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# Ajax On Rails

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*Ajax On Rails*

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## BROOKLYN ALICE

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Unleashing Web 2.0 CRC Press  
 Web frameworks are playing a major role in the creation of today's most compelling web applications, because they automate many of the tedious tasks, allowing developers to instead focus on providing users with creative and powerful features. Java developers have been particularly fortunate in this area, having been able to take advantage of Grails, an open source framework that supercharges productivity when building Java-driven web sites. Grails is based on Groovy, which is a very popular and growing dynamic scripting language for Java developers and was inspired by Python, Ruby, and Smalltalk. Beginning Groovy, Grails and Griffon is the first introductory book on the Groovy language and its primary web framework, Grails. Griffon is also covered. While Grails is the Web framework for building Groovy Web applications, Griffon is the desktop framework for building desktop Groovy applications. Could Groovy be the new Java? It's light, fast and free (open source).

This book gets you started with Groovy, Grails and Griffon, and culminates in the example and possible application of some real-world projects. You follow along with the development of each project, implementing and running each application while learning new features along the way.

### **Ruby On Rails Up & Running** "O'Reilly Media, Inc."

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 5.1 and Ruby 2.4, with information on system testing, Webpack, and advanced JavaScript. 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. Rails 5.1 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 emails and manage background jobs with ActiveJob; 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 support for Webpack and advanced JavaScript, as well as Rails' new browser-based system testing. 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 for PHP and Java Developers** Addison-Wesley Professional

The Google Maps API is a showcase example of the Web 2.0 development paradigm, designed to be invitingly simple for developers to incorporate dynamic mapping services into Web applications. *Beginning Google Maps Applications with Rails and Ajax* takes a developer's perspective, showing how to integrate mapping features into their Rails-driven Web applications. The book shows how to draw on data sources such as the U.S. Census Bureau's TIGER/Line data and Google's own geocoding feature to build comprehensive geocoding services. The book includes guided examples demonstrating how to encourage user interaction such as pinpointing map locations, adding comments, and building community-driven maps.

*RailsSpace* New York : Simmons-Boardman

Standing out from other Rails references, this book meets the needs of designers who are not advanced programmers: sophisticated users who may find reams of code intimidating. *Rails Solutions* gives readers the tools to assemble dynamic sites quickly and easily. After a gentle introduction, the book walks the reader through setting up the development environment and the basics of Ruby syntax. Next, the book details the construction of real-world applications including a message posting system with data authentication, a file uploader, Ajax enhancements, and more. Coverage includes as customizing views, Rails helpers, add-ons and plugins, and Rails deployment tips.

**Beginning Ruby on Rails** "O'Reilly Media, Inc."

Provides information on creating Web-based applications.

**Learning Rails: Live Edition** O'Reilly Media

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*, *Insoshi*, 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) 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 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 popular gems and plugins and how to write your own Extend 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

**Special Edition Using Microsoft Expression Web 2** John Wiley & Sons

Build interactive Web applications with Ajax Create live searches and online spreadsheets Discover programming mistakes to avoid! Create blazing-fast Web applications with powerful Ajax If you think that mastering Ajax is too difficult, guess again. You can create Web applications that look and feel like desktop apps in less time than you think with the comprehensive Ajax instruction in this in-depth book. You'll find easy-to-follow tutorials, hundreds of tips and tricks, and so much practical information that even skilled developers will reach for this book first. Let this Bible be your guide as you jump into the hottest Web programming technology in years. \* Master the fundamentals--JavaScript(r), XML, dynamic HTML, and CSS \* Tie Ajax into Google with the Google(r) API \* Handle simultaneous XMLHttpRequest objects in Ajax \* Use Ajax frameworks such as Ruby on Rails, AjaxTags, and others \* Understand the Document Object Model (DOM) \* Create floating menus and effects with CSS \* Encrypt data over plain HTTP using JavaScript \* Adapt real-world examples to your own programs Companion Web site Find all the code used throughout the book at [www.wiley.com/go/ajaxbible](http://www.wiley.com/go/ajaxbible) *Agile Web Development with Rails 5.1* "O'Reilly Media, Inc."

Thanks to the explosive growth in popularity of the Rails framework, the equally popular Ruby programming language now has a great place to hang its hat. The powerful combination of the two provides the perfect toolset to create Web applications that feature concise code, clean syntax, and easy maintenance. This must-have book is your best guide on how to jump on the RoR bandwagon—from the basics of Ruby programming to advanced techniques for experienced Rails developers.

### Ajax Hacks Apress

This book discusses what Ajax is and what it means to Web developers, as well as the technologies behind Ajax applications. Working through this book, you'll discover how Ajax gives web developers the ability to build applications that are more interactive, more dynamic, more exciting and enjoyable for their users. This book shows you how to write some basic applications that use client-side JavaScript to request information from a Server side component and display it without doing a full page reload. This book teaches you how to create applications according to Ajax principles. It also presents several strategies for communicating between the client and the server, including sending raw data, and using XML or JSON (JavaScript Object Notation) for sending more complex collections of data. · AJAX: A New Approach · Understanding JavaScript for AJAX · Asynchronous data transfer with XMLHttpRequest · Implementing AJAX Frameworks · Implementing Yahoo UI Library · Implementing Google Web Toolkit · Creating Maps in AJAX · Creating ASP.NET AJAX Application · Integrating PHP and AJAX · Integrating AJAX with JSF · Integrating AJAX with Struts · Faster data transfer with JSON in AJAX · Understanding AJAX Patterns · Consuming Web Services in AJAX · Securing AJAX Applications · Debugging the AJAX Application

### Learning Rails Apress

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.

### *The Ruby on Rails 3 Tutorial and Reference Collection (Collection)* Apress

Ajax, the popular term for Asynchronous JavaScript and XML, is one of the most important combinations of technologies for web developers to know these days. With its rich grouping of technologies, Ajax developers can create interactive web applications with XML-based web services, using JavaScript in the browser to process the web server response. Taking complete advantage of Ajax, however, requires something more than your typical "how-to" book. What it calls for is Ajax Hacks from O'Reilly. This valuable guide provides direct, hands-on solutions that take the mystery out of Ajax's many capabilities. Each hack represents a clever way to accomplish a specific task, saving you countless hours of searching for the right answer. A smart

collection of 80 insider tips and tricks, Ajax Hacks covers all of the technology's finer points. Want to build next-generation web applications today? This book can show you how. Among the multitude of topics addressed, it shows you techniques for: Using Ajax with Google Maps and Yahoo Maps Displaying Weather.com data Scraping stock quotes Fetching postal codes Building web forms with auto-complete functionality Ajax Hacks also features a number of advanced hacks for accelerated web developers. Discover how to create huge, maintainable bookmarklets, how to use client-side storage for Ajax applications, and how to call a built-in Java object from JavaScript using Ajax. The book even addresses best practices for testing Ajax applications and improving maintenance, performance, and reliability for JavaScript code. The latest in O'Reilly's celebrated Hacks series, Ajax Hacks smartly complements other O'Reilly titles such as Head Rush Ajax and JavaScript: The Definitive Guide.

### **The Art of Rails** Information Today, Inc.

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! Learn more about our other Mastering titles at:

<https://www.routledge.com/Mastering-Computer-Science/book-ser>

ies/MCS

[Professional Ruby on Rails](#) Dreamtech Press

This short cut provides a complete quick reference to the Prototype JavaScript framework. Prototype is an open-source library that is particularly useful to developers of dynamic Ajax applications, and to other web developers who need to work with DOM elements. If you're a web developer building sophisticated, user-friendly applications, you should be using Prototype. This reference gives you everything you need to use Prototype to its fullest. This document covers Prototype 1.4. There will be a free upgrade to the Prototype 1.5 version of this document.

[Practical JRuby on Rails Web 2.0 Projects](#) Addison-Wesley Professional

The emergence of Web 2.0 is provoking challenging questions for developers: What products and services can our company provide to customers and employees using Rich Internet Applications, mash-ups, Web feeds or Ajax? Which business models are appropriate and how do we implement them? What are best practices and how do we apply them? If you need answers to these and related questions, you need *Unleashing Web 2.0*—a comprehensive and reliable resource that guides you into the emerging and unstructured landscape that is Web 2.0. Gottfried Vossen is a professor of Information Systems and Computer Science at the University of Muenster in Germany. He is the European Editor-in-Chief of Elsevier's *Information Systems—An International Journal*. Stephan Hagemann is a PhD. Student in Gottfried's research group focused on Web technologies. Presents a complete view of Web 2.0 including services and technologies Discusses potential new products and services and the technology and programming ability needed to realize them Offers 'how to' basics presenting development frameworks and best practices Compares and contrasts Web 2.0 with the Semantic Web

[Maintenance of Way Cyclopedia](#) Addison-Wesley Professional  
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 unobtrusive 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

**Beginning Ruby on Rails E-Commerce** Elsevier

While most books written about Rails cater to programmers looking for information on data structures, *Learning Rails* targets web developers whose programming experience is tied directly to the Web. Rather than begin with the inner layers of a Rails web application--the models and controllers--this unique book approaches Rails development from the outer layer: the application interface. You'll learn how to create something visible with Rails before reaching the more difficult database models and controller code. With *Learning Rails*, you can start from the foundations of web design you already know, and then move more deeply into Ruby, objects, and database structures. This book will help you: Present web content by building an application with a basic view and a simple controller, while learning Ruby along the way Build forms and process their results, progressing from the simple to the more complex Connect forms to models by setting up a database, and use Rails' ActiveRecord to create code that maps to database structures Use Rails scaffolding to build applications from a view-centric perspective Add common web application elements such as sessions, cookies, and authentication Build applications that combine data from multiple tables Create simple but dynamic interfaces with Rails and Ajax Once you complete *Learning Rails*, you'll be comfortable working with the Rails web framework, and you'll be well on your way to becoming a Rails guru.

[Beginning Google Maps Applications with Rails and Ajax](#) Apress  
*Ruby on Rails* offers developers the opportunity to create fully-featured web applications in double-quick time. Rails and e-commerce are a match made in heaven and *Beginning Ruby on Rails E-Commerce* is the first book to directly target this market. The book explains, via real-life scenarios, how to use Rails to create every aspect of an online store - from creating a product catalog, to building a reliable shopping cart system, all the way to features and functions like customer feedback forums. This combination of high sophistication and broad focus makes this an essential working reference - the book all developers are calling for.

[Maintenance of Way Cyclopedia](#) Apress

Learn to build dynamic, interactive web applications using the two most important approaches to web development today: Ajax and the phenomenally efficient Ruby on Rails platform. This book teaches intermediate to advanced web developers how to use both Ajax and Rails to quickly build high-performance, scalable applications without being overwhelmed with thousands of lines of JavaScript code. More than just recipes, you also get a thorough, low-level understanding of what's happening under the hood. *Ajax on Rails* includes three fully worked out Rails/Ajax applications, and quick reference sections for Prototype and script.aculo.us. Testing lessons show you how to eliminate cross-browser JavaScript errors and DOM debugging nightmares using a combination of Firebug, and Venkman. Advanced material explains the most current design practices for Ajax usability. You'll learn to avoid user experience mistakes with proven design patterns. Beyond the how-to, *Ajax on Rails* helps you consider when Ajax is (and isn't) appropriate, and the trade-offs associated with it. For those new to Rails, this book provides a quick introduction, the big picture, a walk through the installation

process, and some tips on getting started. If you've already started working with Rails and seek to deepen your skill set, you'll find dozens of examples drawn from real-world projects, exhaustive reference for every relevant feature, and expert advice on how to "Ajaxify" your applications.

**Information Tomorrow** "O'Reilly Media, Inc."

Ruby on Rails offers the ability to rapidly design and write high-quality code with elegance and maintainability. Written by an experienced web application developer, this book explains how to take good Rails code and turn it into beautiful Rails code: simple, effective, reusable, evolvable code. He discusses the very latest in design patterns, programming abstractions, and development methodologies that have emerged for the modern web. With each design technique, you'll discover how to make your own additions to Rails and craft a development environment tailored to your specific needs.

**Head First Rails** John Wiley & Sons

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 RailSpace social network.