

Ruby On Rails Tutorial Version

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The Ruby on Rails 3 Tutorial and Reference Collection (Collection) Michael Hartl 2011-12-09 The Ruby on Rails 3 Tutorial and Reference Collection consists of two bestselling Rails eBooks: Ruby on Rails 3 Tutorial: Learn Rails by Example by Michael Hartl. The Rails 3 Way by Obie Fernandez in Ruby on Rails 3 Tutorial Leading Rails Developer Michael Hartl teaches Rails 3 by guiding you through the development of your own complete sample application using the latest techniques in Rails Web development. Drawing on his experience building RailsSpace, Inoshii, and other sophisticated Rails applications, Hartl illuminates all facets of design and implementation--including powerful new techniques that simplify and accelerate development. Hartl explains how each new technique solves a real-world problem and demonstrates this with bite-sized code that's simple enough to understand, yet novel enough to be useful. The Rails 3 Way is the only comprehensive, authoritative guide to delivering production-quality code with Rails 3. Pioneering Rails expert Obie Fernandez and a team of leading experts illuminate the entire Rails 3 API, along with the idioms, design approaches, and libraries that make developing applications with Rails so powerful. You learn advanced Rails programming techniques that have been proven effective in day-to-day usage on dozens of production Rails systems. Dive deep into the Rails 3 codebase and discover why Rails is designed the way it is--and how to make it do what you want it to do. This collection helps you install and set up your Rails development environment Go beyond generated code to truly understand how to build Rails applications from scratch Learn Test-Driven Development (TDD) withRSpec Effectively use the Model-View-Controller (MVC) pattern Structure applications using the REST architecture Build static pages and transform them into dynamic ones Master the Ruby programming skills all Rails developers need Define high-quality site layouts and data models Implement registration and authentication systems, including validation and secure passwords Update, display, and delete users Add social features and microblogging, including an introduction to Ajax Record version changes with Git and share code at GitHub Simplify application deployment with Heroku Learn what's new in Rails 3 Increase your productivity as a Web application developer Realize the overall joy in programming with Rails Leverage Rails' powerful capabilities for building REST-compliant APIs Drive implementation and protect long-term maintainability using RSpec design and manipulate your domain layer using Active Record Understand and program complex program flows using Action Controller Master sophisticated URL routing concepts Use Ajax techniques via Rails 3 support for unobtrusive JavaScript Learn to extend Rails with custom gems and plugins and how to write your own extended Rails with the best third-party plug-ins and write your own integrate email services into your applications with Action Mailer Improve application responsiveness with background processing Create your own non-Active Record domain classes using Active Model Master Rails' utility classes and extensions in Active Support

Practical Object-Oriented Design Sandi Metz 2018-07-10 The Complete Guide to Writing Maintainable, Manageable, Pleasing, and Powerful Object-Oriented Applications Object-oriented programming languages exist to help you create beautiful, straightforward applications that are easy to change and simple to extend. Unfortunately, the world is awash with object-oriented (OO) applications that are difficult to understand and expensive to change. Practical Object-Oriented Design, Second Edition, immerses you in an OO mindset and teaches you powerful, real-world, object-oriented design techniques with simple and practical examples. Sandi Metz demonstrates how to build new applications that can "survive success" and repair existing applications that have become impossible to change. Each technique is illustrated with extended examples in the easy-to-understand Ruby programming language, all downloadable from the companion website, [poor.com](#). Fully updated for Ruby 2.5, this guide shows how to Decide what belongs in a single class Avoid entangling objects that should be kept separate Define flexible interfaces among objects Reduce programming overhead costs with duck typing Successfully apply inheritance Build objects via composition Whatever your previous object-oriented experience, this concise guide will help you achieve the superior outcomes you're looking for. Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details. **Ruby on Rails Enterprise Application Development** Elliott Smith 2007-10-22 This book concentrates on application development as a whole process and is intended to complement existing Rails tutorials. Each chapter deals with a key feature or functional area of a complex, full-scale Rails application. This book is aimed at developers who want to find out how to rapidly build easily-deployed, easily-supported business applications. It is for developers who have learned Ruby on Rails, probably from one of the tutorial books, and want to apply that knowledge to effectively build full, realistic applications.

Ruby for Beginners iCode Academy 2017-05-25 Are You Ready To Learn Ruby Easily? This book aims to guide a complete novice in Ruby programming. This book is carefully crafted to aid the new or inexperienced programmer in learning to write a code in Ruby language. If you are someone who somehow developed a fear to explore the unknown and still interested in learning Ruby programming, then this book can truly help you. This book covers everything that a beginner in Ruby programming should learn. Understand that programming offers an infinite amount of information and knowledge. However, this book understands that it may overwhelm a mere beginner in programming if it tackles even the advanced features of the Ruby language. This book can help you build a solid, basic knowledge in programming that can help you a lot when you begin to write your own program in Ruby language. You can use the acquired knowledge to pursue or learn more about Ruby's advanced concepts later on. For now, just concentrate on the basics and make sure to absorb every lesson before you go to the next one. Practice makes perfect and this book provides a lot of practice programs or exercises that can help you enhance your experience in Ruby programming. The exercises are simple and easy to understand to help you comprehend the lesson quickly. You also need to take note of the error messages that you may encounter. Let them serve as your guide so you can avoid the same mistake in the future or help you resolve the same error when you encounter them once more. Learning Ruby programming in 7 days is not something impossible to accomplish. Even a person with a little or no experience with any programming language can learn it within those days. As you go through each lesson, you will notice that it is quite easy to understand. It becomes much simpler when you have patience and discipline. Understand that you will be able to learn the Ruby basics in 7 days, but that won't make you an instant expert. You still need to practice and work your way in discovering the cool things that you can do with Ruby as you go along. Even expert programmers need to spend ample time in honing their programming skills. Before you know it, you are ready to create a more complex program. This book presents everything that a novice may need in understanding the basic Ruby programming. It is presented in such a way that anyone without prior programming knowledge will find it easy to understand - most technical jargons were kept to minimal, and they are the terminologies that you will likely encounter once you have started writing your program. Here's What You'll Learn From This Ruby For Beginners Book: Chapter 1: Getting acquainted with Ruby Chapter 2: Initial Preparations Chapter 3: Start with the Basics Chapter 4: Ruby Variables Chapter 5: All About Methods Chapter 6: Flow Control Chapter 7: Iterators and Loops Chapter 8: More on Arrays and Hashes What Are You Waiting For? Start Coding Ruby Right Now! Eloquent Ruby Russ Olsen 2011-02-07 It's easy to write correct Ruby code, but to gain the fluency needed to write great Ruby code, you must go beyond syntax and absorb the "Ruby way" of thinking and problem solving. In Eloquent Ruby, Russ Olsen helps you write Ruby like true Rubyists do--so you can leverage its immense, surprising power. Olsen draws on years of experience internalizing the Ruby culture and teaching Ruby to other programmers. He guides you to the "Ah Ha!" moments when it suddenly becomes clear why Ruby works the way it does, and how you can take advantage of this language's elegance and expressiveness. Eloquent Ruby starts small, answering tactical questions focused on a single statement, method, test, or bug. You'll learn how to write code that actually looks like Ruby (not Java or C#), why Ruby has so many control structures, how to use strings, expressions, and symbols, and what dynamic typing is really good for. Next, the book addresses bigger questions related to building methods and classes. You'll discover why Ruby classes contain so many tiny methods, when to use operator overloading, and when to avoid it. Olsen explains how to write Ruby code that writes its own code and why you'll want to. He concludes with powerful project-level features and techniques ranging from gems to domain-specific languages. A part of the renowned Addison-Wesley Professional Ruby Series, Eloquent Ruby will help you "put on your Ruby-colored glasses" and get results that make you a true believer.

Ruby on Rails For Dummies Barry A. Burd 2011-05-09 Quickly create Web sites with this powerful, tool Use the free and easy programming language for e-commerce sites and blogs If you need to build Web and database applications quickly but you don't dream in computer code, take heart! Ruby on Rails was created for you, and this book will have you up and running in no time. The Ruby scripting language and the Rails framework let you create full-featured Web applications fast. It's even fun! Discover how to install and run Ruby and Rails Use the Rails IDE Create a blog with Ruby Connect your Web site to a database Build a shopping cart Explore Ruby's syntax **Ruby on Rails** Tutorial Michael Hartl 2016-11-11 "Ruby on Rails (tm) Tutorial" by Michael Hartl has become a must-read for developers learning how to build Rails apps." --Peter Cooper, Editor of Ruby Inside Used by sites as varied as Twitter, GitHub, Disney, and Airbnb, Ruby on Rails is one of the most popular frameworks for developing web applications, but it can be challenging to learn and use. Whether you're new to web development or new only to Rails, the Ruby on Rails (tm) Tutorial, Fourth Edition, is the solution. Best-selling author and leading Rails developer Michael Hartl teaches Rails by guiding you through the development of three example applications of increasing sophistication. The tutorial's 5 examples focus on the general principles of web development needed for virtually any kind of website. The updates to this edition include full compatibility with Rails 5--a division of the largest chapters into more manageable units--and a huge number of new exercises interspersed in each chapter for maximum reinforcement of the material. This indispensable guide provides integrated tutorials not only for Rails, but also for the essential Ruby, HTML, CSS, and SQL skills you need when developing web applications. Hartl explains how each new technique solves a real-world problem, and then he demonstrates it with bite-sized code that's simple enough to understand, yet novel enough to be useful. Whatever your previous web development experience, this book will guide you to true Rails mastery. This book will help you install and set up your Rails development environment, including pre-installed integrated development environment (IDE) in the cloud Go beyond generated code to truly understand how to build Rails applications from scratch Learn testing and test-driven development (TDD) Effectively use the Model-View-Controller (MVC) pattern Structure applications using the REST architecture Build static pages and transform them into dynamic ones Master the Ruby programming skills all Rails developers need Create high-quality site layouts and data models Implement registration and authentication systems, including validation and secure passwords Update, display, and delete users Upload images in production using a cloud storage service Implement account activation and password reset, including sending email with Rails Add social features and microblogging, including an introduction to Ajax Record version changes with Git and create a secure remote repository at Bitbucket Deploy your applications early and often with Heroku

Agile Web Development with Rails 5 Sam Ruby 2016-10 Rails 5 and Ruby 2.2 bring many improvements, including new APIs and substantial performance enhancements, and the fifth edition of this award-winning classic is now updated! If you're new to Rails, you'll get step-by-step guidance. If you're an experienced developer, this book will give you the comprehensive, insider information you need for the latest version of Ruby on Rails. Ruby on Rails helps you produce high-quality, beautiful-looking web applications quickly. You concentrate on creating the application, and Rails takes care of the details. Learn Rails the way the Rails core team recommends it, along with the tens of thousands of developers who have used this broad, far-reaching tutorial and reference. We start with a step-by-step walk-through of building a real application, and in-depth chapters look at the built-in Rails features. Follow along with an extended tutorial as you write a web-based store application. Eliminate tedious configuration and housekeeping; internationalize your applications; incorporate Ajax, REST, web services, and e-mail handling into your applications; test your applications as you write them using the built-in testing frameworks; and deploy your applications easily and securely. New in this edition is coverage of Action Cable, and completely updated code for Rails 5. Rails 1.0 was released in December 2005, more than 10 years ago. This book was there from the start, and didn't just evolve alongside Rails, it evolved with Rails. It has been developed in consultation with the Rails core team. In fact, Rails itself is tested against the code in this book. What You Need: All you need is a Windows, Mac OS X, or Linux machine to do development. On this book will take you through the steps to install Rails and its dependencies. If you aren't familiar with the Ruby programming language, this book contains a chapter that covers the basics necessary to understand the material in the book. **RailsSpace Ruby on Rails Tutorial** Aurelius Prochazka 2008

Agile Web Development with Rails 4 Sam Ruby 2013 This provides information on creating Web-based applications with Rails 4 and Ruby 2, covering such topics as HTTP authentication, validation and unit testing, cart creation, Ajax, caching, migrations, and plugins. **Writing GNU Emacs Extensions** Bob Gluckstein 1997 "This book introduces Emacs Lisp and tells you how to make the editor do whatever you want, whether it's altering the way text scrolls or inventing a whole new "major mode." Topics progress from simple to complex, from lists, symbols, and keyboard commands to syntax tables, macro templates, and error recovery"--Resource description page.

The Well-Grounded Rubyist David A. Black 2014-07-03 Summary The Well-Grounded Rubyist, Second Edition addresses both newcomers to Ruby as well as Ruby programmers who want to deepen their understanding of the language. This beautifully written and totally revised second edition includes coverage of features that are new in Ruby 2.1, as well as expanded and updated coverage of aspects of the language that have changed. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology This is a good time for Ruby! It's powerful like Java or C++, and has dynamic features that let your code react gracefully to changes at runtime. And it's elegant, so creating applications, development tools, and administrative scripts is easier and more straightforward. With Rails 2.0, active developers, and countless libraries and productivity tools, Ruby has come into its own. About the Book The Well-Grounded Rubyist, Second Edition is a beautifully written tutorial that begins with your first Ruby program and goes on to explore sophisticated topics like callable objects, reflection, and threading. The book concentrates on the language, preparing you to use Ruby in any way you choose. This second edition includes coverage of new Ruby features such as keyword arguments, lazy enumerators, and Module#prepend, along with updated information on new and changed core classes and methods. What's Inside Clear explanations of Ruby concepts Numerous simple examples Updated for Ruby 2.1 Prepares you to use Ruby anywhere for any purpose About the Author David A. Black is an internationally known Ruby developer, author, trainer, speaker, event organizer, and founder of Ruby Central, as well as a lead consultant at Cyvus Innovation. Table of Contents PART 1 RUBY FOUNDATIONS Bootstrapping your Ruby library Objects, methods, and local variables Organizing objects with classes Modules and program organization The default object (self), scope, and visibility Control-flow techniques PART 2 BUILT-IN CLASSES AND MODULES Built-in essentials Strings, symbols, and other scalar objects Collection and container objects Collections central: Enumerable and Enumerator Regular expressions and regexp-based string operations File and I/O operations PART 3 RUBY DYNAMICS Object individuation Callable and runnable objects Callbacks, hooks, and runtime introspection

Sustainable Web Development with Ruby on Rails David Copeland 2020-11 A comprehensive guide to building Ruby on Rails apps that can be sustained for many years. **The Rails 5 Way** Obie Fernandez 2017-11-22 The "Bible" for Rails Development: Fully Updated for Rails 5 "When I read the Rails Way for the first time, I felt like I truly understood Rails for the first time." --STEVE KLANKIN, Rails contributor and mentor **The Rails 5 Way** is the comprehensive, authoritative reference guide for professionals delivering production-quality code using Ruby on Rails. Obie Fernandez illuminates the entire Rails 5 API, its most powerful idioms, design approaches, and libraries. He presents new and updated content on Action Cable, RSpec 3.4, Turbolenks 5.0, the Attributes API, and many other enhancements, both major and subtle. Through detailed code examples, you'll dive deep into Ruby on Rails, discover why it's designed as it is, and learn to make it do exactly what you want. Proven in thousands of production systems, the knowledge in this book will maximize your productivity and help you build more successful solutions. Build powerful, scalable, REST-compliant back-end services Program complex program flows using Action Controller Represent models, relationships, and operations in Active Record, and apply advanced Active Record techniques Smoothly evolve database schema via Migrations Craft front-ends with ActionView and the Asset Pipeline Optimize performance and scalability with Caching and Turbolenks 5.0 Improve your productivity using Haml, HTML templating Secure your systems against attacks like SQL Injection, XSS, and XSRF Integrate email using Action Mailer Enable real-time, websockets-based browser behavior with Action Cable Improve responsiveness with background processing Build "API-only" back-end projects that speak JSON Leverage enhancements to ActiveJob, serialization, and Ajax support

Learn Ruby on Rails for Web Development John Elder 2015-01-19 Learning Ruby on Rails has never been this fast and easy, or fun! Veteran CodeMy.com programmer John Elder walks you step by step through the ins and outs of Rails for Web Development. Written for the absolute beginner, you don't need any programming experience to dive in and get started with this book. Follow along as John builds a Pinterest-style website from start to finish that allows people to sign up, log in and out, edit their profile, upload images to the database and style those images on the screen. By the end, you'll be well on your way to becoming a professional Ruby on Rails coder. **Learn Ruby the Hard Way** Zed Shaw 2014 Offers a Ruby tutorial featuring fifty-two exercises that cover such topics as installing the Ruby environment, organizing and writing code, strings and text, object-oriented programming, debugging and automated testing, and basic game development.

Learn Rails 5.2 Stefan Wintermeyer 2018-04-16 Learn to build Rails-based web applications using all the latest features offered in Rails 5.2. Author Stefan Wintermeyer begins by teaching the basics of Ruby 2.5 before proceeding through all aspects of Rails, utilizing clear, succinct examples -- rather than a single large application. This book covers topics including Active Storage, Credentials, Active Record, Scaffolding, REST, Routing, Bundler, Forms, Cookies, and Sessions, all of which are vital for modern Rails web applications. To complement these topics you'll also learn about test-driven development, Action Cable, ActiveJob, Action Mailer, i18n, Asset Pipeline, and Caching. Finally, you'll see a how-to for a production web server with nginx. This complete set of skills will set you up for a future of efficient and elegant Rails coding. What You Will Learn Use the Ruby on Rails web development framework Install and manage the Rails framework Persist data for your web application with Active Record Work with forms Apply a test-driven development approach to your Rails-based web applications Discover many Rails secrets and tips Who This Book Is For Beginners with at least some prior programming experience. Ruby experience is helpful, but not required.

Beginning Rails 6 Brady Soherville 2020-09-12 Springfield your journey into web application development and discover how much fun building web applications with Ruby on Rails can be. This book has been revised to cover what's new in Rails 6 including features such as WebPack, advanced JavaScript integration, Action Mailbox, Action Text, system and parallel testing, Action Cable testing, and more. Beginning Rails 6 gently guides you through designing your application, writing tests for the application, and then writing the code to make your application work as expected. It is a book that will guide you from never having programmed with Ruby, to having a Rails 6 application built and deployed to the web. After reading and using this book, you'll have the know-how and the freely available source code to get started with your own Rails-based web development in days. What You Will Learn Create Ruby on Rails 6 web applications from the bottom up Gain the basics of the Ruby programming language Combine all the components of Rails to develop your own web applications Apply TDD to make sure your application works exactly as you expect Use Git source control and best practice techniques to create applications like a pro Who This Book Is For Someone with little to no Ruby or Rails experience, or possibly even someone with no experience developing web applications at all. A basic familiarity with the web and typical web terms is assumed, but you don't need to be an expert in these.

Beginning Ruby : From Novice to Professional Peter Cooper 2007-07-23 Beginning Ruby is a thoroughly contemporary guide for every type of reader wanting to learn Ruby, regardless of whether they are new to Ruby newcomers. It starts by explaining the principles behind object-oriented programming and within a few chapters builds toward creating a genuine Ruby application.

Programming Ruby David Thomas 2004 A tutorial and reference to the object-oriented programming language for beginning to experienced programmers, updated for version 1.8, describes the language's structure, syntax, and operation, and explains how to build applications. Original. (Intermediate)

RailsSpace Michael Hartl 2007-07-20 Ruby on Rails is fast displacing PHP, ASP, and J2EE as the development framework of choice for discriminating programmers, thanks to its elegant design and emphasis on practical results. RailsSpace teaches you to build large-scale projects with Rails by developing a real-world application: a social networking website like MySpace, Facebook, or Friendster. Inside, the authors walk you step by step from the creation of the site's virtually static front page, through user registration and authentication, and into a highly dynamic site, complete with user profiles, image upload, email, blogs, full-text and geographical search, and a friendship request system. In the process, you learn how Rails helps you control code complexity with the model-view-controller (MVC) architecture, abstraction layers, automated testing, and code refactoring, allowing you to scale up to a large project even with a small number of developers. This essential introduction to Rails provides a tutorial approach that allows you to experience Rails as it is actually used: A solid foundation for creating any login-based website in Rails. Coverage of newer and more advanced Rails features, such as form generators, REST, and Ajax (including RJS) A thorough and integrated introduction to automated testing The book's companion website provides the application source code, a blog with follow-up articles, narrated screencasts, and a working version of the RailsSpace social network.

Ruby on Rails Tutorial Michael Hartl 2016-11-17 This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Used by sites as varied as Twitter, GitHub, Disney, and Airbnb, Ruby on Rails is one of the most popular frameworks for developing web applications, but it can be challenging to learn and use. Whether you're new to web development or new only to Rails, Ruby on Rails Tutorial, Sixth Edition, is the solution. Best-selling author and leading Rails developer Michael Hartl teaches Rails by guiding you through the development of three example applications of increasing sophistication. The tutorial's 5 examples focus on the general principles of web development needed for virtually any kind of website. The updates to this edition include full compatibility with Rails 5, a division of the largest chapters into more manageable units, and a huge number of new exercises interspersed in each chapter for maximum reinforcement of the material. This indispensable guide provides integrated tutorials not only for Rails, but also for the essential Ruby, HTML, CSS, and SQL skills you need when developing web applications. Hartl explains how each new technique solves a real-world problem, and then he demonstrates it with bite-sized code that's simple enough

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to understand, yet novel enough to be useful. Whatever your previous web development experience, this book will guide you to true Rails mastery. This book will help you install and set up your Rails development environment, including pre-installed integrated development environment (IDE) in the cloud Go beyond generated code to truly understand how to build Rails applications from scratch Learn testing and test-driven development (TDD) Effectively use the Model-View-Controller (MVC) pattern Structure applications using the REST architecture Build static pages and transform them into dynamic ones Master the Ruby programming skills all Rails developers need Create high-quality site layouts and data models Implement registration and authentication systems, including validation and secure passwords Update, display, and delete users Upload images in production using a cloud storage service Implement account activation and password reset, including sending email with Rails Add social features and microblogging, including an introduction to Ajax Record version changes with Git and create a secure remote repository at Bitbucket Deploy your applications early and often with Heroku

Ruby on Rails Tutorial, 6th Edition Michael Hartl 2020 Used by sites as varied as Twitter, GitHub, Disney, and Airbnb, Ruby on Rails is one of the most popular frameworks for developing web applications, but it can be challenging to learn and use. Whether you're new to web development or new only to Rails, Ruby on Rails(TM) Tutorial, Sixth Edition, is the solution. Best-selling author and leading Rails developer Michael Hartl teaches Rails by guiding you through the development of three example applications of increasing sophistication. The tutorial's 5 examples focus on the general principles of web development needed for virtually any kind of website. The updates to this edition include full compatibility with Rails 6. This indispensable guide provides integrated tutorials not only for Rails, but also for the essential Ruby, HTML, CSS, and SQL skills you need when developing web applications. Hartl explains how each new technique solves a real-world problem, and then he demonstrates it with bite-sized code that's simple enough to understand, yet novel enough to be useful. Whatever your previous web development experience, this book will guide you to true Rails mastery. This book will help you install and set up your Rails development environment, including pre-installed integrated development environment (IDE) in the cloud Go beyond generated code to truly understand how to build Rails applications from scratch Learn testing and test-driven development (TDD) Effectively use the Model-View-Controller (MVC) pattern Structure applications using the REST architecture Build static pages and transform them into dynamic ones Master the Ruby programming skills all Rails developers need Create high-quality site layouts and data models Implement registration and authentication systems, including validation and secure passwords Update, display, and delete users Upload images in production using a cloud storage service Implement account activation and password reset, including sending email with Rails Add social features and microblogging, including an introduction to Ajax Record version changes with Git and create a secure remote repository at Bitbucket Deploy your applications early and often with Heroku.

The Rails Way Obie Fernandez 2007-11-16 The expert guide to building Ruby on Rails applications Ruby on Rails strips complexity from the development process, enabling professional developers to focus on what matters most: delivering business value. Now, for the first time, there's a comprehensive, authoritative guide to building production-quality software with Rails. Pioneering Rails developer Obie Fernandez and a team of experts illuminate the entire Rails API, along with the Ruby idioms, design approaches, libraries, and plug-ins that make Rails so valuable. Drawing on their unsurpassed experience, they address the real challenges development teams face, showing how to use Rails' tools and best practices to maximize productivity and build polished applications users will enjoy. Using detailed code examples, Obie systematically covers Rails' key capabilities and subsystems. He presents advanced programming techniques, introduces open source libraries that facilitate easy Rails adoption, and offers important insights into testing and production deployment. Dive deep into the Rails codebase together, discovering why Rails behaves as it does--and how to make it behave the way you want it to. This book will help you increase your productivity as a web developer. Realize the overall joy of programming with Ruby on Rails. Learn what's new in Rails 2.0 Drive design and protect long-term maintainability with TestUnit and RSpec Understand and manage complex program flow in Rails controllers Leverage Rails' support for designing REST-compliant APIs Master sophisticated Rails routing concepts and techniques Examine and troubleshoot Rails routing Make the most of ActiveRecord object-relational mapping Utilize Ajax within your Rails applications Incorporate logins and authentication into your application Extend Rails with the best third-party plug-ins and write your own integrate email services into your applications with ActionMailer Choose the right Rails production configurations Streamline deployment with Capistrano

Mastering Ruby on Rails Suyfan Bin Uzayr 2022 There is no shortage of programming languages and frameworks out there. But in the midst of all this, Ruby on Rails stands out. Despite losing out on the top spot to other contenders, Ruby on Rails has earned for itself a position of repute and a robust user base. Ever since its debut in 2004, Ruby on Rails has rapidly become one of the most impactful and popular tools for building dynamic web applications. Rails owes much of its success to its compact design and the usage of the underlying Ruby language. It effectively creates a domain-specific language for writing web applications. As a result, many common web programming tasks--such as generating HTML, making data models, and routing URLs--are easier with Rails. Although its outstanding capabilities have made Ruby on Rails one of the world's most popular web development frameworks, some might still find it challenging to learn and use. Mastering Ruby on Rails: A Beginner's Guide could be just the right solution for that. Whatever your previous web development experience is, Mastering Ruby on Rails can guide you to true Rails proficiency. It will help you to: Install and set up your Rails development environment Go beyond generated code to build Rails applications from scratch Effectively use the Model-View-Controller (MVC) pattern Master the Ruby programming skills all Rails developers need Define high-quality site layouts and data models Add social features and navigate asynchronous JavaScript and XML (Ajax) Mastering Ruby on Rails will walk you through Rails' inner workings and equip you to tackle complicated projects with solutions that are well-tested, adaptive, and easy to maintain. This book starts by explaining critical points behind object-oriented programming and builds toward creating a full Rails application within a few chapters. By the end of this book, besides in-depth knowledge of Rails, you will also have a basic understanding of many supporting technologies such as SQL, web frameworks, and Integrated Development Environment (IDE). You will be able to quickly grasp the Rails methodology by focusing on the development from the point of view of the beginner-level developer. Additionally, you will be provided with a reliable roadmap for migrating your applications, skill set, and development procedures to the newer, more flexible programming platform that Rails offers. Moreover, learning Rails development independently will let you use all the qualities like creativeness, critical thinking, and project management. Mastering Ruby on Rails serves as a complete guide to exploring Ruby on Rails, expanding your set of skills and experience that will only benefit you throughout your professional life. If you are looking to get into the fascinating world of Rails development, Mastering Ruby on Rails is the right pick for you!

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Component-Based Rails Applications Stephan Hagemann 2018-06-22 Use Components to Improve Maintainability, Reduce Complexity, and Accelerate Testing in Large Rails Applications "This book gives Ruby pros a comprehensive guide for increasing the sophistication of their designs, without having to forsake the principles of elegance that keep them in our corner of the software world." --Obie Fernandez, author, *The Rails 5 Way*, Fourth Edition As Rails applications grow, even experienced developers find it difficult to navigate code bases, implement new features, and keep tests fast. Components are the solution, and Component-Based Rails Applications shows how to make the most of them. Writing for programmers and software team leads who are comfortable with Ruby and Rails, Stephan Hagemann introduces a practical, start-to-finish methodology for modernizing and restructuring existing Rails applications. One step at a time, Hagemann demonstrates how to refactor Rails applications to exhibit visible, provably independent, and explicitly connected parts--thereby simplifying them and making them far easier for teams to manage, change, and test. Throughout, he introduces design concepts and techniques you can use to improve applications of many kinds, even if they weren't built with Rails or Ruby. Learn how components clarify intent, improve collaboration, and simplify innovation and maintenance. Create a full Rails application within a component, from first steps to migrations and dependency management. Test component-based applications, manage assets and dependencies, and deploy your application to production. Identify the seams in an existing Rails application, and refactor it to extract components. Master a scripted, repeatable approach for refactoring Rails applications of any size. Use component-based Rails with two popular structural patterns: hexagonal and DCI architecture. Leverage your new component skills with other frameworks and languages. Overcome the unique challenges that arise as you componentize Rails applications. If you're ready to simplify and revitalize your complex Rails systems, you're ready for Component-Based Rails Applications. Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

The Well-Grounded Rubyist Joe Leo 2019-03-05 Summary The Well-Grounded Rubyist, Third Edition is a beautifully written tutorial that begins with your first Ruby program and takes you all the way to sophisticated topics like reflection, threading, and recursion. Ruby masters David A. Black and Joe Leo distill their years of knowledge for you, concentrating on the language and its uses so you can use Ruby in any way you choose. Updated for Ruby 2.5, Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Designed for developer productivity, Ruby is an easy-to-learn dynamic language perfect for creating virtually any kind of software. It's famously friendly development community, countless libraries, and amazing tools, like the Rails framework, have established it as the language of choice for high-profile companies, including GitHub, SlideShare, and Shopify. The future is bright for the well-grounded Rubyist! About the Book In The Well-Grounded Rubyist, Third Edition, expert authors David A. Black and Joseph Leo deliver Ruby mastery in an easy-to-read, casual style. You'll look in core principles as you write your first Ruby programs. Then, you'll progressively build up to topics like reflection, threading, and recursion, cementing your knowledge with high-value exercises to practice your skills along the way. What's Inside Basic Ruby syntax Running Ruby extensions FP concepts like currying, side-effect-free code, and recursion Ruby 2.5 updates About the Reader For readers with beginner-level programming skills. About the Authors David A. Black is an internationally known Ruby developer and author, and a cofounder of Ruby Central. Ruby teacher and advocate Joseph Leo III is the founder of Def Method and lead organizer of the Gotham Ruby Conference. Table of Contents PART 1 RUBY FOUNDATIONS Bootstrapping your Ruby library Objects, methods, and local variables Organizing objects with classes Modules and program organization The default object (self), scope, and visibility Control-flow techniques PART 2 BUILT-IN CLASSES AND MODULES Built-in essentials Strings, symbols, and other scalar objects Collection and container objects Collections central: Enumerable and Enumerator Regular expressions and regexp-based string operations File and I/O operations PART 3 RUBY DYNAMICS Object individuation Callable and runnable objects Callbacks, hooks, and runtime introspection Ruby and functional programming *Learn Rails 6* Adam Notodirkromo 2021-01-10 Effectively learn and apply software development and engineering techniques to web application development using Rails 6 with this accelerated tutorial. This book teaches modern engineering practices including git flow, containerization, debugging, testing, and deployment. Along the way, you'll see how to build a social network application and then deploy it on a cloud provider such as Amazon Web Services. After reading and using this book, you'll be able to effectively build and deploy your Rails application to the cloud. You'll also have used the Ruby on Rails framework to carry out the rapid development of an idea into a product without sacrificing quality. What You Will Learn Use the Ruby on Rails 6 web development framework Integrated Docker with your Ruby on Rails code Apply software engineering techniques to learning the Rails framework Design, build, and deploy a social networking application to the Amazon cloud Who This Book Is For Beginners with at least some prior programming experience. Ruby experience is helpful, but not required.

Beginning Ruby on Rails Steve Holzner, Ph.D. 2006-11-29 Ruby on Rails is the revolutionary online programming tool that makes creating functional e-commerce web sites faster and easier than ever. With the intuitive, straightforward nature of Ruby and the development platform provided by Rails, you can put together full-fledged web applications quickly, even if you're new to web programming. You will find a thorough introduction to both Ruby and Rails in this book. You'll get the easy instructions for acquiring and installing both; understand the nature of conditionals, loops, methods, and blocks; and become familiar with Ruby's classes and objects. You'll learn to build Rails applications, connect to databases, perform necessary testing, and put the whole thing together to create real-world applications such as shopping carts and online catalogs--apps you can actually use right away. What you will learn from this book * How to install and use Ruby and Rails * Object-oriented programming with Ruby * Rails fundamentals and how to create basic online applications * How to work with HTML controls, use models in Rails applications, and work with sessions * Details on working with databases and creating, editing, and deleting database records * Methods for handling cookies and filters and for caching pages * How to connect Rails with Ajax Who this book is for This book is for anyone who wants to develop online applications using Ruby and Rails. A basic understanding of programming is helpful; some knowledge of HTML is necessary. Wrox Beginning guides are crafted to make learning programming languages and technologies easier than you think, providing a structured, tutorial format that will guide you through all the techniques involved.

Learning Ruby Michael Fitzgerald 2007-05-14 You don't have to know everything about a car to drive one, and you don't need to know everything about Ruby to start programming with it. Written for both experienced and new programmers alike, Learning Ruby is a just-get-in-and-drive book -- a hands-on tutorial that offers lots of Ruby programs and lets you know how and why they work, just enough to get you rolling down the road. Interest in Ruby stems from the popularity of Rails, the web development framework that's attracting new devotees and refugees from Java and PHP. But there are plenty of other uses for this versatile language. The best way to learn is to just try the code! You'll find examples on nearly every page of this book that you can imitate and hack. Briefly, this book outlines many of the most important features of Ruby. Demonstrates how to use conditionals and how to manipulate strings in Ruby. Includes a section on regular expressions. Describes how to use operators, basic math, functions from the Math module, rational numbers, etc. Talks you through Ruby arrays, and demonstrates hashes in detail. Explains how to process files with Ruby. Discusses Ruby classes and modules (mixins) in detail, including a brief introduction to object-oriented programming (OOP). Introduces processing XML, the Tk toolkit, RubyGems, reflection, RDoc, embedded Ruby, metaprogramming, exception handling, and other topics. Acquaints you with some of the essentials of Rails, and includes a short Rails tutorial. Each chapter concludes with a set of review questions, and appendices provide you with a glossary of terms related to Ruby programming, plus reference material from the book in one convenient location. If you want to take Ruby out for a drive, Learning Ruby holds the keys.

The Ruby Workshop Akshat Paul 2019-10-30 Cut through the noise and get real results with a step-by-step approach to learning Ruby programming. Key features ideal for the Ruby beginner who is getting started with Ruby for the first time: A complete Ruby tutorial with exercises and activities that help build key skills Structured to let you progress at your own pace, on your own terms Use your physical copy to redeem free access to the online interactive edition Book Description You already know you want to learn Ruby, and the smarter way to learn Ruby 2.X is to learn by doing. The Ruby Workshop focuses on building up your practical skills so that you can kick-start your career as a developer and rapidly prototype applications. You'll learn from real examples that lead to real results. Throughout the Ruby Workshop, you'll take an engaging step-by-step approach to understanding the Ruby language. You won't have to sit through any unnecessary theory. If you're short on time you can jump into a single exercise each day or spend an entire weekend learning about metaprogramming. It's your choice. Learning on your terms, you'll build up and reinforce key skills in a way that feels rewarding. Every physical copy of The Ruby Workshop unlocks access to the interactive edition. With videos detailing all exercises and activities, you'll always have a guided solution. You can also benchmark yourself against assessments, track progress, and receive content updates. You'll even earn a secure credential that you can share and verify online upon completion. It's a premium learning experience that's included with your printed copy. To redeem, follow the instructions located at the start of your Ruby book. Fast-paced and direct, The Ruby Workshop is the ideal companion for Ruby beginners. You'll build and iterate on your Ruby code like a software developer, learning along the way. This process means that you'll find that your new skills stick, embedded as best practice. A solid foundation for the years ahead. What you will learn Get to grips with the fundamentals of Ruby object-oriented programming Understand common Ruby patterns to help minimize and easily maintain code Explore ways to fetch, process, and output external data Discover ways to work with public APIs and create reusable Ruby Gems Keep your development process bug-free with various testing methods Explore how to host applications on cloud application platforms like Heroku Who this book is for Our goal at Packt is to help you be successful, in whatever it is you choose to do. The Ruby Workshop is an ideal Ruby tutorial for the Ruby beginner who is just getting started. Pick up a Workshop today, and let Packt help you develop skills that stick with you for life.

Ruby on Rails Tutorial Michael Hartl 2020-04-27 Used by sites as varied as Twitter, GitHub, Disney, and Airbnb, Ruby on Rails is one of the most popular frameworks for developing web applications, but it can be challenging to learn and use. Whether you're new to web development or new only to Rails, Ruby on Rails(TM) Tutorial, Sixth Edition, is the solution. Best-selling author and leading Rails developer Michael Hartl teaches Rails by guiding you through the development of three example applications of increasing sophistication. The tutorial's 5 examples focus on the general principles of web development needed for virtually any kind of website. The updates to this edition include full compatibility with Rails 6. This indispensable guide provides integrated tutorials not only for Rails, but also for the essential Ruby, HTML, CSS, and SQL skills you need when developing web applications. Hartl explains how each new technique solves a real-world problem, and then he demonstrates it with bite-sized code that's simple enough to understand, yet novel enough to be useful. Whatever your previous web development experience, this book will guide you to true Rails mastery. This book will help you install and set up your Rails development environment, including pre-installed integrated development environment (IDE) in the cloud Go beyond generated code to truly understand how to build Rails applications from scratch Learn testing and test-driven development (TDD) Effectively use the Model-View-Controller (MVC) pattern Structure applications using the REST architecture Build static pages and transform them into dynamic ones Master the Ruby programming skills all Rails developers need Create high-quality site layouts and data models Implement registration and authentication systems, including validation and secure passwords Update, display, and delete users Upload images in production using a cloud storage service Implement account activation and password reset, including sending email with Rails Add social features and microblogging, including an introduction to Ajax Record version changes with Git and create a secure remote repository at Bitbucket Deploy your applications early and often with Heroku

Ruby on Rails Michael Hartl 2011 Use Michael Hartl's Acclaimed Video Lessons and Best-Selling Book Side by Side to Master Rails Fast! LiveLessons DVD with 18+ hours of video instruction- a \$150 value Michael Hartl's Ruby on Rails 3 Tutorial, the #1 hands-on guide to Rails web programming- a \$40 value A \$190 value, this package delivers instant skills, answers, and solutions from 18+ hours of video LiveLessons (a \$150 value)...plus deeper insights from Ruby on Rails 3 Tutorial, the #1 Rails development guide (a \$40 value). About the LiveLessons DVD These focused video lessons help you learn crucial new skills fast--and put them to work immediately! Watch top Rails developer Michael Hartl guide you through building a complete application using today's best practices for MVC and REST design, layout, Ruby coding, security, testing, deployment, and more. Just place the DVD video in your computer's DVD drive, and master Rails the easy way. *The Book of Ruby* Hwu Collingbourne 2011-07-11 Ruby is famous for being easy to learn, but most users only scratch the surface of what it can do. While other books focus on Ruby's trendier features, The Book of Ruby reveals the secret inner workings of one of the world's most popular programming languages, teaching you to write clear, maintainable code. You'll start with the basics--types, data structures, and control flows--and progress to advanced features like blocks, mixins, metaclasses, and more. Rather than bog you down with a lot of theory, The Book of Ruby takes a hands-on approach and focuses on making you productive from day one. As you follow along, you'll learn to: Leverage Ruby's succinct and flexible syntax to maximize your productivity Balance Ruby's functional, imperative, and object-oriented features Write self-modifying programs using dynamic programming techniques Create new fibers and threads to manage independent processes concurrently Catch and recover from execution errors with robust exception handling Develop powerful web applications with the Ruby on Rails framework Each chapter includes a "Digging Deeper" section that shows you how Ruby works behind the hood, so you'll never be caught off guard by its deceptively simple scoring, multithreading features, or precedence rules. Whether you're new to programming or just new Ruby, The Book of Ruby is your guide to rapid, real-world software development with this unique and elegant language.

Learn to Program Chris Pine 2021-06-17 It's easier to learn how to program a computer than it has ever been before. Now everyone can learn to write programs for themselves - no previous experience is necessary. Chris Pine takes a thorough, but lightweight approach that teaches you the fundamentals of computer programming, with a minimum of fuss or bother. Whether you are interested in a new hobby or a new career, this book is your doorway into the world of programming. Computers are everywhere, and being able to program them is more important than it has ever been. But since most books on programming are written for other programmers, it can be hard to break in. At least it used to be. Chris Pine will teach you how to program. You'll learn to use your computer better, to get it to do what you want it to do. Starting with small, simple one-line programs to calculate your age in seconds, you'll see how to write interactive programs, to use APIs to fetch live data from the internet, to rename your photos from your digital camera, and more. You'll learn the same technology used to drive modern dynamic websites and large, professional applications. Whether you are looking for a fun new hobby or are interested in entering the tech world as a professional, this book gives you a solid foundation in programming. Chris teaches the basics, but also shows you how to think like a programmer. You'll learn thought tons of examples, and through programming challenges throughout the book. When you finish, you'll know how and where to learn more - you'll be on your way. What You Need: All you need to learn how to program is a computer (Windows, macOS, or Linux) and an internet connection. Chris Pine will lead you through setting set up with the software you will need to start writing programs of your own.

Agile Web Development with Rails 6 Sam Ruby 2020-02-10 Learn Rails the way the Rails core team recommends it, along with the tens of thousands of developers who have used this broad, far-reaching tutorial and reference. If you're new to Rails, you'll get step-by-step guidance. If you're an experienced developer, get the comprehensive, insider information you need for the latest version of Ruby on Rails. The new edition of this award-winning classic is completely updated for Rails 6 and Ruby 2.6, with information on system testing, WebPack, and advanced JavaScript. Ruby on Rails helps you produce high-quality, beautiful-looking web applications quickly - you

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CONCENTRATE ON CREATING THE APPLICATION, AND RAILS TAKES CARE OF THE DETAILS. RAILS 6 BRINGS MANY IMPROVEMENTS, AND THIS EDITION IS UPDATED TO COVER THE NEW FEATURES AND CHANGES IN BEST PRACTICES. WE START WITH A STEP-BY-STEP WALKTHROUGH OF BUILDING A REAL APPLICATION, AND IN-DEPTH CHAPTERS LOOK AT THE BUILT-IN RAILS FEATURES. FOLLOW ALONG WITH AN EXTENDED TUTORIAL AS YOU WRITE A WEB-BASED STORE APPLICATION. ELIMINATE TEDIOUS CONFIGURATION AND HOUSEKEEPING, SEAMLESSLY INCORPORATE AJAX AND JAVASCRIPT, SEND AND RECEIVE EMAILS, MANAGE BACKGROUND JOBS WITH ACTIVEJOB, AND BUILD REAL-TIME FEATURES USING WEBSOCKETS AND ACTIONCABLE. TEST YOUR APPLICATIONS AS YOU WRITE THEM USING THE BUILT-IN UNIT, INTEGRATION, AND SYSTEM TESTING FRAMEWORKS, INTERNATIONALIZE YOUR APPLICATIONS, AND DEPLOY YOUR APPLICATIONS EASILY AND SECURELY. NEW IN THIS EDITION IS COVERAGE OF ACTION MAILER, WHICH ALLOWS YOU TO RECEIVE EMAILS IN YOUR APP AS WELL AS ACTIONTEXT, A ZERO-CONFIGURATION RICH TEXT EDITING FEATURE. RAILS 1.0 WAS RELEASED IN DECEMBER 2005. THIS BOOK WAS THERE FROM THE START, AND DIDN'T JUST EVOLVE ALONGSIDE RAILS, IT EVOLVED WITH RAILS. IT HAS BEEN DEVELOPED IN CONSULTATION WITH THE RAILS CORE TEAM. IN FACT, RAILS ITSELF IS TESTED AGAINST THE CODE IN THIS BOOK. WHAT YOU NEED: ALL YOU NEED IS A WINDOWS, MAC OS X, OR LINUX MACHINE TO DO DEVELOPMENT ON. THIS BOOK WILL TAKE YOU THROUGH THE STEPS TO INSTALL RAILS AND ITS DEPENDENCIES. IF YOU AREN'T FAMILIAR WITH THE RUBY PROGRAMMING LANGUAGE, THIS BOOK CONTAINS A CHAPTER THAT COVERS THE BASICS NECESSARY TO UNDERSTAND THE MATERIAL IN THE BOOK.

RUBY ON RAILS 3 TUTORIAL MICHAEL HARTL 2010-12-16 "RUBY ON RAILS 3 TUTORIAL: LEARN RAILS BY EXAMPLE BY MICHAEL HARTL HAS BECOME A MUST READ FOR DEVELOPERS LEARNING HOW TO BUILD RAILS APPS." —PETER COOPER, EDITOR OF RUBY INSIDE USING RAILS 3, DEVELOPERS CAN BUILD WEB APPLICATIONS OF EXCEPTIONAL ELEGANCE AND POWER. ALTHOUGH ITS REMARKABLE CAPABILITIES HAVE MADE RUBY ON RAILS ONE OF THE WORLD'S MOST POPULAR WEB DEVELOPMENT FRAMEWORKS, IT CAN BE CHALLENGING TO LEARN AND USE. RUBY ON RAILS 3 TUTORIAL IS THE SOLUTION. LEADING RAILS DEVELOPER MICHAEL HARTL TEACHES RAILS 3 BY GUIDING YOU THROUGH THE DEVELOPMENT OF YOUR OWN COMPLETE SAMPLE APPLICATION USING THE LATEST TECHNIQUES IN RAILS WEB DEVELOPMENT. DRAWING ON HIS EXPERIENCE BUILDING RAILSSPACE, INSOSHI, AND OTHER SOPHISTICATED RAILS APPLICATIONS, HARTL ILLUMINATES ALL FACETS OF DESIGN AND IMPLEMENTATION—including powerful new techniques that simplify and accelerate development. YOU'LL FIND INTEGRATED TUTORIALS NOT ONLY FOR RAILS, BUT ALSO FOR THE ESSENTIAL RUBY, HTML, CSS, JAVASCRIPT, AND SQL SKILLS YOU'LL NEED WHEN DEVELOPING WEB APPLICATIONS. HARTL EXPLAINS HOW EACH NEW TECHNIQUE SOLVES A REAL-WORLD PROBLEM, AND HE DEMONSTRATES THIS WITH BITE-SIZED CODE THAT'S SIMPLE ENOUGH TO UNDERSTAND, YET NOVEL ENOUGH TO BE USEFUL. WHATEVER YOUR PREVIOUS WEB DEVELOPMENT EXPERIENCE, THIS BOOK WILL GUIDE YOU TO TRUE RAILS MASTERY. THIS BOOK WILL HELP YOU INSTALL AND SET UP YOUR RAILS DEVELOPMENT ENVIRONMENT GO BEYOND GENERATED CODE TO TRULY UNDERSTAND HOW TO BUILD RAILS APPLICATIONS FROM SCRATCH LEARN TEST DRIVEN DEVELOPMENT (TDD) WITH RSpec EFFECTIVELY USE THE MODEL-VIEW-CONTROLLER (MVC) PATTERN STRUCTURE APPLICATIONS USING THE REST ARCHITECTURE BUILD STATIC PAGES AND TRANSFORM THEM INTO DYNAMIC ONES MASTER THE RUBY PROGRAMMING SKILLS ALL RAILS DEVELOPERS NEED DEFINE HIGH-QUALITY SITE LAYOUTS AND DATA MODELS IMPLEMENT REGISTRATION AND AUTHENTICATION SYSTEMS, INCLUDING VALIDATION AND SECURE PASSWORDS UPDATE, DISPLAY, AND DELETE USERS ADD SOCIAL FEATURES AND MICROBLOGGING, INCLUDING AN INTRODUCTION TO AJAX RECORD VERSION CHANGES WITH GIT AND SHARE CODE AT GITHUB SIMPLIFY APPLICATION DEPLOYMENT WITH HEROKU

RAILS ANTI-PATTERNS CHAD PYTEL 2010-11-09 THE COMPLETE GUIDE TO AVOIDING AND FIXING COMMON RAILS 3 CODE AND DESIGN PROBLEMS AS DEVELOPERS WORLDWIDE HAVE ADOPTED THE POWERFUL RUBY ON RAILS WEB FRAMEWORK, MANY HAVE FALLEN VICTIM TO COMMON MISTAKES THAT REDUCE CODE QUALITY, PERFORMANCE, RELIABILITY, STABILITY, SCALABILITY, AND MAINTAINABILITY. RAILS ANTI-PATTERNS IDENTIFIES THESE WIDESPREAD RAILS CODE AND DESIGN PROBLEMS, EXPLAINS WHY THEY'RE BAD AND WHY THEY HAPPEN—and SHOWS EXACTLY WHAT TO DO INSTEAD. THE BOOK IS ORGANIZED INTO CONCISE, MODULAR CHAPTERS—EACH OUTLINES A SINGLE COMMON ANTI-PATTERN AND OFFERS DETAILED, COOKBOOK-STYLE CODE SOLUTIONS THAT WERE

PREVIOUSLY DIFFICULT OR IMPOSSIBLE TO FIND. LEADING RAILS DEVELOPERS CHAD PYTEL AND TAMMER SALEH ALSO OFFER SPECIFIC GUIDANCE FOR REFACTORIZING EXISTING BAD CODE OR DESIGN TO REFLECT SOUND OBJECT-ORIENTED PRINCIPLES AND ESTABLISHED RAILS BEST PRACTICES. WITH THEIR HELP, DEVELOPERS, ARCHITECTS, AND TESTERS CAN DRAMATICALLY IMPROVE NEW AND EXISTING APPLICATIONS, AVOID FUTURE PROBLEMS, AND ESTABLISH SUPERIOR RAILS CODING STANDARDS THROUGHOUT THEIR ORGANIZATIONS. THIS BOOK WILL HELP YOU UNDERSTAND, AVOID, AND SOLVE PROBLEMS WITH MODEL LAYER CODE, FROM GENERAL OBJECT-ORIENTED PROGRAMMING VIOLATIONS TO COMPLEX SQL AND EXCESSIVE REDUNDANCY DOMAIN MODELING, INCLUDING SCHEMA AND DATABASE ISSUES SUCH AS NORMALIZATION AND SERIALIZATION VIEW LAYER TOOLS AND CONVENTIONS CONTROLLER-LAYER CODE, INCLUDING RESTFUL CODE SERVICE-RELATED APIS, INCLUDING TIMEOUTS, EXCEPTIONS, BACKGROUNDING, AND RESPONSE CODES THIRD-PARTY CODE, INCLUDING PLUG-INS AND GEMS TESTING, FROM TEST SLITES TO TEST-DRIVEN DEVELOPMENT PROCESSES SCALING AND DEPLOYMENT DATABASE ISSUES, INCLUDING MIGRATIONS AND VALIDATIONS SYSTEM DESIGN FOR "GRACEFUL DEGRADATION" IN THE REAL WORLD

Obed (Obie) Fernandez 2014-05-26 The "Bible" for Rails Development: Now Fully Updated for Rails 4.1 "When I read The Rails Way for the first time, I felt like I truly understood Rails for the first time." —From the Foreword by Steve Klabnik RUBY ON RAILS 4 IS LEANER, TIGHTER, AND EVEN MORE VALUABLE TO PROFESSIONAL WEB DEVELOPERS. MORE THAN EVER, IT HELPS YOU FOCUS ON WHAT MATTERS MOST: DELIVERING BUSINESS VALUE VIA CLEAN AND MAINTAINABLE CODE. THE RAILS 4 WAY IS THE ONLY COMPREHENSIVE, AUTHORITATIVE GUIDE TO DELIVERING PRODUCTION-QUALITY CODE WITH RAILS 4. KEVIN FAUSTINO JOINS PIONEERING RAILS DEVELOPER OBIE FERNANDEZ TO ILLUMINATE THE ENTIRE RAILS 4 API, INCLUDING ITS MOST POWERFUL AND MODERN IDIOMS, DESIGN APPROACHES, AND LIBRARIES. THEY PRESENT EXTENSIVE NEW AND UPDATED CONTENT ON SECURITY, PERFORMANCE, CACHING, HAML, RSpec, AJAX, THE ASSET PIPELINE, AND MORE. THROUGH DETAILED CODE EXAMPLES, YOU'LL DIVE DEEP INTO THE RAILS 4 CODE BASE, DISCOVER WHY RAILS IS DESIGNED AS IT IS, AND LEARN HOW TO MAKE IT DO EXACTLY WHAT YOU WANT. PROVEN IN DOZENS OF PRODUCTION SYSTEMS, THIS BOOK'S TECHNIQUES WILL MAXIMIZE YOUR PRODUCTIVITY AND HELP YOU BUILD MORE SUCCESSFUL SOLUTIONS. YOU'LL WANT TO KEEP THIS GUIDE BY YOUR COMPUTER—you'll refer to it constantly. THIS GUIDE WILL HELP YOU BUILD POWERFUL, SCALABLE REST-COMPLIANT APIS PROGRAM COMPLEX PROGRAM FLOWS USING ACTION CONTROLLER REPRESENT MODELS, RELATIONSHIPS, CRUD OPERATIONS, SEARCHES, VALIDATION, CALLBACKS, AND MORE SMOOTHLY EVOLVE APPLICATION DATABASE SCHEMA VIA MIGRATIONS APPLY ADVANCED ACTIVE RECORD TECHNIQUES: SINGLE-TABLE INHERITANCE, POLYMORPHIC MODELS, AND MORE CREATE VISUAL ELEMENTS WITH ACTION VIEW AND PARTIALS OPTIMIZE PERFORMANCE AND SCALABILITY WITH VIEW CACHING MASTER THE HIGHLY PRODUCTIVE HAML HTML TEMPLATING ENGINE MAKE THE MOST OF RAILS' APPROACH TO SESSION MANAGEMENT SECURE YOUR SYSTEMS WITH RAILS 4'S IMPROVED AUTHENTICATION AND AUTHORIZATION RESIST SQL INJECTION, XSS, XSRF, AND OTHER ATTACKS EXTEND RAILS WITH POPULAR GEMS AND PLUGINS, AND LEARN TO WRITE YOUR OWN INTEGRATE EMAIL SERVICES WITH ACTION MAILER USE AJAX VIA RAILS 4 SUPPORT FOR UNOBTUSIVE JAVASCRIPT IMPROVE RESPONSIVENESS WITH BACKGROUND PROCESSING LEVERAGE ASSET PIPELINE TO SIMPLIFY DEVELOPMENT, IMPROVE PERCEIVED PERFORMANCE, AND REDUCE SERVER BURDENS ACCELERATE IMPLEMENTATION AND PROMOTE MAINTAINABILITY WITH RSpec

RUBY ON RAILS 2.3 TUTORIAL MICHAEL HARTL 2010-11-01 THE RUBY ON RAILS 2.3 TUTORIAL TEACHES WEB DEVELOPMENT WITH RUBY ON RAILS, AN OPEN-SOURCE WEB FRAMEWORK THAT POWERS MANY OF THE WEB'S TOP SITES, INCLUDING TWITTER, HULU, AND THE YELLOW PAGES. RUBY ON RAILS 2.3 TUTORIAL HELPS YOU LEARN RAILS BY EXAMPLE THROUGH THE DEVELOPMENT OF A SUBSTANTIAL SAMPLE APPLICATION, INCLUDING A SITE LAYOUT, A USER DATA MODEL, A FULL REGISTRATION AND AUTHENTICATION SYSTEM, USER-STATUS ASSOCIATIONS, SOCIAL "FOLLOWING," AND A FEED OF STATUS UPDATES. RUBY ON RAILS 2.3 TUTORIAL ALSO TEACHES GOOD SOFTWARE DEVELOPMENT PRACTICES, INCLUDING VERSION CONTROL WITH GIT AND GITHUB, TEST-DRIVEN DEVELOPMENT WITH RSpec, AND INSTANT DEPLOYMENT WITH HEROKU. THOUGH OF NECESSITY THE BOOK FOCUSES ON A SPECIFIC SAMPLE APPLICATION, THE EMPHASIS THROUGHOUT THIS BOOK IS ON GENERAL PRINCIPLES, SO YOU WILL HAVE A SOLID FOUNDATION NO MATTER WHAT KIND OF WEB APPLICATION YOU WANT TO BUILD.