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# Ruby On Rails 3 Tutorial

**Yan Bai**



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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 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 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

*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

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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 revamp 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



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