Eventually, you will entirely discover a other experience and endowment by spending more cash. nevertheless when? reach you assume that you require to acquire those all needs following having significantly cash? Why dont you try to acquire something basic in the beginning? Thats something that will lead you to understand even more as regards the globe, experience, some places, with history, amusement, and a lot more?

It is your no question own period to accomplish reviewing habit. along with guides you could enjoy now is projects/jquery below.

Scala Programming Projects Mikael Valot 2018-09-29 Discover unique features and powerful capabilities of Scala Programming as you build projects in a wide range of domains Key FeaturesDevelop a range of Scala projects from web applications to big data analysisLeverage full power of modern web programming using Play FrameworkBuild real-time data pipelines in Scala with a Bitcoin transaction analysis appBook Description Scala is a type-safe JVM language that incorporates object-oriented and functional programming (OOP and FP) aspects. This book gets you started with essentials of software development by guiding you through various aspects of Scala programming, helping you bridge the gap between learning and implementing. You will learn about the unique features of Scala through diverse applications and experience simple yet powerful approaches for software development. Scala Programming Projects will help you build a number of applications, beginning with simple projects, such as a financial independence calculator, and advancing to other projects, such as a shopping application and a Bitcoin transaction analyzer. You will be able to use various Scala features, such as its OOP and FP capabilities, and learn how to write concise, reactive, and concurrent applications in a type-safe manner. You will also learn how to use top-notch libraries such as Akka and Play and integrate Scala apps with Kafka, Spark, and Zeppelin, along with deploying applications on a cloud platform. By the end of the book, you will not only know the ins and outs of Scala, but you will also be able to apply it to solve a variety of real-world problems What you will learnBuild, test, and package code using Scala Build ToolDecompose code into functions, classes, and packages for maintainabilityImplement the functional programming capabilities of ScalaDevelop a simple CRUD REST API using the Play frameworkAccess a relational database using SlickDevelop a dynamic web UI using Scala.jsSource streaming data using Spark Streaming and write a Kafka producerUse Spark and Zeppelin to analyze dataWho this book is for If you are an amateur programmer who wishes to learn how to use Scala, this book is for you. Knowledge of Java will be beneficial, but not necessary, to understand the concepts covered in this book.

Beyond jQuery Ray Nicholus 2016-10-19 Learn about the most important concepts surrounding web development and demystify jQuery. This book gives you the confidence to abandon your jQuery crutches and walk freely with the power of the web API and JavaScript. Beyond jQuery doesn't just throw code at you - everything is explained in detail from the perspective of a jQuery developer. jQuery is often injected into web applications and libraries with no logical reason for pulling it in as a dependency. Many web developers don't really know when they need to use jQuery, and when they don't - it's just a standard step when setting up a new library or web application. But relying solely on jQuery as your window to the web leaves large gaps in your knowledge. This in turn results in frustration when the abstraction that jQuery provides "leaks" and exposes you to the native aspects of the browser. This book educates developers, reveals the magic behind jQuery, helps you solve common problems without it, and gives you more confidence to embrace the power of the web API and standardized JavaScript. What You'll Learn Use the web API and standardized JavaScriptDetermine when you need jQuery and when you don'tReview common JavaScript utility functions Work with HTML elements Who This Book Is For Any web developer who is interested in learning how to live without jQuery, and deepening their understanding of web development.

Foundation Drupal 7 RJ Townsend 2011-02-23 Drupal is a content management framework that powers web sites from simple online brochures to more advanced sites including social networking sites, blogs, e-commerce sites, business portals, and more. It is free, open source software that allows anyone to
quickly and easily build web sites. Its full range of modules—including user permissions, security mechanisms, JavaScript menus, image uploaders, WYSIWYG editors, and more—helps you easily create the foundation for a powerful web site. With its templating system (and a few tips and tricks), any graphic design file can be used to create a Drupal web site. Foundation Drupal 7 covers all the topics necessary to quickly build Drupal-powered web sites, explaining in simple terms how Drupal works and providing you with concepts, tips, and code snippets for every step of the development process. From setting up a Drupal-ready web host and installing Drupal to using the administrative interface and configuring a site from start to finish, there is something here for everyone. In addition to thoroughly discussing all of Drupal’s core modules, this book reviews more than 50 contributed modules, including WYSIWYG HTML editors, JavaScript drop-down menus, web forms, and even the powerful Views module. Stephanie Pakrul, creator and maintainer of the Fusion theme, coauthors a chapter on how to lay out and add graphics to a site through Drupal’s administrative section. After reading this book, you will walk away with everything you need to know to quickly and successfully build a Drupal-powered web site. Whether you’re an experienced Drupal site builder looking to expand your skills, a web developer or designer interested in learning Drupal, or a weekend hobbyist looking to build your first site, Foundation Drupal 7 will give you the knowledge and inspiration you need to bring your ideas to life.

Beginning JQuery 2 for ASP.NET Developers Bipin Joshi 2013-12-07 jQuery is the most popular JavaScript library in use today, appearing on nearly two thirds of the 10,000 most visited sites on the web. With this sort of popularity, it’s clear that ASP.NET developers can’t afford to miss out. By combining jQuery with ASP.NET you get the best of both worlds: the client-side interactivity and responsiveness of JavaScript with the robustness and extensibility of Microsoft's web stack. Beginning jQuery 2 for ASP.NET Developers shows you how. To begin with, you’ll find out how jQuery hooks up with your ASP.NET controls, and simplifies event handling by keeping it in the browser. Then you’ll learn to handle dynamic content and responsive layouts by interacting with the DOM. Effects and animations are one of the most popular uses of the jQuery library, so we cover that next—showing you how to get a sleek modern look and feel to your site using some of the vast library of JavaScript that's already out there waiting to be used. Ajax is one of the areas where jQuery really shines, so you'll find out how to make Ajax calls to a web service and get data onto a page without waiting for slow ASP.NET postbacks every time. And no book on jQuery would be complete without jQuery Mobile: the popular mobile web framework that gets you writing sites that work across all the major mobile platforms. What you’ll learn:Select DOM elements using powerful jQuery selectorsUse jQuery with ASP.NET server controls, ASP.NET MVC form fields and other DOM elementsManipulate and traverse the DOM tree and add jQuery effects to ASP.NET web pagesMake Ajax calls and pass JSON data to Web Services, Web Methods, WCF services, controller action methods, HTTP handlers and Web APIsUnderstand code reuse by creating and using jQuery pluginsGet introduced to jQuery UI and jQuery mobile and use them in ASP.NET Web Forms and MVC applicationsWho this book is forThis book is for novice to intermediate developers who want to improve and enhance their ASP.NET Web Forms and ASP.NET MVC projects with client-side scripting. Table of ContentsChapter 1. The JavaScript You Need to Know Chapter 2. A First Look at jQuery Chapter 3. ASP.NET Controls and jQuery Selectors Chapter 4. How jQuery Simplifies Event Handling Chapter 5. The DOM and Dynamic Content Chapter 6. More DOM and Useful jQuery Methods Chapter 7. Great-looking ASP.NET Pages with jQuery Effects and Animations Chapter 8. Making Ajax Calls to .NET Web Services Chapter 9. Creating and Using jQuery Plug-ins Chapter 10. jQuery UI and jQuery Mobile Chapter 11. Useful jQuery and ASP.NET Recipes Appendix: Learning ResourcesProfessional JQuery Cesar Otero 2012-05 Looks at the concepts, techniques, and practices of jQuery, with information on such topics as working with the DOM, using Ajax, applying widgets, and creating application interfaces.

ASP.NET MVC 1.0 Website Programming Nick Berardi 2009-06-03 Perfectly suited to the innovative Problem ? Design ? Solution approach, ASP.NET MVC is a new development model that separates code for the data, look, and business processes of a Web site. This nuts-and-bolts guide thoroughly covers creating a Web site with MVC and discusses solving the most common problems that you may encounter when creating your first application or trying to upgrade a current application. The material is based on the highly praised and widely used ?TheBeerHouse? ASP.NET Starter Kit that was developed in the best-selling ASP.NET 2.0 Website Programming: Problem?Design?Solution. Additional coverage includes registration and membership systems and user-selectable themes; content management systems for articles and photos; polls, mailing lists, and forums; e-commerce stores, shopping carts, and order
management with real-time credit card processing, and more.
JavaScript Programming Jon Raasch 2013-07-22 Take your JavaScript knowledge as far as it can go
JavaScript has grown up, and it's a hot topic. Newer and faster JavaScript VMs and frameworks built
upon them have increased the popularity of JavaScript for server-side web applications, and rich JS
applications are being developed for mobile devices. This book delivers a compelling tutorial, showing you
how to build a real-world app from the ground up. Experienced developers who want to master the latest
techniques and redefine their skills will find this deep dive into JavaScript's hidden functionalities gives
them the tools to create truly amazing and complex applications. JavaScript has evolved into much more
than simple client-side scripting; this book delves into advanced topics not generally found in other more
intermediate JS development books. Expert author delivers an in-depth tutorial showing how to build a
real-world app that is loosely coupled, with each component built to exist separately. Explores how to build a
backbone app, the importance of JavaScript templates, Node.js and MongoDB, 3D Canvas using WebGL
/Three.js, how to convert a desktop app into a dedicated mobile app, and much more. Ideal for
experienced developers with a deep knowledge of JavaScript as well as online developers with strong
graphic design skills who are experienced in HTML/CSS and want to develop their front-end skills.
JavaScript Programming: Pushing the Limits will arm you with the skills to create killer apps for the 21st
Century.
2014-09-30 Technological advances in the field of IT lead to the creation of new programs intended to
merge the advantages of desktop-based programs with the advantages of Web-based programs in order
to increase user accessibility and provide effective computer performance. Frameworks, Methodologies,
and Tools for Developing Rich Internet Applications presents current research and analysis on the use of
JavaScript and software development to establish new programs intended for the Web. With an in-depth
look at computer and Web programming, this publication emphasizes the benefits and dynamic qualities
of these emerging technologies. This book is an essential reference source for academicians,
researchers, students, practitioners, and professionals interested in understanding and applying the
advances in the combined fields of Web engineering and desktop programming in order to increase
computer users' visual experience and interactivity.
language for creating modern, interactive websites, but its complex rules challenge even the most
experienced web designers. With JavaScript: The Missing Manual, you'll quickly learn how to use
JavaScript in sophisticated ways -- without pain or frustration -- even if you have little or no programming
experience. JavaScript expert David McFarland first teaches you the basics by having you build a simple
program. Then you'll learn how to work with jQuery, a popular library of pre-built JavaScript components
that's free and easy to use. With jQuery, you can quickly build modern, interactive web pages -- without
having to script everything from scratch! Learn how to add scripts to a web page, store and manipulate
information, communicate with the browser window, respond to events like mouse clicks and form
submissions, and identify and modify HTML. Get real-world examples of JavaScript in action. Learn to
build pop-up navigation bars, enhance HTML tables, create an interactive photo gallery, and make web
forms more usable. Create interesting user interfaces with tabbed panels, accordion panels, and pop-up
dialog boxes. Learn to avoid the ten most common errors new programmers make, and how to find and
fix bugs. Use JavaScript with Ajax to communicate with a server so that your web pages can receive
information without having to reload.
Extending IBM Business Process Manager to the Mobile Enterprise with IBM Worklight Ahmed Abdel-
Hamid 2015-02-13 In today's business in motion environments, workers expect to be connected to their
critical business processes while on-the-go. It is imperative to deliver more meaningful user
engagements by extending business processes to the mobile working environments. This IBM®
Redbooks® publication provides an overview of the market forces that push organizations to reinvent
their process with Mobile in mind. It describes IBM Mobile Smarter Process and explains how the
capabilities provided by the offering help organizations to mobile-enable their processes. This book
outlines an approach that organizations can use to identify where within the organization mobile
technologies can offer the greatest benefits. It provides a high-level overview of the IBM Business
Process Manager and IBM Worklight® features that can be leveraged to mobile-enable processes and
accelerate the adoption of mobile technologies, improving time-to-value. Key IBM Worklight and IBM
Business Process Manager capabilities are showcased in the examples included in this book. The
examples show how to integrate with IBM BluemixTM as the platform to implement various supporting
processes. This IBM Redbooks publication discusses architectural patterns for exposing business processes to mobile environments. It includes an overview of the IBM MobileFirst reference architecture and deployment considerations. Through use cases and usage scenarios, this book explains how to build and deliver a business process using IBM Business Process Manager and how to develop a mobile app that enables remote users to interact with the business process while on-the-go, using the IBM Worklight Platform. The target audience for this book consists of solution architects, developers, and technical consultants who will learn the following information: What is IBM Mobile Smarter Process Patterns and benefits of a mobile-enabled Smarter Process IBM BPM features to mobile-enable processes IBM Worklight features to mobile-enable processes Mobile architecture and deployment topology IBM BPM interaction patterns Enterprise mobile security with IBM Security Access Manager and IBM Worklight Implementing mobile apps to mobile-enabled business processes

HTML5 Adam McDaniel 2011-10-20
HTML, XHTML and CSS For Dummies Ed Tittel 2010-12-09 The indispensable introductory reference guide to HTML, XHTML and CSS Even though new technologies enable people to do much more with the Web, in the end HTML, XHTML and CSS are still at the root of any Web site. The newest edition of this bestselling guide is fully updated and revised for the latest technology changes to the field, including HTML5 and CSS3. Illustrated in full color, this book provides beginner and advanced coders the tools they need to be proficient at these programming languages. Shows you how to create a Web page and formulate XHTML document structure Addresses working with content management systems (WordPress, Drupal, and Joomla), and designing for mobile devices (iPhone, BlackBerry, and Android) Introduces HTML5 and CSS3, tools critical to mobile Web development Reviews working with text, lists, and images, and customizing links Demonstrates ways to employ cascading style sheets (CSS) and get creative with colors and fonts Details integrating scripts with XHTML and understanding deprecated HTML markup tags Written by two veteran computer whizzes, HTML, XHTML and CSS For Dummies will help you get the design results you want!

jQuery in Action Bear Bibeault 2015-08-26 Summary jQuery in Action, Third Edition, is a fast-paced and complete guide to jQuery, focused on the tasks you'll face in nearly any web dev project. Written for readers with minimal JavaScript experience, this revised edition adds new examples and exercises, along with the deep and practical coverage you expect from an In Action book. You'll learn how to traverse HTML documents, handle events, perform animations, write plugins, and even unit test your code. The unique lab pages anchor each concept with real-world code. Several new chapters teach you how to interact with other tools and frameworks to build modern single-page web applications. Purchase of the print book includes a free eBook in PDF, Kindle, and ePUB formats from Manning Publications.

About the Technology Thanks to jQuery, no one remembers the bad old days when programmers manually managed browser inconsistencies, CSS selectors support, and DOM navigation, and when every animation was a frustrating exercise in raw JavaScript. The elegant, intuitive jQuery library beautifully manages these concerns, and jQuery 3 adds even more features to make your life as a web developer smooth and productive. About the Book jQuery in Action, Third Edition, is a fast-paced guide to jQuery, focused on the tasks you'll face in nearly any web dev project. In it, you'll learn how to traverse the DOM, handle events, perform animations, write jQuery plugins, perform Ajax requests, and even unit test your code. Its unique Lab Pages anchor each concept in real-world code. This expanded Third Edition adds new chapters that teach you how to interact with other tools and frameworks and build modern single-page web applications. What's Inside Updated for jQuery 3 DOM manipulation and event handling Animations and effects Advanced topics including Unit Testing and Promises Practical examples and labs About the Readers Readers are assumed to have only beginning-level JavaScript knowledge. About the Authors Bear Bibeault is coauthor of Secrets of the JavaScript Ninja, Ajax in Practice, and Prototype and Scriptaculous in Action. Yehuda Katz is an early contributor to jQuery and cocreator of Ember.js. Aurelio De Rosa is a full-stack web developer and a member of the jQuery content team. Table of Contents PART 1 STARTING WITH JQUERY Introducing jQuery PART 2 CORE JQUERY Selecting elements Operating on a jQuery collection Working with properties, attributes, and data Bringing pages to life with jQuery Events are where it happens! Demo: DVD discs locator Energizing pages with animations and effects Beyond the DOM with jQuery utility functions Talk to the server with AJAX 260 Demo: an Ajax-powered contact form PART 3 ADVANCED TOPICS When jQuery is not enough...plugins to the rescue! Avoiding the callback hell with Deferred Unit testing with QUnit How jQuery fits into large projects

HTML5 Programming for ASP.NET Developers Bipin Joshi 2012-12-18 HTML5 Programming for
ASP.NET Developers teaches you to harness the power and flexibility of HTML5 in your ASP.NET Web Forms and ASP.NET MVC applications. Focusing on the programmable features of HTML5 that will be most useful to you as an ASP.NET developer, this book will take you straight to the heart of what you can get out of this new technology. HTML5 is an emerging web standard that has received a great deal of attention from browser companies and the developer community, encompassing HTML, JavaScript enhancements and CSS3 specifications. But HTML5 isn't just about markup. A major part of HTML5 is its programmable features and APIs, which make up the core of this book. HTML5 Programming for ASP.NET Developers will show you how to: Add interactivity and media to your sites using the Canvas and Audio and Video APIs. Make your web applications work offline, understand client side storage options using web storage, and work with local files using the File API. Use the Communication API and Web Sockets for easier communication between server and client. Other topics include multithreading with Web Workers, understanding the new input types, using Geolocation, and enhancing your web forms and views with CSS3. All major browsers already support HTML5 to varying degrees and are aggressively working to provide full-fledged standardized support. Start using HTML5 in your projects today, and build future-ready web applications that take advantage of the exciting features that HTML5 has to offer.

JavaScript: The Web Warrior Series Sasha Vodnik 2014-09-01 Now in its sixth edition, JAVASCRIPT guides beginning programmers through web application development using the JavaScript programming language. As with previous editions of the book, the authors introduce key web authoring techniques with a strong focus on industry application. New coverage includes developing for touchscreen and mobile devices, and using the jQuery library. A real-world project, similar to what students would encounter in a professional setting, is developed chapter by chapter. Because professional web development jobs often require programmers to add features to existing sites, each chapter project uses a professionally designed web site. After completing a course using this textbook, students will be able to use JavaScript to build professional quality, dynamic web sites. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

jQuery and JavaScript in 24 Hours, Sams Teach Yourself Brad Dayley 2013-12-23 Learn jQuery and JavaScript in 24 one-hour lessons Sams Teach Yourself jQuery and JavaScript in 24 Hours helps you build dynamic single-page web apps that deliver the rich experiences your users want. This book’s straightforward, step-by-step approach shows you how to create effects, animations, lists, complex forms, and more. In just a few hours, you’ll be building great user interfaces for any device, even the newest smartphones and tablets. Every lesson builds on what you’ve already learned, giving you a rock-solid foundation for real-world success. Step-by-step instructions carefully walk you through the most common jQuery and JavaScript development tasks. Practical, hands-on examples show you how to apply what you learn. Quizzes and exercises help you test your knowledge and stretch your skills Notes and tips point out shortcuts and solutions Learn how to… Quickly start building web pages with jQuery and JavaScript Master jQuery syntax, logic, functions, and objects Efficiently access, manipulate, and navigate DOM elements Build highly interactive web pages with events and event handlers Implement cookies, pop-up windows, and timers Create animations, special effects, and image galleries Construct, interact with, and validate forms Use advanced elements, such as table filters, custom dialogs, and dynamic sparklines Access server-side data via AJAX Work with data using JSON, XML, queues, and binding Build superior user interfaces more quickly with jQuery UI Add richer page interactions with jQuery UI Widgets Create mobile-friendly pages with jQuery Mobile Customize your mobile pages with jQuery Mobile ThemeRoller Contents at a Glance PART I: Introduction to jQuery and JavaScript Development HOUR 1: Intro to Dynamic Web Programming HOUR 2: Debugging jQuery and JavaScript Web Pages HOUR 3: Understanding Dynamic Web Page Anatomy HOUR 4: Adding CSS/CSS3 Styles to Allow Dynamic Design and Layout HOUR 5: Jumping into jQuery and JavaScript Syntax HOUR 6: Understanding and Using JavaScript Objects PART II: Implementing jQuery and JavaScript in Web Pages HOUR 7: Accessing DOM Elements Using JavaScript and jQuery Objects HOUR 8: Navigating and Manipulating jQuery Objects and DOM Elements with jQuery HOUR 9: Applying Events for Richly Interactive Web Pages HOUR 10: Dynamically Accessing and Manipulating Web Pages HOUR 11: Accessing Data Outside the Web Page PART III: Building Richly Interactive Web Pages HOUR 12: Enhancing User Interaction Through Animation and Other Special Effects HOUR 13: Interacting with Web Forms HOUR 14: Creating Advanced Web Page Elements PART IV: Advanced Concepts HOUR 15: Accessing Server-Side Data via AJAX HOUR 16: Interacting with External Services, Facebook, Google, Twitter, and Flickr PART V: jQuery UI HOUR 17: Introducing jQuery UI HOUR 18: Using jQuery
UI Effects HOUR 19: Advanced Interactions Using jQuery UI Interaction Widgets
HOUR 20: Using jQuery UI Widgets to Add Rich Interactions to Web Pages
PART VI: jQuery Mobile
HOUR 21: Introducing Mobile Website Development
HOUR 22: Implementing Mobile Web Pages
HOUR 23: Formatting Content in Mobile Pages
HOUR 24: Implementing Mobile Form Elements and Controls

Hands-on Nuxt.js Web Development
Lau Tiam Kok 2020-08-14
Learn Nuxt.js for building server-side rendered, static-generated, and production-ready Vue.js web applications with the help of practical examples

Key Features
Explore techniques for authentication, testing, and deployment to build your first complete Nuxt.js web app
Write cleaner, maintainable, and scalable isomorphic JavaScript web applications
Transform your Vue.js application into universal and static-generated web apps

Book Description
Nuxt.js is a progressive web framework built on top of Vue.js for server-side rendering (SSR). With Nuxt.js and Vue.js, building universal and static-generated applications from scratch is now easier than ever before. This book starts with an introduction to Nuxt.js and its constituents as a universal SSR framework. You'll learn the fundamentals of Nuxt.js and find out how you can integrate it with the latest version of Vue.js. You'll then explore the Nuxt.js directory structure and set up your first Nuxt.js project using pages, views, routing, and Vue components. With the help of practical examples, you'll learn how to connect your Nuxt.js application with the backend API by exploring your Nuxt.js application's configuration, plugins, modules, middleware, and the Vuex store. The book shows you how you can turn your Nuxt.js application into a universal or static-generated application by working with REST and GraphQL APIs over HTTP requests. Finally, you'll get to grips with security techniques using authorization, package your Nuxt.js application for testing, and deploy it to production. By the end of this web development book, you'll have developed a solid understanding of using Nuxt.js for your projects and be able to build secure, end-to-end tested, and scalable web applications with SSR, data handling, and SEO capabilities.

What you will learn
Integrate Nuxt.js with the latest version of Vue.js
Extend your Vue.js applications using Nuxt.js pages, components, routing, middleware, plugins, and modules
Create a basic real-time web application using Nuxt.js, Node.js, Koa.js and RethinkDB
Develop universal and static-generated web applications with Nuxt.js, headless CMS and GraphQL
Build Node.js and PHP APIs from scratch with Koa.js, PSRs, GraphQL, MongoDB and MySQL
Secure your Nuxt.js applications with the JWT authentication
Discover best practices for testing and deploying your Nuxt.js applications

Who this book is for
The book is for any JavaScript or full-stack developer who wants to build server-side rendered Vue.js apps. A basic understanding of the Vue.js framework will assist with understanding key concepts covered in the book.

Wordpress 3.0 Jquery
Tessa Blakeley Silver 2010-09-24
Enhance your WordPress website with the captivating effects of jQuery.

Pro SharePoint with jQuery
Phill Duffy 2012-06-09
Pro SharePoint with jQuery is all about how to work seamlessly with the two popular technologies to create rich and interactive web parts, application pages, and more. In this book, author Phill Duffy provides complete, meaningful and realistic examples to really help you understand the key concepts and their integration points. Inside, you'll find all the tools and resources you need to use jQuery to provide the next level of SharePoint functionality. Learn what it takes to get ready to use jQuery, how to create rich, responsive, and highly functional user interfaces, how to call the SharePoint web services and work with HTML elements, and much more with Pro SharePoint with jQuery. Takes you through the different ways of integrating jQuery into your SharePoint environment. Provides various levels of projects to show off the extensive capabilities of jQuery within SharePoint. Teaches you how to provide rich, fluent and interactive jQuery-enabled user interfaces.

Practical Rails 3 with jQuery Projects
Yakov Fain 2014-07-02
If you want to build your organization’s next web application with HTML5, this practical book will help you sort through the various frameworks, libraries, and development options that populate this stack. You’ll learn several of these approaches hands-on by writing multiple versions of a sample web app throughout the book, so you can determine the right strategy for your enterprise. What’s the best way to reach both mobile and desktop users? How about modularization, security, and test-driven development? With lots of working code samples, this book will help web application developers and software architects navigate the growing number of HTML5 and JavaScript choices available. The book’s sample apps are available at http://savesickchild.org. Mock up the book’s working app with HTML, JavaScript, and CSS Rebuild the sample app, first with jQuery and then Ext JS Work with different build tools, code generators, and package managers Build a modularized version of the app with RequireJS Apply test-driven development with the Jasmine framework Use WebSocket to build an online auction for the app Adapt the app for both PCs and mobile with responsive
Focuses on a specific part of your website and how to improve its design with the use of jQuery. There are various ways to tackle the challenges and opportunities presented by accessibility, including focusing on the needs of users with disabilities. This book introduces the new HTML5 specification from an accessibility perspective, showing how incorporating accessibility into your interfaces using HTML5 can have benefits for all users. It explains how HTML5 is currently supported (or not) by assistive technologies such as screen readers, and what this means practically for accessibility in your web projects. The HTML5 specification is huge, with new APIs and patterns that can be difficult to understand. Accessibility can also seem complex and nuanced if you have no experience interacting with people with disabilities. This book walks you through the process of designing exciting user interfaces that can potentially be used by everyone, regardless of ability. Accessibility is really a quality design issue, and getting it right is often more a matter of approach than having sophisticated, cutting-edge tools at your disposal. This book will be your companion in your journey to understand both HTML5 and accessibility, as the author has many years of experience as a designer and web developer working directly with people with all types of disabilities. He has been involved with the development of HTML5 from an accessibility perspective for many years, as a member of the W3C WAI Protocols and Formats working group (which is responsible for ensuring W3C specifications are serving the needs of people with disabilities) as well as the HTML5 Working Group itself. Introduces the new HTML5 specification from an accessibility perspective. Shows how incorporating accessibility into your interfaces using HTML5 can have benefits for all users. Explains how HTML5 is currently supported by assistive technologies like screen readers, and how to work around these limitations when developing.

Web Information Systems and Technologies Karl-Heinz Krempels 2014-07-24 This book contains the thoroughly refereed and revised best papers from the 9th International Conference on Web Information Systems and Technologies, WEBIST 2013, held in Aachen, Germany, in May 2013, organized by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC), and co-organized by the RWTH Aachen University. The 15 papers presented in this book were carefully reviewed and selected from 143 submissions. The papers were selected from those with the best reviews also taking into account the quality of their presentation at the conference. The papers are grouped into parts on Internet technology, Web interfaces and applications, society, e-business and e-government, Web intelligence, and mobile information systems.

jQuery for Designers Natalie MacLees 2012-01-01 Part of Packt's Beginner's Guide series, each chapter focuses on a specific part of your website and how to improve its design with the use of jQuery. There are various ways to tackle the challenges and opportunities presented by accessibility, including focusing on the needs of users with disabilities. This book introduces the new HTML5 specification from an accessibility perspective, showing how incorporating accessibility into your interfaces using HTML5 can have benefits for all users. It explains how HTML5 is currently supported (or not) by assistive technologies such as screen readers, and what this means practically for accessibility in your web projects. The HTML5 specification is huge, with new APIs and patterns that can be difficult to understand. Accessibility can also seem complex and nuanced if you have no experience interacting with people with disabilities. This book walks you through the process of designing exciting user interfaces that can potentially be used by everyone, regardless of ability. Accessibility is really a quality design issue, and getting it right is often more a matter of approach than having sophisticated, cutting-edge tools at your disposal. This book will be your companion in your journey to understand both HTML5 and accessibility, as the author has many years of experience as a designer and web developer working directly with people with all types of disabilities.

Project Reliability Engineering Eyal Shahar 2019-09-28 Turn your projects from a weekend hack to a long-living creation! Loosely drawing from the field known in large software companies as Site Reliability Engineering (SRE), this book distills from these disciplines and addresses issues that matter to makers: keeping projects up and running, and providing means to control, monitor, and troubleshoot them. Most examples use the Raspberry Pi, but the techniques discussed apply to other platforms as well. This book is all about breadth, and in the spirit of making, it visits different technologies as needed. However, the big goal in this book is to create a shift in the reader’s mindset, where weekend hacks are pushed to the next level and are treated as products to be deployed. In that regard, this book can be a stepping stone for hobbyist makers into developing a broader, professional skill set. First, the book describes techniques for creating web-browser based dashboards for projects. These allow project creators to monitor, control, and troubleshoot their projects in real-time. Project Reliability Engineering discusses various aspects of the process of creating a web dashboard, such as network communication protocols, multithreading, and web design, and data visualization. Later chapters cover configuration of the project and the machine it’s running on, and additional techniques for project monitoring and diagnosis. These include good logging practices; automatic log and metrics monitoring; and alerting via email and text messages; A mixture of advanced concepts forms the last chapter of the book, touching on topics such as usage of microservices in complex projects; debugging techniques for object-oriented projects; and fail-safing the project’s software and hardware. What You’ll Learn Monitor and control projects, keep them up and running, and troubleshoot them efficiently Get acquainted with available tools and libraries, and learn how to make your own tools Expand your knowledge in Python, JavaScript and Linux Develop deeper understanding of web technologies Design robust and complex systems Who This Book Is For Members of the maker community with some development skills.
are plenty of screenshots and practical step-by-step instructions making it easy to apply jQuery to your site. This book is for designers who have the basics of HTML and CSS, but want to extend their knowledge by learning to use JavaScript and jQuery.

**jQuery Hotshot**

Dan Wellman 2013-03-26

This book takes a hands-on, tutorial-style approach that walks you step-by-step through 10 individual projects that each focus on producing a specific, real-world product or application. This book is aimed primarily at front-end developers, preferably already with a little jQuery experience, or those people that simply want to build on their existing skills with jQuery.

**JavaScript in 24 Hours, Sams Teach Yourself**

Phil Ballard 2018-09-07

In just 24 lessons of one hour or less, Sams Teach Yourself JavaScript in 24 Hours helps you learn the fundamentals of web programming using the JavaScript language. Designed for beginners with no previous programming experience, this book’s straightforward, step-by-step approach shows you how to use JavaScript to add a wide array of interactive features and effects to your web pages. Every lesson builds on what you’ve already learned, giving you a rock-solid foundation for real-world success. Step-by-step instructions carefully walk you through the most common JavaScript programming tasks. Practical, hands-on examples show you how to apply what you learn. Quizzes and exercises help you test your knowledge and stretch your skills. Learn how to...

- Use JavaScript to build dynamic, interactive web pages
- Debug scripts
- Create scripts that work in all browsers
- Write clear, reliable, and reusable code
- Use object-oriented programming techniques
- Script with the DOM
- Manipulate JSON data
- Work with HTML5 and CSS3
- Control CSS with simple JavaScript code
- Read and write cookies
- Use some of the new ECMAScript features today
- Match patterns using regular expressions
- Understand and use closures
- Organize your code with modules

**Learning jQuery**

Jonathan Chaffer 2011-09-23

Create better interaction, design, and web development with simple JavaScript techniques.

**JavaScript and AJAX For Dummies**

Andy Harris 2009-11-05

Learn to use these powerful tools together and build Web sites that work. If you want to build Web pages that offer real value to your site's visitors, JavaScript and AJAX are top tools for the job. Even if you're new to Web programming, this book helps you create sites any designer will admire. With easy-to-understand steps and an emphasis on free tools, you'll be able to jump right into building a site using the same techniques as the pros. Down to basics learn your way around JavaScript and choose an editor and test browser Manage complexity use functions, arrays, and objects to create more sophisticated programs Page magic discover how to control what happens on your pages, animate objects, and put pages in motion Get beautiful Use the jQuery User Interface library to add sliders, tabbed interfaces, and custom dialogs to a site Come clean with AJAX build AJAX requests into your programs, use jQuery, and work with AJAX data Open the book and find: How to choose a test browser How to discuss string concatenation with a straight face Tips for debugging your code How to add useful information to a dropdown list Why AJAX connections should be asynchronous The exciting possibilities of the jQuery library How to use the Aptana editor Online resources for JavaScript programmers

**Pro JavaScript Development**

Den Odell 2014-08-28

Pro JavaScript Development is a practical guide for front-end web developers who are experienced at building web pages with HTML, CSS, and JavaScript, and now wish to advance their JavaScript skills to a higher level. You will learn how to build large, well-structured, high quality, mobile-optimized web sites and apps, using the latest supported browser APIs, language features, and tools. This book teaches and shows you in practical hands-on terms how you can: Master the performance, reliability, stability, and code manageability of your JavaScript Understand and write efficient object-oriented and prototypal code, including full understanding of the ‘this’ keyword Boost the performance of your JavaScript code Architect large web applications using common design patterns Write high quality JavaScript code and avoid the pitfalls most likely to cause errors Manage code dependencies with AMD and RequireJS Develop for mobile, build games, and set up a real-time video chat using modern APIs such as Geolocation, Canvas and WebRTC Document your code as the professionals do Write command-line and web server applications in JavaScript with Node.js, Use build tools, such as Grunt and Gulp, to automate repetitive tasks and improve your development workflow Using real-world examples and applications that you’ll build yourself, Pro JavaScript Development has unique, practical content that will make you a better JavaScript developer. Become a master of the latest JavaScript coding techniques and tools, and harness its best capabilities today.

**ECOOP 2006 - Object-Oriented Programming**

Dave Thomas 2006-09-26

This book constitutes the refereed proceedings of the 20th European Conference on Object-Oriented Programming, ECOOP 2006, held in Nantes, France in July 2006. 20 revised full papers, together with 3 keynote papers were carefully
reviewed and selected. The papers are organized in topical sections on program query and persistence, ownership and concurrency, languages, type theory, types for object-oriented languages, tools, and modularity. 5 more papers celebrate the 20th anniversary of ECOOP.

Learn HTML5 and JavaScript for Android Gavin Williams 2012-09-22 Learn HTML5 and JavaScript for Android teaches the essential HTML5 and JavaScript skills you need to make great apps for the Android platform and browser. This book guides you through the creation of a mobile web app. You'll put the HTML5, CSS3 and JavaScript skills you learn into practice, giving you invaluable first-hand experience that will serve you well as you go on to develop your own web apps for Android smartphones and tablets. Throughout this book, you will learn new skills and bring these altogether to create a web app that runs on the Android platform as well as other mobile platforms.

JavaScript & JQuery David McFarland 2011-10-21 Provides information on creating Web applications with JavaScript and the jQuery library of code.

Pro NuGet Maarten Balliauw 2012-06-12 Pro NuGet offers you a solid architectural understanding of how to manage software dependencies using NuGet, an open-source package management tool for the .NET Framework. Providing practical guidance through a multitude of examples and more advanced scenarios, this book shows you how to unleash all the power that NuGet offers. It will help you to streamline your day to day development and even make it more fun to write code. Authors Maarten Balliauw and Xavier Decoster have been working with NuGet since it was first released, contributing many ideas and practical solutions to the community over that time. In this book they demonstrate both the core concepts and the more advanced thinking needed to use NuGet effectively.

ROS Robotics Projects Lentin Joseph 2017-03-31 Build a variety of awesome robots that can see, sense, move, and do a lot more using the powerful Robot Operating System About This Book Create and program cool robotic projects using powerful ROS libraries Work through concrete examples that will help you build your own robotic systems of varying complexity levels This book provides relevant and fun-filled examples so you can make your own robots that can run and work Who This Book Is For This book is for robotic enthusiasts and researchers who would like to build robot applications using ROS. If you are looking to explore advanced ROS features in your projects, then this book is for you. Basic knowledge of ROS, GNU/Linux, and programming concepts is assumed. What You Will Learn Create your own self-driving car using ROS Build an intelligent robotic application using deep learning and ROS Master 3D object recognition Control a robot using virtual reality and ROS Build your own AI chatter-bot using ROS Get to know all about the autonomous navigation of robots using ROS Understand face detection and tracking using ROS Get to grips with teleoperating robots using hand gestures Build ROS-based applications using Matlab and Android Build interactive applications using TurtleBot In Detail Robot Operating System is one of the most widely used software frameworks for robotic research and for companies to model, simulate, and prototype robots. Applying your knowledge of ROS to actual robotics is much more difficult than people realize, but this title will give you what you need to create your own robotics in no time! This book is packed with over 14 ROS robotics projects that can be prototyped without requiring a lot of hardware. The book starts with an introduction of ROS and its installation procedure. After discussing the basics, you'll be taken through great projects, such as building a self-driving car, an autonomous mobile robot, and image recognition using deep learning and ROS. You can find ROS robotics applications for beginner, intermediate, and expert levels inside! This book will be the perfect companion for a robotics enthusiast who really wants to do something big in the field. Style and approach This book is packed with fun-filled, end-to-end projects on mobile, armed, and flying robots, and describes the ROS implementation and execution of these models.

HTML5 for Flash Developers Matt Fisher 2013-01-01 A step by step guide with detailed examples.Experienced Flash AS3 programmers who are making the switch to Javascript and HTML5.

Git Recipes Wlodzimierz Gajda 2014-01-20 Whether you're relatively new to git or you need a refresher, or if you just need a quick, handy reference for common tasks in git, Git Recipes is just the reference book you need. With recipes to cover any task you can think of, including working with GitHub and git on BitBucket, Git Recipes shows you how to work with large repositories, new repositories, forks, clones, conflicts, differences, and it even gives you practical scenarios you may find yourself dealing with while using git. If you work with Git at all, you need this hands-on, practical reference for all things Git.

Sams Teach Yourself JavaScript in 24 Hours Phil Ballard 2012-11-05 Learn JavaScript in 24 Hours Covers JavaScript 1.8+, Ajax and jQuery In just 24 lessons of one hour or less, you can learn how to create dynamic, interactive Web pages with the popular and ubiquitous JavaScript web programming language. Using a straightforward, step-by-step approach, each lesson in this book clearly and carefully
walks you through basic concepts and techniques, and helps you learn the essentials of JavaScript programming from the ground up. Learn how to... Use JavaScript to build dynamic, interactive Web pages Debug scripts Create scripts that work in all browsers Work with HTML5 and CSS3 Leverage the popular jQuery library Control CSS with simple JavaScripts Add Ajax effects to your web pages Script animations and music Step-by-step instructions carefully walk you through the most common JavaScript programming tasks Quizzes at end of every chapter help you build and test your knowledge Interactive online exercises let you practice what you learn at the Codecademy web site with no downloads or installation needed Sams Publishing has teamed up with Codecademy — the online place where anyone can learn and teach coding — to provide readers of Sams Teach Yorusef JavaScript in 24 Hours with an exclusive area on the Codecademy web site where you can supplement what you've learned in this book with some fun, fully interactive exercises and projects. After reading a lesson in the book you can roll up your sleeves and get some hands-on coding experience at codecademy.com/tracks/teachyourself

AngularJS Adam Freeman 2014-03-31 AngularJS is the leading framework for building dynamic JavaScript applications that take advantage of the capabilities of modern browsers and devices. AngularJS, which is maintained by Google, brings the power of the Model-View-Controller (MVC) pattern to the client, providing the foundation for complex and rich web apps. It allows you to build applications that are smaller, faster, and with a lighter resource footprint than ever before. Best-selling author Adam Freeman explains how to get the most from AngularJS. He begins by describing the MVC pattern and the many benefits that can be gained from separating your logic and presentation code. He then shows how you can use AngularJS’s features within in your projects to produce professional-quality results. Starting from the nuts-and-bolts and building up to the most advanced and sophisticated features AngularJS is carefully unwrapped, going in-depth to give you the knowledge you need. Each topic is covered clearly and concisely and is packed with the details you need to learn to be truly effective. The most important features are given a no-nonsense in-depth treatment and chapters include common problems and details of how to avoid them.

JavaScript Frameworks for Modern Web Dev Tim Ambler 2015-10-13 JavaScript Frameworks for Modern Web Dev is your guide to the wild, vast, and untamed frontier that is JavaScript development. The JavaScript tooling landscape has grown and matured drastically in the past several years. This book will serve as an introduction to both new and well established libraries, frameworks, and utilities that have gained popular traction and support from seasoned developers. It covers tools applicable to the entire development stack, both client- and server-side. While no single book can possibly cover every JavaScript library of value, JavaScript Frameworks for Modern Web Dev focuses on incredibly useful libraries and frameworks that production software uses. You will be treated to detailed analyses and sample code for tools that manage dependencies, structure code in a modular fashion, automate repetitive build tasks, create specialized servers, structure client side applications, facilitate horizontal scaling, and interacting with disparate data stores. The libraries and frameworks covered include Bower, Grunt, Yeoman, PM2, RequireJS, Browserify, Knockout, AngularJS, Kraken, Mach, Mongoose, Knex, Bookshelf, Faye, Q, Async.js, Underscore, and Lodash. Written from first-hand experience, you will benefit from the glorious victories and innumerable failures of two experienced professionals, gain quick insight into hurdles that aren't always explicitly mentioned in API documentation or Readmes, and quickly learn how to use JavaScript frameworks and libraries like a Pro. Enrich your development skills with JavaScript Frameworks for Modern Web Dev today.