

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

R Pring



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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

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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

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Design A total of 4 348 individuals from academia research institutes industry and gove mental 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

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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

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Login. ,2001

ACM SIGPLAN Notices ,2006

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 overriding 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

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