

Ruby Introduction

Overview

<https://www.tutorialspoint.com/ruby/index.htm>

https://www.tutorialspoint.com/ruby/ruby_overview.htm

Official Documentation

<https://www.ruby-lang.org/en/documentation/>

Installation

We will install the latest stable version of ruby.

https://www.phusionpassenger.com/library/walkthroughs/deploy/ruby/ownserver/nginx/oss/install_language_runtime.html

Editor

We will be using any one of the following

- [Sublime Text](#)
- [Atom](#)
- [Visual Studio Code](#)

Concepts

Syntax

https://www.tutorialspoint.com/ruby/ruby_syntax.htm

Classes and Objects

https://www.tutorialspoint.com/ruby/ruby_classes.htm

Basic

Variables

https://www.tutorialspoint.com/ruby/ruby_variables.htm

<https://launchschool.com/books/ruby/read/variables>

Operators

https://www.tutorialspoint.com/ruby/ruby_operators.htm

<https://launchschool.com/books/ruby/read/basics#operations>

Comments

https://www.tutorialspoint.com/ruby/ruby_comments.htm

IF...ELSE

https://www.tutorialspoint.com/ruby/ruby_if_else.htm

Comparisons

https://launchschool.com/books/ruby/read/flow_control

Loops

https://www.tutorialspoint.com/ruby/ruby_loops.htm

https://launchschool.com/books/ruby/read/loops_iterators

Methods

https://www.tutorialspoint.com/ruby/ruby_methods.htm

<https://launchschool.com/books/ruby/read/methods>

Blocks

https://www.tutorialspoint.com/ruby/ruby_blocks.htm

Modules

https://www.tutorialspoint.com/ruby/ruby_modules.htm

Strings

https://www.tutorialspoint.com/ruby/ruby_strings.htm
<https://launchschool.com/books/ruby/read/basics#strings>

Symbols

<https://launchschool.com/books/ruby/read/basics#symbols>

Arrays

https://www.tutorialspoint.com/ruby/ruby_arrays.htm
<https://launchschool.com/books/ruby/read/basics#arrays>
<https://launchschool.com/books/ruby/read/arrays>

Hashes

https://www.tutorialspoint.com/ruby/ruby_hashes.htm
<https://launchschool.com/books/ruby/read/basics#hashes>
<https://launchschool.com/books/ruby/read/hashses>

Literals

<https://launchschool.com/books/ruby/read/basics#literals>

Date & Time

https://www.tutorialspoint.com/ruby/ruby_date_time.htm

Numbers

<https://launchschool.com/books/ruby/read/basics#numbers>

Nil

<https://launchschool.com/books/ruby/read/basics#nil>

Ranges

https://www.tutorialspoint.com/ruby/ruby_ranges.htm

Expressions and Return

<https://launchschool.com/books/ruby/read/basics#expressionsandreturn>

Type Conversion

<https://launchschool.com/books/ruby/read/basics#typeconversion>

Iterators

https://www.tutorialspoint.com/ruby/ruby_iterators.htm

File I/O

https://www.tutorialspoint.com/ruby/ruby_input_output.htm

Exceptions

https://www.tutorialspoint.com/ruby/ruby_exceptions.htm

https://launchschool.com/books/ruby/read/more_stuff#exceptionhandling

Exercise

<https://launchschool.com/books/ruby/read/preparations#exercises>

<https://launchschool.com/books/ruby/read/basics#exercises>

<https://launchschool.com/books/ruby/read/variables#exercises>

<https://launchschool.com/books/ruby/read/methods#exercises>

https://launchschool.com/books/ruby/read/flow_control#exercises

https://launchschool.com/books/ruby/read/loops_iterators#exercises

<https://launchschool.com/books/ruby/read/arrays#exercises>

<https://launchschool.com/books/ruby/read/hashtables#exercises>

Advance Ruby

Object Oriented

https://www.tutorialspoint.com/ruby/ruby_object_oriented.htm

Regex

https://www.tutorialspoint.com/ruby/ruby_regular_expressions.htm

https://launchschool.com/books/ruby/read/more_stuff#regex

Variables as Pointers

https://launchschool.com/books/ruby/read/more_stuff#variables_as_pointers

Blocks and Procs

https://launchschool.com/books/ruby/read/more_stuff#blocksandprocs

Exceptions and Traces

https://launchschool.com/books/ruby/read/more_stuff#readingstacktraces

Database Access

https://www.tutorialspoint.com/ruby/ruby_database_access.htm

Web Applications

https://www.tutorialspoint.com/ruby/ruby_web_applications.htm

Sending Email

https://www.tutorialspoint.com/ruby/ruby_sending_email.htm

Socket Programming

https://www.tutorialspoint.com/ruby/ruby_socket_programming.htm

Ruby/XML, XSLT

https://www.tutorialspoint.com/ruby/ruby_xml_xslt.htm

Web Services

https://www.tutorialspoint.com/ruby/ruby_web_services.htm

Multithreading

https://www.tutorialspoint.com/ruby/ruby_multithreading.htm

Built-in Functions

https://www.tutorialspoint.com/ruby/ruby_builtin_functions.htm

Predefined Variables

https://www.tutorialspoint.com/ruby/ruby_predefined_variables.htm

Predefined Constants

https://www.tutorialspoint.com/ruby/ruby_predefined_constants.htm

Associated Tools

https://www.tutorialspoint.com/ruby/ruby_associated_tools.htm

Exercise

https://launchschool.com/books/ruby/read/more_stuff#exercises

https://launchschool.com/books/ruby/read/intro_exercises

Project By Trainer