeup for the book *Beautiful Code*, edited by Andy Oram, Greg Wilson, O'Reilly, 2007. ISBN 0-596-51004-7 ISBN 9780596510046

Retrieved from "[http://en.wikipedia.org/w/index.php?title=Yukihiro\\_Matsumoto&oldid=656722093](http://en.wikipedia.org/w/index.php?title=Yukihiro_Matsumoto&oldid=656722093)"

Categories: 1965 births | Free software programmers | Japanese computer scientists

| Japanese Latter Day Saints | Living people | People from Osaka Prefecture

| Programming language designers | Ruby (programming language) | University of Tsukuba alumni

| Japanese computer programmers

- 
- This page was last modified on 16 April 2015, at 07:22.
  - Text is available under the Creative Commons Attribution-ShareAlike License; additional terms may apply. By using this site, you agree to the Terms of Use and Privacy Policy. Wikipedia® is a registered trademark of the Wikimedia Foundation, Inc., a non-profit organization.