

Chapter 7 Test Webs

This certification is for Sun Certified Programmers for Java 2 Platform who are using servlet and JavaServer Pages APIs to develop Web applications using the Java 2 Platform, Enterprise Edition. This book focuses on exactly what readers need to get certified now--featuring test-taking strategies, timesaving study tips, and a special Cram Sheet that includes tips, acronyms, and memory joggers that are not available anywhere else.

.NET Web Services Solutions offers just what its title states: practical solutions to the real challenges you face as you use .NET to create applications that communicate with web services and--more to the point--to build and deploy web services of your own. By the time you're done, you'll understand how the web services platform works, because chapter by chapter you get all the hands-on instruction, detailed examples, and inside advice you need to make your project succeed. For example, you'll learn to connect to a database using ADO.NET operations, carry out the exchange of binary files, and extend the reach of your web service so that it touches e-mail, fax machines, mobile devices, and remote PCs. You'll master techniques for making your web service available to other programs--but you'll also discover ways to control its availability through authentication and encryption. Kris Jamsa's expert coverage goes above and beyond, providing advanced optimization tips, including instructions for implementing asynchronous operations. He also shows you a neat trick for calling a web service from within an HTML page using JavaScript. Want an even neater trick? Check out the section on making money with your web service, where you'll find a billing model that will work for you. The final chapter brings it all together, walking you through a cohesive, highly functional example of an employment web service.

Build tomorrow's Web Services today in less time by applying the hottest new Internet tool, the Simple Object Access Protocol (SOAP). Your Adobe Creative Cloud package includes two components: 1) Online access to Adobe Creative Cloud updates on your CourseMate product, and 2) the CS6 edition of your Adobe book. CourseMate enriches your learning with thorough, chapter-by-chapter summaries of the new Adobe Creative Cloud release. Author-created video introductions cover each chapter's learning objectives, emphasizing their importance for the contemporary design professional. Flashcards, quizzes, and games are also included. Your printed book covers fundamental concepts, starting with the workspace and proceeding logically and intuitively to more advanced topics. Step-by-step tutorials and user-friendly design result in a resource that is comprehensive, clear, and effective. Contact your Learning Consultant to learn more about how CourseMate can enhance the way you teach and your students learn. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Web Testing with Cypress
 Adobe Dreamweaver Creative Cloud Revealed Update
 Application Development for IBM CICS Web Services
 Secure web applications using Burp Suite, Nmap, Metasploit, and more
 The Road Out of Debt + Website
 Writing for the Web
 Concepts, Designs, and Implementations

MICROSOFT VISUAL BASIC 2010: COMPLETE teaches students the essentials of computer programming using the latest Visual Basic programming language, Visual Basic 2010. Nine chapters and four appendices cover topics such as designing a Visual Basic user interface, creating a windows application, variables and arithmetic operations, mobile applications using decision structures, loop structures, Visual Studio tools for Office applications, and function procedures and exception handling. Written in a straight-forward style with the innovative Guided Program Development section in each chapter, this text makes it easy for any novice programmer to understand the core capabilities and fundamental skills and techniques for Visual Basic 2010. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Spring Web Flow is an exciting open-source framework for developing Java web applications. The framework improves productivity by addressing three major pain-points facing web application developers: user interface navigation control, state management, and modularity. The Definitive Guide to Spring Web Flow covers Spring Web Flow in detail by explaining its motivation and feature set, as well as providing practical guidance for using the framework to develop web applications successfully in a number of environments.

Web development is still one of today's most popular, active, and important programming and development activities. From a single web page to an e-commerce-enabled web site to a fully-fledged web application, the Java programming language and its frameworks allow you great flexibility and productivity for your web application development. Learn Java for Web Development teaches web developers who are new to Java key skills, Java-based languages, and frameworks to build simple or complex web sites and applications. As soon as you pick up this book, Vishal Layka's experience guides you on a very practical learning and building journey. You will learn the Java nuts and bolts necessary to build a simple "HelloWorld" Java (native) application, as well as a "HelloWorld" Java-based web application example that utilizes servlets and Java Server Pages (JSPs). Over the course of the book, you'll learn more about servlets and JSPs and delve into Java Server Faces (JSFs) and the expression language found in each of these by applying them in a real-world case study--a book store e-commerce application. Then you'll build your web application using Apache Struts2 and the Spring MVC framework. The book concludes by exploring the web application that you've built and examining industry best practices and how these might fit with your application, as well as covering alternative Java Web frameworks like Groovy/Grails and Scala/Play 2. You also can explore the basics of Java, Groovy, and Scala in the book's appendices. While reading this book, you'll see all this in action and you can use it as a starting point for further Java web development. Study and experiment with the many source code examples, and later apply them to your own web application building endeavors and 2:00 AM challenges.

While Writing for the Web, you'll learn everything you need to know to create effective Web content using words, pictures, and sound. Follow along as instructor and writer Lynda Felder combines easy-to-follow guidelines with photographs, lists, and tables to illustrate the key concepts behind writing nonlinear, interactive stories; creating succinct and clear copy; and working with images, motion graphics, and sound in your content. Many books offer instructions on how to use software programs to build Web sites, podcasts, and illustrations. But only Writing for the Web explains when and why an author might choose an illustration over a photograph, motion graphics over text, or a slice of Beethoven's Fifth over the sound of a bubbling brook. This hands-on writing guide works best for digital media; this book describes the essential skills and tools in a Web author's toolbox, including a thorough understanding of grammar and style, a critical eye for photography, and an ear for just the right sound byte for a podcast. This clearly written guide provides a fun and practical approach to Web writing that busy students and writers will be eager to learn and explore. Uses concise, straight-to-the-point style to illustrate techniques for writing sharp and focused Web copy, coupled with compelling visuals and sound Focuses on writing practices and guidelines, with exercises and prompts developed and tested by the author Features clear design, with plenty of pictures and visual elements, and a friendly and knowledgeable voice Take your learning even further with Lynda's companion book: The Web Writer's Toolkit: 365 prompts, collaborative exercises, games, and challenges for effective online content. For more tips, exercises, and suggestions for teachers, check out the book's Web site at www.write4web.com.

Bankruptcy and Other Solutions to Your Financial Problems
 Explore techniques for automated frontend web testing with Cypress and JavaScript
 Untangling the Web of Hate

Building HTML5 Applications: From Desktop to Mobile
 Learning the Basics of XenApp 5 Feature Pack 3 for Windows Server 2003 and XenServer 5. 6
 Sun Java 2 Enterprise Edition (J2EE) Web Component Developer Exam

Web-powered Databases
 Develop powerful, standards-based, back-end business logic with Beginning EJB 3, Java EE 7 Edition. Led by an author team with 20 years of combined Enterprise JavaBeans experience, you'll learn how to use the new EJB 3.2 APIs. You'll gain the knowledge and skills you'll need to create the complex enterprise applications that run today's transactions and more. Targeted at Java and Java EE developers, with and without prior EJB experience, Beginning EJB 3 is packed with practical insights, strategy tips, and code examples. As each chapter unfolds, you'll not only explore a new area of the spec; you'll also see how you can apply it to your own applications through specific examples. Beginning EJB 3 will serve not only as a reference, but it will also function as a how-to guide and repository of practical examples to which you can refer as you build your own applications. It will help you harness the power of EJBs and take your Java EE 7 development to the next level.

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 architects manage the growing number of HTML5 and JavaScript choices available. The book's sample apps are available at http://savesitchild.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 web design Create mobile versions with jQuery Mobile, Sencha Touch, and PhoneGap

If you've been using PHP for sometime now and would like to start using a web framework, you'll want to try CakePHP, which is an open source rapid development web framework built on PHP. PHP experts Kai Chan and John Omokore guide you through a variety of practical CakePHP applications. You will work on projects such as a video gallery, unit testing application, an e-commerce app, a blog site, and much more. Practical CakePHP Projects covers the key architectural concepts as well as including mini projects that you can use to enhance your own applications. A friendly introduction for any web programmer looking to choose a PHP framework Real-world projects based on current and future trends Practical CakePHP techniques that you can use right away

This book is aimed at developers and technical testers who are looking for a quick way to take their SoapUI skills and understanding to the next level. Even if you are new to SoapUI but have basic Java skills and a reasonable grasp of RESTful and Soap web services, then you should have no problem making use of this book.

Beginning Google Web Toolkit
 Integrated Approach to Web Performance Testing: A Practitioner's Guide
 Fundamentals to Practical Penetration Testing

Fraud and Fraud Detection, + Website
 Modern Java Web Development
 Run End-to-End tests, Integration tests, Unit tests across web apps, browsers and cross-platforms (English Edition)

Practical ASP.NET Web API
 Get up to speed quickly with this comprehensive guide to Spring Beginning Spring is the complete beginner's guide to Java's most popular framework. Written with an eye toward real-world enterprises, the book covers all aspects of application development within the Spring Framework. Extensive samples within each chapter allow developers to get up to speed quickly by providing concrete references for experimentation, building a skillset that drives successful application development by exploiting the full capabilities of Java's latest advances. Spring provides the exact toolset required to build an enterprise application, and has become the standard within the field.

This book covers Spring 4.0, which contains support for Java 8 and Java EE 7. Readers begin with the basics of the framework, then go on to master the most commonly used tools and fundamental concepts inherent in any Spring project. The book emphasizes practically and real-world application by addressing needs such as meeting customer demand and boosting productivity, and by providing actionable information that helps developers get the most out of the framework. Topics include: Dependency Injection and Inversion of Control Unit testing Spring enabled Web Applications Data Access using Spring JDBC and ORM support along with Transaction Management Building Web Applications and RESTful Web Services with Spring MVC Securing Web Applications using Spring Security Spring Expression Language with its Extensive Features Aspect Oriented Programming Facilities Provided by Spring AOP Caching with 3rd Party Cache Providers' Support The Best of the Breed: Spring 4.0 The information is organized and structured an ideal way for students and corporate training programs, and explanations about inner workings of the framework make it a handy desk reference even for experienced developers. For novices, Beginning Spring is invaluable as a comprehensive guide to the real-world functionality of Spring. Oracle Database Programming with Visual Basic.NET Discover a detailed treatment of the practical considerations and applications of Oracle database programming with Visual Basic 2010 Oracle Database Programming with Visual Basic.NET: Concepts, Designs, and Implementations delivers a comprehensive exploration of the foundations of Oracle database programming using Visual Basic.NET. Using Visual Basic.NET 2010, Visual Studio.NET 2010, and Oracle 18c XE, the book introduces the Oracle database development system, Oracle SQL Developer and Modeler, and teaches readers how to implement a sample database solution. The distinguished author also demonstrates the use of dotConnect for Oracle to show readers how to create an effective connection to an Oracle 18c XE database. The current versions of the .NET framework, ASP.NET, and ASP.NET 4.7 are also explored and used to offer readers the most up to date web database programming techniques available today. The book provides practical example projects and detailed, line-by-line descriptions throughout to assist readers in the development of their database programming skill. Students will also benefit from the inclusion of: A thorough introduction to databases, including definitions, examples, descriptions of keys and relationships, and some database components in popular databases, like Access, SQL, and Oracle An exploration of ADO.NET, including its architecture and components, like the DataReader class, DataSet component, DataTable component, and the command and parameter classes A discussion of Language Integrated Query (LINQ), including its architecture and components, its relationship to objects, DataSet, Oracle, and Entity An explanation of how to access data in ASP.NET and ASP.NET Web Services with multiple real project examples. Perfect for college and university students taking courses related to database programming and applications, Oracle Database Programming with Visual Basic.NET will also earn a place in the libraries of programmers and software engineers seeking a comprehensive reference for database coding in Visual Basic.NET.

Learn how to execute web application penetration testing end-to-end Key Features Build an end-to-end threat model landscape for web application security Learn both web application vulnerabilities and web intrusion testing Associate network vulnerabilities with a web application infrastructure Book Description Companies all over the world want to hire professionals dedicated to application security. Practical Web Penetration Testing focuses on this very trend, teaching you how to conduct application security testing using real-life scenarios. To start with, you'll set up an environment to perform web application penetration testing. You'll explore concepts such as threat modeling, intrusion test, intranet security threat, and more, in combination with advanced concepts such as Python scripting for automation. Once you are done learning the basics, you will discover end-to-end testing tools such as Metasploit, Burp Suite, and Kali Linux. Many companies deliver projects into production by using either, gile or Waterfall methodology. This book shows you how to assist any company with their SDLC approach and helps you on your journey to becoming an application security specialist. By the end of this book, you will have hands-on knowledge of using different tools for penetration testing. What you will learn Learn how to use Burp Suite effectively Use Nmap, Metasploit, and more tools for network infrastructure tests Practice using all web application hacking tools for intrusion tests using Kali Linux Learn how to analyze a web application using application threat modeling Know how to conduct web intrusion tests Understand how to execute network infrastructure tests Master automation of penetration testing functions for maximum efficiency using Python Who this book is for Practical Web Penetration Testing is for you if you are a security professional, penetration tester, or stakeholder who wants to execute penetration testing using the latest and most popular tools. Basic knowledge of ethical hacking would be an added advantage.

Pass the Pivotal Certified Professional exam for Core Spring, based on the latest Spring Framework 5, using source code examples, study summaries, and mock exams. This book now includes WebFlux, reactive programming, and more found in Spring 5. You'll find a descriptive overview of certification-related Spring modules and a single example application demonstrating the use of all required Spring modules. Furthermore, in Pivotal Certified Professional Core Spring 5 Developer Exam, Second Edition, each chapter contains a brief study summary and question set, and the book's free downloadable source code package includes one mock exam (50 questions -- like a real exam). After using this study guide, you will be ready to take and pass the Pivotal Certified Professional exam. When you become Pivotal Certified, you will have one of the most valuable credentials in Java. Pivotal certification helps you advance your skills and your career, and get the maximum benefit from Spring. Passing the exam demonstrates your understanding of Spring and validates your familiarity with: container-basics, aspect oriented programming (AOP), data access and transactions, Spring Security, Spring Boot, microservices, and Spring model-view-controller (MVC). Good luck! What You Will Learn Understand the core principles of Spring Framework 5 Use dependency injection Work with aspects in Spring and do AOP (aspect oriented programming) Control transactional behavior and work with SQL and NoSQL databases Create and secure web applications based on Spring MVC Get to know the format of the exam and the type of questions in it Create Spring microservices applications Who This Book Is For Spring developers who have taken the Pivotal Core Spring class are eligible to take the Pivotal Certified Professional exam.

A Study Guide Using Spring Framework 5
 International Conference on Computing Applications 2012 : Volume 05
 A Developer's Notebook
 Web Security Testing Cookbook
 Pivotal Certified Professional Core Spring 5 Developer Exam

The Web Collection Revealed Standard Edition: Adobe Dreamweaver CS6, Flash CS6 and Fireworks CS6
 Are Online "hate Sites" Deserving of First Amendment Protection?
 This IBM® Redbooks® publication focuses on developing Web service applications in IBM CICS®. It takes the broad view of developing and modernizing CICS applications for XML, Web services, SOAP, and SOA support, and lays out a reference architecture for developing these kinds of applications. We start by discussing Web services in general, then review how CICS implements Web services. We offer an overview of different development approaches: bottom-up, top-down, and meet-in-the-middle. We then look at how you would go about exposing a CICS application as a Web service provider, again looking at the different approaches. The book then steps through the process of creating a CICS Web service requester. We follow this by looking at CICS application aggregation (including 3270 applications) with IBM Rational® Application Developer for IBM System z® and how to implement CICS Web Services using CICS Cloud technology. The first part is concluded with hints and tips to help you when implementing this technology. Part two of this publication provides performance figures for a basic Web service. We investigate some common variables and examine their effects on the performance of CICS as both a requester and provider of Web services.

Detect fraud faster--no matter how well hidden--with IDEA automation Fraud and Fraud Detection takes an advanced approach to fraud management, providing step-by-step guidance on automating detection and forensics using CaseWare's IDEA software. The book begins by reviewing the major types of fraud, then details the specific computerized tests that can detect them. Readers will learn to use complex data analysis techniques, including automation scripts, allowing easier and more sensitive detection of anomalies that require further review. The companion website provides access to a demo version of IDEA, along with sample scripts that allow readers to immediately test the procedures from the book. Business systems' electronic databases have grown tremendously with the rise of big data, and will continue to increase at significant rates. Fraudulent transactions are easily hidden in these enormous datasets, but Fraud and Fraud Detection helps readers gain the data analytics skills that can bring these anomalies to light. Step-by-step instruction and practical advice provide the specific abilities that will enhance the audit and investigation process. Readers will learn to: Understand the different areas of fraud and their specific detection methods Identify anomalies and risk areas using computerized techniques Develop a step-by-step plan for detecting fraud through data analytics Utilize IDEA software to automate detection and identification procedures The delineation of detection techniques for each type of fraud makes this book a must-have for students and new fraud prevention professionals, and the step-by-step guidance to automate and complex analytics will prove useful for even experienced analysts. With attacks growing exponentially, increasing both the speed and sensitivity of detection helps fraud professionals stay ahead of the game. Fraud and Fraud Detection is a guide to more efficient, more effective fraud identification. Psychometric tests are used by the majority of medium to large-sized organizations to assess the abilities of clerical, technical, graduate and executive job candidates. There is also an increasing trend for universities to use them as part of their admissions procedure. This best-selling guide provides the perfect introduction to tests and test making. Now with more practice questions, it covers ability tests and personality questionnaires, giving you a detailed insight into the world of psychometrics. It will help you to understand the main types of test, increase your test making confidence, develop strategies and explore your work-style and personality. With guidance on testing on the internet and practice graduate and university admissions tests, as well as a leadership-style questionnaire, it is an essential read for those who want to stand out from other applicants.

Annotation The authoritative solution to passing the 310-080 exam! Alain Trottier is a well respected authority in the Java community. Training Guides are the most effective self-study guides in the marketplace, featuring exam tips, study strategies, review exercises, case studies, practice exams, ExamGear testing software, and more Each Training Guide is subjected to rigorous technical review by a team of industry experts, ensuring content is superior in both coverage and technical accuracy. This certification is for Sun Certified Programmers for Java 2 Platform who are using servlet and JavaServer Pages (JSP) APIs to develop Web applications using the Java 2 Platform, Enterprise Edition (J2EE). The certification consists of one exam and requires Sun Certified Programmer for Java 2 Platform status. Readers preparing for this exam find the Training Guide series to be the most successful self-study tool in the market. This book is their one-stop shop because of its teaching methodology, the accompanying ExamGear testing software, and superior Web site support at www.quepublishing.com/certification. Alain Trottier is a Sun Certified Java Programmer and a Microsoft Certified Solution Developer. He is the lead technologist at Strategic Business Resources and an adjunct Professor at Vanguard University. He has been using, reading, and writing computer language documentation for over a decade. He has co-authored or contributed to Sun Certification Training Guide (310-025, 310-027): Java 2 Programmer and Developer Exams(Que, 078972765X, 06/02) and Java 2 Core Language Little Black Book(Coriolis, 158880271X, 03/02).

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Practical ASP.NET Web API provides you with a hands-on and code-focused demonstration of the ASP.NET Web API in action. From the very beginning, you'll be writing working code in order to see best practices and concepts in action. As the book progresses, the concepts and code will become more sophisticated. Beginning with an overview model in general and Web API in particular, you'll progress quickly to a detailed exploration of the request binding and response formatting that lie at the heart of Web API. You'll investigate various scenarios and see how they can be manipulated to achieve the results you need. Later in the book more sophisticated themes will be introduced apart from the crowd. You'll learn how you can validate the request messages on arrival, how you can create loosely coupled controllers, extend the pipeline processing to compartmentalize your code for security and unit testing before being put onto a live hosting server. What you'll learn What ASP.NET Web API is and how it can be used to improve your code for readability and performance What controller dependencies are and why they matter How to maintain robust security across your projects Reliable best-practices for using Web API in a professional context Who this book is for The book is ideal for any .NET developer who wants to learn how the ASP.NET Web API framework works good working knowledge of C# and the .NET framework and a familiarity with Visual Studio are the only pre-requisites to benefit from this book Table of Contents Building a Basic: Web API Debugging HTTP Formatting CLR Objects into HTTP Response Customizing Response Binding HTTP Request into CLR Objects Validating Request Managing Dependencies Extending Pipeline Hosting ASP.NET Web API Securing ASP.NET Web API Consuming ASP.NET Web API Building Performant Web API

A project-based, practical guide to get hands-on into Vue.js 2.5 development by building beautiful, functional and performant web applications About This Book Exciting real world web projects from scratch and become proficient with Vue.js Web Development Take your app to the next level with animation, routing, state management 118n Learn professional web programming techniques to supercharge your Vue.js projects Who This Book Is For If you are a web developer who now wants to create rich and interactive professional applications using Vue.js, then this book is for you. Prior knowledge of JavaScript is assumed. Familiarity with HTML, Node.js, and tools such as helpful but not necessary. What You Will Learn Set up a full Vue.js npm project with the webpack build tool and the official scaffolding tool, vue-cli Write automatically updated templates with directives to create a dynamic web application Structure the app with reusable and maintainable components Create delightful user experiences with preprocessor to make larger professional applications Create a multi-page application with the official Vue.js routing library Integrate non-Vue.js elements into your apps like Google Maps Use the official state-management library to prevent errors Optimize your app for SEO and performance with server-side rendering and internationalization make your web application amazingly responsive? Are you unhappy with your app's performance and looking forward to trying out ways to make your app more powerful? Then Vue.js, a framework for building user interfaces, is a great choice, and this book is the ideal way to put it through its paces. The book's project-based approach will help you understand and gain valuable insights in Vue.js 2.5. You'll start by learning the basics of Vue.js and create your first web app using directives along with rich and attractive user experiences. You will learn about animations and interactivity by creating a browser-based game. Using the available tools and preprocessor, you will apps with plugins. You will create highly efficient and performant functional components for your app. Next, you will create your own online store and optimize it. Finally, you will integrate Vue.js with the real-time Meteor library and create a dashboard showing real-time data. By the end of this book you will have enough skills and will have examples of real Vue.js projects to create interactive professional web applications with Vue.js 2.5. Style and approach Project-based guide that will help you start building applications immediately with an easy to follow approach. Our book will have 6 concrete projects. It will take readers through clear and logical steps, with screenshots and code examples. You'll get an insight into how you can use Spring Expression Language in your applications to make them easier to manage and maintain. In the second module, you'll learn everything you need to build modern Spring-based enterprise web applications. From practical development techniques and useful tools from the wider Spring ecosystem, to the new JEE standards, the impact of JavaScript, and even the Internet of things, you'll feel confident that you can deploy Spring for an impressive range of creative purposes. In the final module, you'll find out how to take advantage of Spring MVC's advanced features -- essential if you are to properly master the framework. To do this you'll investigate the inner mechanics of Spring MVC, and how they tie into to the broader principles that inform many modern web architectures. With further guidance on how to test, secure, and optimize your application, as well as designing RESTful services, you'll very quickly be ready to use Spring in your next web project. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: Spring Essentials by Shameer Kunjumohamed, Hamidreza Sattari Spring MVC Cookbook by Alex Bretet Mastering Spring MVC 4 by Geoffrey Warin Style and approach This is a hands-on, practical guide based on logical modules of the whole Spring framework family, employing a combination of theory and examples with pro-level practices, techniques, and solutions.

Is there any sexier topic in software development than software testing? That is, besides game programming, 3D graphics, audio, high-performance clustering, cool websites, et cetera? Okay, so software testing is low on the list. And that's unfortunate, because good software testing can

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Practical ASP.NET Web API provides you with a hands-on and code-focused demonstration of the ASP.NET Web API in action. From the very beginning, you'll be writing working code in order to see best practices and concepts in action. As the book progresses, the concepts and code will become more sophisticated. Beginning with an overview model in general and Web API in particular, you'll progress quickly to a detailed exploration of the request binding and response formatting that lie at the heart of Web API. You'll investigate various scenarios and see how they can be manipulated to achieve the results you need. Later in the book more sophisticated themes will be introduced apart from the crowd. You'll learn how you can validate the request messages on arrival, how you can create loosely coupled controllers, extend the pipeline processing to compartmentalize your code for security and unit testing before being put onto a live hosting server. What you'll learn What ASP.NET Web API is and how it can be used to improve your code for readability and performance What controller dependencies are and why they matter How to maintain robust security across your projects Reliable best-practices for using Web API in a professional context Who this book is for The book is ideal for any .NET developer who wants to learn how the ASP.NET Web API framework works good working knowledge of C# and the .NET framework and a familiarity with Visual Studio are the only pre-requisites to benefit from this book Table of Contents Building a Basic: Web API Debugging HTTP Formatting CLR Objects into HTTP Response Customizing Response Binding HTTP Request into CLR Objects Validating Request Managing Dependencies Extending Pipeline Hosting ASP.NET Web API Securing ASP.NET Web API Consuming ASP.NET Web API Building Performant Web API

A project-based, practical guide to get hands-on into Vue.js 2.5 development by building beautiful, functional and performant web applications About This Book Exciting real world web projects from scratch and become proficient with Vue.js Web Development Take your app to the next level with animation, routing, state management 118n Learn professional web programming techniques to supercharge your Vue.js projects Who This Book Is For If you are a web developer who now wants to create rich and interactive professional applications using Vue.js, then this book is for you. Prior knowledge of JavaScript is assumed. Familiarity with HTML, Node.js, and tools such as helpful but not necessary. What You Will Learn Set up a full Vue.js npm project with the webpack build tool and the official scaffolding tool, vue-cli Write automatically updated templates with directives to create a dynamic web application Structure the app with reusable and maintainable components Create delightful user experiences with preprocessor to make larger professional applications Create a multi-page application with the official Vue.js routing library Integrate non-Vue.js elements into your apps like Google Maps Use the official state-management library to prevent errors Optimize your app for SEO and performance with server-side rendering and internationalization make your web application amazingly responsive? Are you unhappy with your app's performance and looking forward to trying out ways to make your app more powerful? Then Vue.js, a framework for building user interfaces, is a great choice, and this book is the ideal way to put it through its paces. The book's project-based approach will help you understand and gain valuable insights in Vue.js 2.5. You'll start by learning the basics of Vue.js and create your first web app using directives along with rich and attractive user experiences. You will learn about animations and interactivity by creating a browser-based game. Using the available tools and preprocessor, you will apps with plugins. You will create highly efficient and performant functional components for your app. Next, you will create your own online store and optimize it. Finally, you will integrate Vue.js with the real-time Meteor library and create a dashboard showing real-time data. By the end of this book you will have enough skills and will have examples of real Vue.js projects to create interactive professional web applications with Vue.js 2.5. Style and approach Project-based guide that will help you start building applications immediately with an easy to follow approach. Our book will have 6 concrete projects. It will take readers through clear and logical steps, with screenshots and code examples. You'll get an insight into how you can use Spring Expression Language in your applications to make them easier to manage and maintain. In the second module, you'll learn everything you need to build modern Spring-based enterprise web applications. From practical development techniques and useful tools from the wider Spring ecosystem, to the new JEE standards, the impact of JavaScript, and even the Internet of things, you'll feel confident that you can deploy Spring for an impressive range of creative purposes. In the final module, you'll find out how to take advantage of Spring MVC's advanced features -- essential if you are to properly master the framework. To do this you'll investigate the inner mechanics of Spring MVC, and how they tie into to the broader principles that inform many modern web architectures. With further guidance on how to test, secure, and optimize your application, as well as designing RESTful services, you'll very quickly be ready to use Spring in your next web project. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: Spring Essentials by Shameer Kunjumohamed, Hamidreza Sattari Spring MVC Cookbook by Alex Bretet Mastering Spring MVC 4 by Geoffrey Warin Style and approach This is a hands-on, practical guide based on logical modules of the whole Spring framework family, employing a combination of theory and examples with pro-level practices, techniques, and solutions.

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increase your productivity, improve your designs, raise your quality, ease your maintenance burdens, and help to satisfy your customers, coworkers, and managers. Perl has a strong history of automated tests. A very early release of Perl 1.0 included a comprehensive test suite, and it's only improved from there. Learning how Perl's test tools work and how to put them together to solve all sorts of previously intractable problems can make you a better programmer in general. Besides, it's easy to use the Perl tools described to handle all sorts of testing problems that you may encounter, even in other languages. Like all titles in O'Reilly's Developer's Notebook series, this "all lab, no lecture" book skips the boring prose and focuses instead on a series of exercises that speak to you instead of at you. Perl Testing: A Developer's Notebook will help you dive right in and: Write basic Perl tests with ease and interpret the results Apply special techniques and modules to improve your tests Bundle test suites along with projects Test databases and their data Test websites and web projects Use the "Test Anything Protocol" which tests projects written in languages other than Perl With today's increased workloads and short development cycles, unit tests are more vital to building robust, high-quality software than ever before. Once mastered, these lessons will help you ensure low-level code correctness, reduce software development cycle time, and ease maintenance burdens. You don't have to be a die-hard free and open source software developer who lives, breathes, and dreams Perl to use this book. You just have to want to do your job a little bit better.

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Enterprise Web Development

Creating Compelling Web Content Using Words, Pictures, and Sound
Learn Java for Web Development

This invaluable, all-in-one guide provides a thorough introduction to web design and development with Adobe Dreamweaver CS6, Adobe Flash CS6, and Adobe FireworksCS6. In addition to detailed information on the current interface, features, and functionality of each program, the book includes step-by-step tutorials and hands-on projects to help you master industry-leading software while honing practical skills with real-world relevance. The book concludes with a chapter devoted to integration of all three applications to create a dynamic website incorporating Flash and Fireworks elements. In addition to accurate, up-to-date content, the book features full-color illustrations and an appealing, user-friendly presentation style to facilitate learning and make even complex material easier to master. The Data Files used to complete the projects found in the book are now available online. For access information please refer to the directions available in the preface of the book. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The open source, lightweight Google Web Toolkit (GWT) is a framework that allows Java developers to build rich Internet applications (RIAs), more recently called Ajax applications, in Java. Typically, writing these applications requires a lot of JavaScript development. However, Java and JavaScript are very distinctively different languages (although the name suggests otherwise), therefore requiring a different development process. In Beginning Google Web Toolkit: From Novice to Professional, you'll learn to build rich, user-friendly web applications using a popular Java-based Ajax web framework, the Google Web Toolkit. The authors will guide you through the complete development of a GWT front-end application with a no-nonsense, down-to-earth approach. You'll start with the first steps of working with GWT and learn to understand the concepts and consequences of building this kind of application. During the course of the book, all the key aspects of GWT are tackled pragmatically, as you're using them to build a real-world sample application. Unlike many other books, the inner workings of GWT and other unnecessary details are shelved, so you can focus on the stuff that really matters when developing GWT applications.

How to Master Psychometric TestsExpert Advice on Test Preparation with Practice Questions from Leading Test ProvidersKogan Page Publishers

A practical guide to getting out of debt and understanding the option of personal bankruptcy The current credit and financial crises have prompted Joan Feeney, a preminent Massachusetts Bankruptcy Judge, and Theodore Connolly, a Finance and Bankruptcy Attorney, to write a book that will help people handle their financial troubles. The Road Out of Debt seeks to assist those considering bankruptcy by demystifying the bankruptcy process and explaining what you can expect to gain (or lose) from it. With the insights of both a bankruptcy judge and a bankruptcy lawyer, you'll be able to determine when it's best to avoid bankruptcy, when you should seek bankruptcy protection, and, most importantly, how best to work through the bankruptcy process, if you so choose. With millions of Americans personally facing dire financial situations, job losses, home foreclosures, and other major financial challenges, no book could be more timely. An exceptional resource for anyone contemplating bankruptcy or otherwise trying to figure out how to handle their debt Puts the bankruptcy process in perspective and reveals specific steps to follow Discusses how to decide whether or not bankruptcy is the right path for you Written by a well-respected bankruptcy judge and bankruptcy attorney As more people find themselves entering financial difficulties, an increasing number of them will need information to help them through these problems. The Road Out of Debt provides you with the serious solutions needed to overcome a personal financial crisis.

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