



Introduction



Outline

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5. Big websites are built from Ruby



1. What is Ruby?



Ruby

A PROGRAMMER'S BEST FRIEND

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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.



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```
# The Greeter class
class Greeter
  def initialize(name)
    @name = name.capitalize
  end

  def salute
    puts "Hello #{@name}!"
  end
end

# Create a new object
g = Greeter.new("world")

# Output "Hello World!"
g.salute
```



2. History and Background

- ❖ Developed in Japan
- ❖ Ruby's creator: Yukihiro Matsumoto
- ❖ First public release in 1995
- ❖ Aim was in “trying to make Ruby natural, not simple”



3. Installation - Windows environment

**RubyInstaller**
for Windows

AboutDownloadHelp

The easy way to install Ruby on Windows

This is a **self-contained Windows-based installer** that includes the **Ruby language**, an execution environment, important **documentation**, and more.

[Download](#)[Add-ons](#)



Latest News

RubyInstaller 2.4.2-2 released

It includes several security and many bug-fixes. See the [ruby-2.4.2 release post](#) and the [the RubyInstaller CHANGELOG](#) for more details.

2017-09-15 [Read full article](#)

RubyInstaller 2.4.1-2 released

RubyInstaller 2.4.1-2 for Windows has been released and is available in the [Download section](#)!

2017-07-04 [Read full article](#)

Extras

ONLINE RUBY PROGRAMMING COURSE


If you're new to Ruby, check out this online course from The Pragmatic Studio to learn all the fundamentals of object-oriented programming with Ruby.

ONLINE RAILS PROGRAMMING COURSE

If you're looking to create Ruby on Rails web apps, you'll learn how to build a complete Rails 4 app step-by-step in this online course also from The Pragmatic Studio.



3. Installation - Unix environment



SUPPORT

RVM is maintained by community of volunteers, report issues to RVM issues tracker.

If you can help or wish to become one of the maintainers - just start helping. You can find more RVM related projects at RVM Github organization.

DONATION

Love RVM? Help us maintain RVM, a donation can help with it.

donate \$5 donate \$20 donate \$100

Want to help in other way, want to be a sponsor? contact: Michal Papis

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Ruby Version Manager (RVM)

RVM is a command-line tool which allows you to easily install, manage, and work with multiple ruby environments from interpreters to sets of gems.



Cut Rubies with ease!

- Install RVM:

```
$ gpg --keyserver hkp://keys.gnupg.net --recv-keys 409B6B1796C275462A1703113804BB82D39DC0E3 7D2BAF1CF37B13E
```

```
$ \curl -sSL https://get.rvm.io | bash -s stable
```

For all in one installation append `--rails` or `--ruby` or `--ruby=1.9.3`

RVM Documentation Index | RVM Blog

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3. Installation - cloud environment



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repl.it is a **cloud coding environment** for Kotlin (beta)_

join a community of
engineers, teachers, and students



REPL.IT CLASSROOM IS HERE!



4. The very first program

```
# hello_world.rb  
puts "Hello world"
```

```
# Terminal  
$ ruby hello_world.rb  
Hello world
```




5. Big websites are built from Ruby

- ❖ <https://basecamp.com/>
- ❖ <https://www.shopify.com/>
- ❖ <https://github.com/>
- ❖ <http://www.hulu.com/>
- ❖ <https://www.kickstarter.com/>
- ❖ <http://www.airbnb.com/>
- ❖ <http://www.goodreads.com/>



Thank you!