

The
Pragmatic
Programmers

Programming Ruby

The Pragmatic Programmers' Guide



Dave Thomas
with *Chad Fowler* and *Andy Hunt*

Second Edition
Includes Ruby
1.8

Programming Ruby The Pragmatic Programmers Guide

David Thomas



Programming Ruby The Pragmatic Programmers Guide:

Programming Ruby David Thomas, Andrew Hunt, 2001 Ruby is a true object oriented programming language that makes the craft of programming easier Ruby is a transparent language It doesn't obscure your program behind unnecessary syntax or reams of extra support code Guided by the Principle of Least Surprise Ruby embodies the values of consistency and simplicity of expression It's more than a programming language It's a concise way of expressing ideas Ruby supports natural intelligence yours Programming Ruby The Pragmatic Programmer's Guide is your complete Ruby resource It provides a tutorial and overview of Ruby version 1.6 a detailed description of the language's structure syntax and operation a guide to building applications with Ruby and a comprehensive library reference BOOK JACKET Title Summary field provided by Blackwell North America Inc All Rights Reserved

Programming Ruby 3.3 Noel Rappin, Dave Thomas, 2024-01-08 Ruby is one of the most important programming languages in use for web development It powers the Rails framework which is the backing of some of the most important sites on the web The Pickaxe Book named for the tool on the cover is the definitive reference on Ruby a highly regarded fully object oriented programming language This updated edition is a comprehensive reference on the language itself with a tutorial on the most important features of Ruby including pattern matching and Ractors and describes the language through Ruby 3.3 Would you like to go from first idea to working code much much faster Do you currently spend more time satisfying the compiler instead of your clients or end users Are you frustrated with demanding languages that seem to get in your way instead of helping you get the work done Are you using Rails and want to dig deeper into the underlying Ruby language If so then we've got a language and book for you Ruby is a fully object oriented language The combination of the power of a pure object oriented language with the convenience of a scripting language makes Ruby a favorite tool of programmers that want to get things done quickly and cleanly This comprehensive reference manual for Ruby includes a description of the most important standard library modules built in classes and modules It also includes all the new and changed syntax and semantics introduced through Ruby 3.3 including pattern matching and Ractors and describes the language through Ruby 3.3 What You Need This book assumes you have a basic understanding of object oriented programming In general Ruby programmers tend to favor the the command line for running their code and they tend to use text editors rather than IDEs Ruby runs on Windows Linux and MacOS

Programming Ruby David Thomas, 2007

Programming Ruby 1.9 & 2.0 David Thomas, Chad Fowler, Andrew Hunt, 2013 Summary Ruby 1.9 was a major release of the language it introduced multinationalization new block syntax and scoping rules a new faster virtual machine and hundreds of new methods in dozens of new classes and modules Ruby 2.0 is less radical it has keyword arguments a new regexp engine and some library changes This book describes it all The first quarter of the book is a tutorial introduction that gets you up to speed with the Ruby language and the most important classes and libraries Download and play with the hundreds of code samples as your experiment with the language The second section looks at real world Ruby

covering the Ruby environment how to package document and distribute code and how to work with encodings The third part of the book is more advanced In it you ll find a full description of the language an explanation of duck typing and a detailed description of the Ruby object model and metaprogramming The book ends with a reference section comprehensive and detailed documentation of Ruby s libraries You ll find descriptions and examples of more than 1 300 methods in 58 built in classes and modules along with brief descriptions of 97 standard libraries Ruby makes your programming more productive it makes coding fun again And this book will get you up to speed with the very latest Ruby quickly and enjoyably *Ruby Cookbook* Lucas Carlson,Leonard Richardson,2006-07-19 Do you want to push Ruby to its limits The Ruby Cookbook is the most comprehensive problem solving guide to today s hottest programming language It gives you hundreds of solutions to real world problems with clear explanations and thousands of lines of code you can use in your own projects From data structures and algorithms to integration with cutting edge technologies the Ruby Cookbook has something for every programmer Beginners and advanced Rubyists alike will learn how to program with Strings and numbers Arrays and hashes Classes modules and namespaces Reflection and metaprogramming XML and HTML processing Ruby on Rails including Ajax integration Databases Graphics Internet services like email SSH and BitTorrent Web services Multitasking Graphical and terminal interfaces If you need to write a web application this book shows you how to get started with Rails If you re a system administrator who needs to rename thousands of files you ll see how to use Ruby for this and other everyday tasks You ll learn how to read and write Excel spreadsheets classify text with Bayesian filters and create PDF files We ve even included a few silly tricks that were too cool to leave out like how to blink the lights on your keyboard The Ruby Cookbook is the most useful book yet written about Ruby When you need to solve a problem don t reinvent the wheel look it up in the Cookbook

□□□□□□ **Ruby 1.9** David Thomas,Chad Fowler,□□□,2010 **The Power of Ruby** Rachel Keranen,2017-12-15 Although Yukihiro Matsumoto released Ruby in 1995 it would take more than a decade for the programming language to achieve widespread adoption Today Ruby is one of the fastest growing coding languages and it is behind major sites like Hulu and Twitter This book describes the history of the language the relationship between Ruby and Ruby on Rails and why Ruby is an ideal first language for new programmers complete with tips on how readers can get started **Intelligent Technologies for Interactive Entertainment** Anton Nijholt,Dennis Reidsma,Hendri Hondorp,2009-05-27 This book constitutes the proceedings of the 3rd International Conference on Intelligent Technologies for Interactive Entertainment INTETAIN 09 The papers focus on topics such as emergent games exertion interfaces and embodied interaction Further topics are affective user interfaces story telling sensors tele presence in entertainment animation edutainment and interactive art Data Simplification Jules J. Berman,2016-03-10 Data Simplification Taming Information With Open Source Tools addresses the simple fact that modern data is too big and complex to analyze in its native form Data simplification is the process whereby large and complex data is rendered usable Complex data must be simplified before it can be analyzed but the process of data

simplification is anything but simple requiring a specialized set of skills and tools This book provides data scientists from every scientific discipline with the methods and tools to simplify their data for immediate analysis or long term storage in a form that can be readily repurposed or integrated with other data Drawing upon years of practical experience and using numerous examples and use cases Jules Berman discusses the principles methods and tools that must be studied and mastered to achieve data simplification open source tools free utilities and snippets of code that can be reused and repurposed to simplify data natural language processing and machine translation as a tool to simplify data and data summarization and visualization and the role they play in making data useful for the end user Discusses data simplification principles methods and tools that must be studied and mastered Provides open source tools free utilities and snippets of code that can be reused and repurposed to simplify data Explains how to best utilize indexes to search retrieve and analyze textual data Shows the data scientist how to apply ontologies classifications classes properties and instances to data using tried and true methods

Human-Computer Interaction. Interacting in Various Application Domains Julie A. Jacko, 2009-07-24 The 13th International Conference on Human Computer Interaction HCI International 2009 was held in San Diego California USA July 19 24 2009 jointly with the Symposium on Human Interface Japan 2009 the 8th International Conference on Engineering Psychology and Cognitive Ergonomics the 5th International Conference on Universal Access in Human Computer Interaction the Third International Conference on Virtual and Mixed Reality the Third International Conference on Internationalization Design and Global Development the Third International Conference on Online Communities and Social Computing the 5th International Conference on Automated Cognition the Second International Conference on Digital Human Modeling and the First International Conference on Human Centered Design A total of 4 348 individuals from academia research institutes industry and governmental agencies from 73 countries submitted contributions and 1 397 papers that were judged to be of high scientific quality were included in the program These papers dress the latest research and development efforts and highlight the human aspects of the design and use of computing systems The papers accepted for presentation thoroughly cover the entire field of human computer interaction addressing major advances in knowledge and effective use of computers in a variety of application areas

Best of Ruby Quiz James Edward Gray, 2006 Solve these twenty five popular programming puzzles and sharpen your programming skills as you craft solutions You ll find interesting and challenging programming puzzles including 800 Numbers Crosswords Cryptograms Knight s Tour Paper Rock Scissors Tic Tac Toe Texas Hold Em and more Learning to program can be quite a challenge Classes and books can get you so far but at some point you have to sit down and start playing with some code Only by reading and writing real code with real problems can you learn The Ruby Quiz was built to fill exactly this need for Ruby programmers Challenges solutions and discussions combine to make Ruby Quiz a powerful way to learn Ruby tricks See how algorithms translate to Ruby code get exposure to Ruby s libraries and learn how other programmers use Ruby to solve problems quickly and efficiently

Rails for Java

Developers Stuart Dabbs Halloway, Justin Gehtland, 2007 Shows you using detailed comparisons and commentary how to translate your hard earned Java knowledge and skills into the world of Ruby and Rails

Interface-oriented Design Kenneth Pugh, 2006 The author of Prefactoring and All on C shows how to develop well structured reliable software as a collection of interfaces that interact with each other

Dr. Dobb's Journal, 2005

Data Crunching Greg Wilson, 2005 Every day all around the world programmers have to recycle legacy data translate from one vendor s proprietary format into another s check that configuration files are internally consistent and search through web logs to see how many people have downloaded the latest release of their product This kind of data crunching may not be glamorous but knowing how to do it efficiently is essential to being a good programmer This book describes the most useful data crunching techniques explains when you should use them and shows how they will make your life easier Along the way it will introduce you to some handy but under used features of Java Python and other languages It will also show you how to test data crunching programs and how data crunching fits into the larger software development picture

ACM SIGPLAN Notices, 2006

Login., 2001

Ruby in Practice Jeremy McAnally, Assaf Arkin, 2009 Ruby in Practice increases your productivity by showing you specific Ruby techniques you can use in your projects The book offers detailed strategies for using Ruby in a large scale environment You ll see concrete examples of integration messaging web development and databases all presented in a clear Problem Solution format This book won t help you push your deadline back but it will help you get the job done in less time Above all Ruby in Practice is a practical book for developers who want an in depth understanding of the Ruby language and its toolset The book is divided into three major parts The first part concentrates on issues that developers face both from within their organizations and from their peers The authors weigh the costs and benefits of using Ruby in enterprise development projects the over riding theme being that every developer should always aim to use the right tool for any particular job The authors then examine the pros and cons of developing with Ruby and where appropriate compare Ruby to other languages both conceptually and in code The second part discusses techniques for communication and integration of systems The authors describe how libraries and techniques are used to facilitate messaging web development and communication automation They also focus on how the strategies in the first section can be used with these libraries to make development more flexible and efficient The last part shows how to manage data and integrate with existing data using Ruby The authors describe techniques for using existing Ruby libraries that either replace popular Java libraries or can interface with existing data in a different way They go on to show you how strategies covered in the first section can be used to enable Ruby to interact with existing assets or to build new data systems Purchase of the print book comes with an offer of a free PDF ePub and Kindle eBook from Manning Also available is all code from the book

Programming Ruby / *Programming Ruby: the pragmatic programmers' guide*, 2007 Ruby Ruby Programming Ruby Ruby PickAxe Book

Pattern-oriented Software Architecture: Patterns for resource management Douglas C. Schmidt, Frank Buschmann, 1996 This fourth volume in the POSA

series explores the concepts underlying patterns The goal is to bring together the POSA pattern theory in one volume allowing readers to deepen their understanding of what patterns are what they are not and how to use them successfully

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