Ruby Habits

1ST EDITION

RUBY
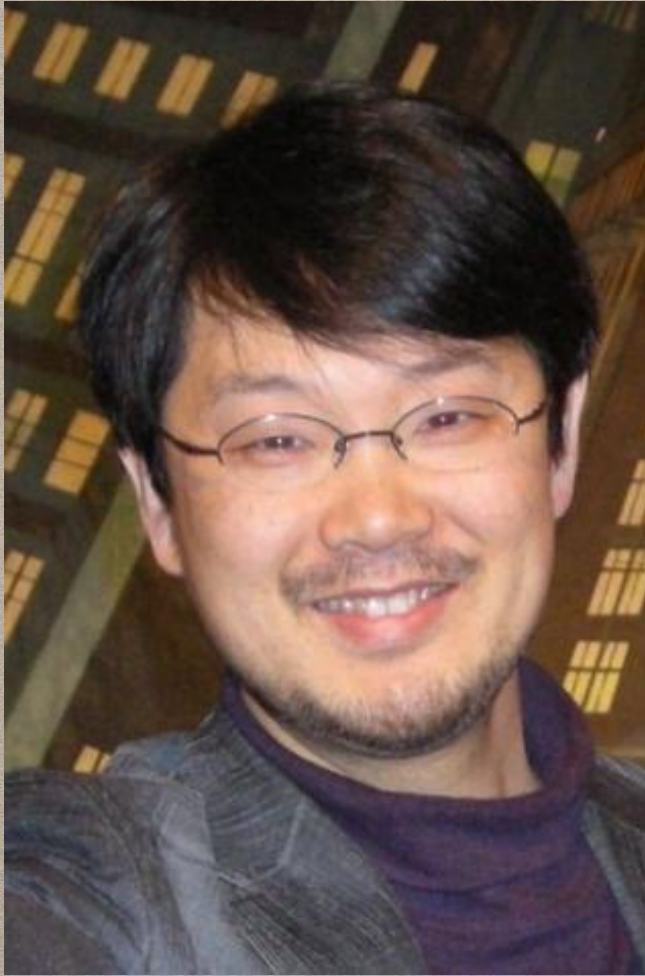
A BRIEF LOOK

A BRIEF LOOK INTO RUBY

- History

- What is Ruby? Why use Ruby?

- Installing Ruby

- Ruby gems

YUKIHIRO MATSUMOTO

"I hope to see Ruby help every programmer in the world to be **productive**, and to **enjoy programming**, and to **be happy**. That is the primary purpose of Ruby language."

–Matz

RUBY'S DEVELOPMENT

- 1993 - first envisaged

- 1996 - Version 1.0

- 1998 - English homepage

- 1999 - ruby talk

- 2000 - surpassed python's popularity in Japan + first English book

- *early* 2013 - Version 2.0

- *late* 2013 - semantic versioning (v2.1.0)

- From late 2014 to today - Version 2.2.0

"Matz Is Nice And So We Are Nice"

Q: WHAT IS RUBY?

A: A PROGRAMMING LANGUAGE BUILT ON TOP OF C

W... WHY BUILT ON TOP? ISN'T C GOOD ENOUGH?

LET'S LOOK AT SOME CODE

RUBY   C

```ruby
3.times do
  puts "Hello World!"
end
```

```c
int i = 1;
while (i < 3) {
    printf("Hello World!);
}
```

LOVELY.

EVERYONE INSTALLED RUBY?

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INSTALLING RUBY ON DIFFERENT COMPUTERS

Windows

- http:// rubyinstaller.org/

Mac

- OS X comes with Ruby pre-installed

- Before Mavericks it was Ruby 1.8, now it's Ruby 2.0

Linux

- https://www.ruby-lang.org/en/ documentation/ installation/

MANAGING DIFFERENT VERSIONS OF RUBY

- RVM (https://rvm.io/)

- rbenv (https://github.com/sstephenson/rbenv)

- chruby (https://github.com/postmodern/chruby)

WHAT ARE GEMS?

A GEM IS A LIBRARY OF PRE-WRITTEN RUBY CODE WE CAN USE TO MAKE GREAT

(MORE INFO: HTTP://GUIDES.RUBYGEMS.ORG/WHAT-IS-A-GEM/)

SOME NOTABLE EXAMPLES OF GEMS YOU MAY HEARD OF

- Rails

- SASS

- Bundler