

Java 7 Recipes A Problem Solution Approach

Quickly find solutions to common web development problems. Content is presented in the popular problem-solution format. Look up the problem that you want to solve. Read the solution. Apply the solution directly in your own code. Problem solved!

ASP.NET Core Recipes is a practical guide for developers creating modern web applications, cutting through the complexities of ASP.NET, jQuery, React, and HTML5 to provide straightforward solutions to common web development problems using proven methods based on best practices. The problem-solution approach gets you in, out, and back to work quickly while deepening your understanding of the underlying platform and how to develop with it. Author John Ciliberti guides you through the MVC framework and development tools, presenting typical challenges, along with code solutions and clear, concise explanations, to accelerate application development. Solve problems immediately by pasting in code from the recipes, or put multiple recipe solutions together to overcome challenging development obstacles.

What You'll Learn

- Take advantage of MVC's streamlined syntax
- Discover how to take full control over HTML
- Develop a simple API for creating RESTful web services
- Understand test-driven development
- Migrate a project from ASP.NET web forms to Core MVC, including recipes for converting DataGrids, Forms, Web Parts, Master Pages, and navigation controls
- Use Core MVC in combination with popular JavaScript libraries, including jQuery, React, Bootstrap, and more
- Write unit tests for your MVC controllers, views, custom filters, and HTML helpers
- Utilize the latest features in Visual Studio 2017 to accelerate your Core MVC projects
- Identify performance bottlenecks in your MVC application

Who This Book Is For

Web developers of all skill levels who are looking for a programming reference for ASP.NET Core MVC and would like to gain an understanding of the inner workings of the platform. In addition, parts of this book provide guidance to developers familiar with ASP.NET Web Forms who would like to update their skill set to include Core MVC.

"Java 7 Concurrency Cookbook" is a practical Cookbook packed with real-world solutions. Intermediate–advanced level Java developers will learn from task-based recipes to use Java's concurrent API to program thread safe solutions. If you are a Java developer who wants to take your knowledge of concurrent programming and multithreading further, as well as discover the new concurrency features of Java 7, then "Java 7 Concurrency Cookbook" is for you. You should already be comfortable with general Java development practices and a basic grasp of threads would be an advantage.

The introduction of functional programming concepts in Java SE 8 was a drastic change for this venerable object-oriented language. Lambda expressions, method references, and streams fundamentally changed the idioms of the language, and many developers have been trying to catch up ever since. This cookbook will help. With more than 70 detailed recipes, author Ken Kousen shows you how to use the newest features of Java to solve a wide range of

problems. For developers comfortable with previous Java versions, this guide covers nearly all of Java SE 8, and includes a chapter focused on changes coming in Java 9. Need to understand how functional idioms will change the way you write code? This cookbook—chock full of use cases—is for you. Recipes cover: The basics of lambda expressions and method references Interfaces in the `java.util.function` package Stream operations for transforming and filtering data Comparators and Collectors for sorting and converting streaming data Combining lambdas, method references, and streams Creating instances and extract values from Java's Optional type New I/O capabilities that support functional streams The Date-Time API that replaces the legacy Date and Calendar classes Mechanisms for experimenting with concurrency and parallelism

Make your own personalized cookbook! Organize your most cherished and memorable recipes in this easy-to-fill recipe journal. Keep all your favorite recipes in this stylish blank cookbook organizer which include: A recipe index to easily find your recipe page and each recipe's category such as appetizers, breakfast, lunch, main entrees, soups, and salads, sides and condiments, desserts, and drinks. 120 recipe pages to write your favorite with an easy to use format that include lots of space to jot down the ingredients, the directions, the serving size, the preparation time, the cooking time and the oven temperature. You can even rate your recipe to know how good it was. Space to write down where you got the recipe from and space to jot down some notes at the end of each recipe. You'll also find at the end of the journal an appendix with measurement equivalents, practical ingredient substitution suggestions, and more. Measures 8 inches wide by 10 inches high. This blank recipe journal is ideal to conceive and share your best family recipes and makes a wonderful gift for friends and family for any occasion. Start your own custom cookbook today! Scroll back up and order your copy now!

Easy Dog Biscuit Recipes: Learn How To Make Dog Biscuits With Our Homemade Dog Treat Recipes And Save Loads Of Money. This book is filled with loads of recipes that will save you money compared to buying them at the store. For example the sweet potato treats are simply going to be the cost of a sweet potato and the time it takes to make them, which isn't very long. No more will you have to go to the store and buy bags of dog treats, instead you can make them yourself. Taking out all the preservatives, additives, or whatever allergy your dog has. Learn how to make peanut butter dog treats, liver biscuits, easy sweet potato treats, and 20 more. You can make them organic by simply substituting organic bought in place. Instead of wheat flour in some which some dogs are allergic too you can substitute brown rice flour. I tired to make it easy so that some ingredients would be easily interchangeable for whatever dog allergy you dog has.

This book guides you through the new features and enhancements in each of the technologies comprising the Java EE

platform. It appeals to a large base of Java EE 6 programmers who are highly motivated to migrate to the newly-released, Java EE 7 platform.

Solve all your Spring 5 problems using complete and real-world code examples. When you start a new project, you'll be able to copy the code and configuration files from this book, and then modify them for your needs. This can save you a great deal of work over creating a project from scratch. The recipes in Spring 5 Recipes cover Spring fundamentals such as Spring IoC container, Spring AOP/ AspectJ, and more. Other recipes include Spring enterprise solutions for topics such as Spring Java EE integration, Spring Integration, Spring Batch, Spring Remoting, messaging, transactions, and working with big data and the cloud using Hadoop and MongoDB. Finally, Spring web recipes cover Spring MVC, other dynamic scripting, integration with the popular Grails Framework (and Groovy), REST/web services, and more. You'll also see recipes on new topics such as Spring Framework 5, reactive Spring, Spring 5 microservices, the functional web framework and much more. This book builds upon the best-selling success of the previous editions and focuses on the latest Spring Framework features for building enterprise Java applications. What You'll Learn Get re-usable code recipes and snippets for core Spring, annotations and other development tools Access Spring MVC for web development Work with Spring REST and microservices for web services development and integration into your enterprise Java applications Use Spring Batch, NoSQL and big data for building and integrating various cloud computing services and resources Integrate Java Enterprise Edition and other Java APIs for use in Spring Use Grails code and much more Who This Book Is For Experienced Java and Spring programmers.

Solve all your Spring Boot 2 problems using complete and real-world code examples. When you start a new project, you'll be able to copy the code and configuration files from this book, and then modify them for your needs. This can save you a great deal of work over creating a project from scratch. Using a problem-solution approach, Spring Boot 2 Recipes quickly introduces you to Pivotal's Spring Boot 2 micro-framework, then dives into code snippets on how to apply and integrate Spring Boot 2 with the Spring MVC web framework, Spring Web Sockets, and microservices. You'll also get solutions to common problems with persistence, integrating Spring Boot with batch processing, algorithmic programming via Spring Batch, and much more. Other recipes cover topics such as using and integrating Boot with Spring's enterprise services, Spring Integration, testing, monitoring and more. What You'll Learn Get reusable code recipes and snippets for the Spring Boot 2 micro-framework Discover how Spring Boot 2 integrates with other Spring APIs, tools, and frameworks Access Spring MVC and the new Spring Web Sockets for simpler web development Work with microservices for web services development and integration with your Spring Boot applications Add persistence and a data tier seamlessly to make your Spring Boot web application do more Integrate enterprise services to create a more complex Java application

using Spring Boot Who This Book Is For Experienced Java and Spring programmers.

Beginning Java 7 guides you through version 7 of the Java language and a wide assortment of platform APIs. New Java 7 language features that are discussed include switch-on-string and try-with-resources. APIs that are discussed include Threading, the Collections Framework, the Concurrency Utilities, Swing, Java 2D, networking, JDBC, SAX, DOM, StAX, XPath, JAX-WS, and SAAJ. This book also presents an introduction to Android app development so that you can apply some of its knowledge to the exciting world of Android app development. This book presents the following table of contents: Chapter 1 introduces you to Java and begins to cover the Java language by focusing on fundamental concepts such as comments, identifiers, variables, expressions, and statements. Chapter 2 continues to explore this language by presenting all of its features for working with classes and objects. You learn about features related to class declaration and object creation, encapsulation, information hiding, inheritance, polymorphism, interfaces, and garbage collection. Chapter 3 focuses on the more advanced language features related to nested classes, packages, static imports, exceptions, assertions, annotations, generics, and enums. Additional chapters introduce you to the few features not covered in Chapters 1 through 3. Chapter 4 largely moves away from covering language features (although it does introduce class literals and strictfp) while focusing on language-oriented APIs. You learn about Math, StrictMath, Package, Primitive Type Wrapper Classes, Reference, Reflection, String, StringBuffer and StringBuilder, Threading, BigDecimal, and BigInteger in this chapter. Chapter 5 begins to explore Java's utility APIs by focusing largely on the Collections Framework. However, it also discusses legacy collection-oriented APIs and how to create your own collections. Chapter 6 continues to focus on utility APIs by presenting the concurrency utilities along with the Objects and Random classes. Chapter 7 moves you away from the command-line user interfaces that appear in previous chapters and toward graphical user interfaces. You first learn about the Abstract Window Toolkit foundation, and then explore the Java Foundation Classes in terms of Swing and Java 2D. Appendix C explores Accessibility and Drag and Drop. Chapter 8 explores filesystem-oriented I/O in terms of the File, RandomAccessFile, stream, and writer/reader classes. Chapter 9 introduces you to Java's network APIs (e.g., sockets). It also introduces you to the JDBC API for interacting with databases along with the Java DB database product. Chapter 10 dives into Java's XML support by first presenting an introduction to XML (including DTDs and schemas). It next explores the SAX, DOM, StAX, XPath, and XSLT APIs. It even briefly touches on the Validation API. While exploring XPath, you encounter namespace contexts, extension functions and function resolvers, and variables and variable resolvers. Chapter 11 introduces you to Java's support for SOAP-based and RESTful web services. As well as providing you with the basics of these web service categories, Chapter 11 presents some advanced topics, such as working with the SAAJ API to communicate with a SOAP-based

web service without having to rely on JAX-WS. You will appreciate having learned about XML in Chapter 10 before diving into this chapter. Chapter 12 helps you put to use some of the knowledge you've gathered in previous chapters by showing you how to use Java to write an Android app's source code. This chapter introduces you to Android, discusses its architecture, shows you how to install necessary tools, and develops a simple app. Appendix A presents the solutions to the programming exercises that appear near the end of Chapters 1 through 12. Appendix B introduces you to Java's Scripting API along with Java 7's support for dynamically typed languages. Appendix C introduces you to additional APIs and architecture topics. Examples include Accessibility, classloaders, Console, Drag and Drop, Java Native Interface, and System Tray. Appendix D presents a gallery of significant applications that demonstrate various aspects of Java. Unfortunately, there are limits to how much knowledge can be crammed into a print book. For this reason, Appendixes A, B, C, and D are not included in this book's pages. Instead, these appendixes are freely distributed as PDF files.

Appendixes A and B are bundled with the book's associated code file at the Apress website

(<http://www.apress.com/9781430239093>). Appendixes C and D are bundled with their respective code files at my TutorTutor.ca website (<http://tutortutor.ca/cgi-bin/makepage.cgi?/books/bj7>).

Oracle PL/SQL Recipes is your go to book for PL/SQL programming solutions. It takes a task-oriented approach to PL/SQL programming that lets you quickly look up a specific task and see the pattern for a solution. Then it's as simple as modifying the pattern for your specific application and implementing it. And you're done and home for dinner. Oracle PL/SQL Recipes is another in Apress' ongoing series of recipe books aimed at Oracle practitioners. The recipe format is ideal for the busy professional who just needs to get the job done. Covers the most common PL/SQL programming problems Presents solutions in ready-to-use format Stays short and to-the-point

Take a problem-solution approach to programming enterprise Java applications and microservices for cloud-based solutions, enterprise database applications, and even small business web applications. This book provides effective and proven code snippets that you can immediately use to accomplish just about any task that you may encounter. You can feel confident using the reliable solutions that are demonstrated in this book in your personal or corporate environment.

Java EE was made open source under the Eclipse Foundation, and Jakarta EE is the new name for what used to be termed the Java Enterprise Edition Platform. This book helps you rejuvenate your Java expertise and put the platform's latest capabilities to use in quickly developing robust applications. If you are new to Jakarta EE, this book will help you learn features of the platform, and benefit from one of the most widely used and powerful technologies available for application development today. Examples in Jakarta EE Recipes highlight Jakarta EE's capabilities, helping you to build streamlined and reliable applications using the latest in Java technologies. The book takes a problem-solution approach

in which each section introduces a common programming problem, showing you how to best solve that problem using the latest features in Jakarta EE. Solutions are presented in the form of working code examples that you can download and use immediately in your own projects. Clear descriptions are given so you can understand and learn to build further on the solutions that are provided. This is the ideal book for the code-focused programmer interested in keeping up with the future of enterprise development on the Java Platform. What You Will Learn Develop enterprise Java applications using the now open source Jakarta EE platform Create great-looking user interfaces using Jakarta Server Faces and the Eclipse Krazo framework Build database applications using Jakarta Enterprise Beans and Jakarta RESTful web services Automate testing through cohesive test suites built on Arquillian for Jakarta EE applications Deploy microservices applications in cloud environments using Docker Secure applications utilizing the Jakarta EE Security API and JSON Web Tokens Who This Book Is For Java developers interested in quickly finding effective and proven solutions without reading through a lengthy manual and scrubbing for techniques

Android continues to be one of the leading mobile OS and development platforms driving today's mobile innovations and the apps ecosystem. Android appears complex, but offers a variety of organized development kits to those coming into Android with differing programming language skill sets. *Android Recipes: A Problem-Solution Approach* guides you step-by-step through a wide range of useful topics using complete and real-world working code examples. In this book, you'll start off with a recap of Android architecture and app fundamentals, and then get down to business and build an app with Google's Android SDK at the command line and Eclipse. Next, you'll learn how to accomplish practical tasks pertaining to the user interface, communications with the cloud, device hardware, data persistence, communications between applications, and interacting with Android itself. Finally, you'll learn how to leverage various libraries and Scripting Layer for Android (SL4A) to help you perform tasks more quickly, how to use the Android NDK to boost app performance, and how to design apps for performance, responsiveness, seamlessness, and more. Instead of abstract descriptions of complex concepts, in *Android Recipes*, you'll find live code examples. When you start a new project, you can consider copying and pasting the code and configuration files from this book, then modifying them for your own customization needs. This can save you a great deal of work over creating a project from scratch!

Java 7 Programming for Absolute Beginners introduces the new core, open source Java Development Kit. Its focus is on practical knowledge and its completeness—it provides all the bits and pieces an utter novice needs to get started programming in Java. It seems as if everyone is writing applications or apps these days for Android, BlackBerry, and the enterprise—it's where the money's at. But, how do they do it? Well, it's best to start by learning Java, one of the most popular programming languages around these days, still. Yes, that's right. This book: Teaches Java development in

language anyone can understand, giving you the best possible start Provides simple, step-by-step examples that make learning easy, allowing you to pick up the concepts without fuss Offers clear code descriptions and layout so that you can get your code running as soon as possible

Java 8 Recipes offers solutions to common programming problems encountered while developing Java-based applications. Fully updated with the newest features and techniques available, Java 8 Recipes provides code examples involving Lambdas, embedded scripting with Nashorn, the new date-time API, stream support, functional interfaces, and much more. Especial emphasis is given to features such as lambdas that are newly introduced in Java 8. Content is presented in the popular problem-solution format: Look up the programming problem that you want to solve. Read the solution. Apply the solution directly in your own code. Problem solved! The problem-solution approach sets Java 8 Recipes apart. Java 8 Recipes is focused less on the language itself and more on what you can do with it that is useful. The book respects your time by always focusing on a task that you might want to perform using the language. Solutions come first. Explanations come later. You are free to crib from the book and apply the code examples directly to your own projects. Covers the newly-released Java 8, including a brand new chapter on lambdas Focuses especially on up-and-coming technologies such as Project Nashorn and Java FX 2.0 Respects your time by focusing on practical solutions you can implement in your own code

Find solutions to problems and answers to questions you are likely to encounter when writing real-world applications in Common Lisp. This book covers areas as diverse as web programming, databases, graphical user interfaces, integration with other programming languages, multi-threading, and mobile devices as well as debugging techniques and optimization, to name just a few. Written by an author who has used Common Lisp in many successful commercial projects over more than a decade, Common Lisp Recipes is also the first Common Lisp book to tackle such advanced topics as environment access, logical pathnames, Gray streams, delivery of executables, pretty printing, self expansions, or changing the syntax of Common Lisp. The book is organized around specific problems or questions each followed by ready-to-use example solutions and clear explanations of the concepts involved, plus pointers to alternatives and more information. Each recipe can be read independently of the others and thus the book will earn a special place on your bookshelf as a reference work you always want to have within reach. Common Lisp Recipes is aimed at programmers who are already familiar with Common Lisp to a certain extent but do not yet have the experience you typically only get from years of hacking in a specific computer language. It is written in a style that mixes hands-on no-frills pragmatism with precise information and prudent mentorship. If you feel attracted to Common Lisp's mix of breathtaking features and down-to-earth utilitarianism, you'll also like this book.

Get best selling author Maria Holmes' 30 favorite vegetarian slow cooker recipes! Vegetarian Slow Cooker Recipe Book: 30 Easy Set It & Forget It Meals is the first book written by Maria Holmes, a home cook with a passion for preparing simple and delicious meals for her family and friends. Over the past few months, Maria's family has been trying to convince her to share her love for, and knowledge of, cooking. After much persuasion, Maria decided to write her first cookbook. This brand new best selling vegetarian slow cooker recipe book is a compilation of 30 delicious, healthy and easy to prepare meat-free crockpot meals. Each of these recipes have been prepared by Ms. Holmes herself and tested on not only her family, but countless food connoisseurs who gave these meals two thumbs up for pleasant flavors, fragrant aromas, great textures and amazing colors. The book has a great introduction to vegetarian slow cooking and the recipes are divided into six chapters. In the introduction, readers will learn the benefits of slow cooking and the keys to preparing successful slow-cooker meals. You will also discover useful guidelines to help you adapt your favorite slow cooker recipes to meet your own individual tastes. Other useful advice includes how to choose the perfect slow cooker recipes and how to add the ingredients into the slow cooker to ensure that your recipes come out picture-perfect and delicious every time. The last part of the introduction includes clear, step-by-step instructions and helpful tips for cooking dried beans in a slow cooker. But Chapter 1 through Chapter 6 is where you will find all the delectably tasty and healthy vegetarian slow cooker recipes. Even if you are not a vegetarian, you will find that these delicious recipes can please everyone's palates. So, here is the list of those vegetarian slow cooker recipes that are waiting for you to enjoy: - Chapter 1: Soups - Chapter 2: Beans - Chapter 3: Chilies - Chapter 4: Potatoes - Chapter 5: Rices - Chapter 6: Desserts In conclusion, Vegetarian Slow Cooker Recipe Book: 30 Easy Set it & Forget It Meals by Maria Holmes is the ultimate choice for anyone who wishes to prepare easy set it and forget vegetarian slow cooker meals.

**** Over 30 Healthy & Delicious Recipes **** For years, parents have been right: Eating your broccoli is a good idea. This hearty, tasty vegetable is rich in dozens of nutrients. In fact, it packs the most nutritional punch of any vegetable. We have gathered the most sought after and best selling broccoli recipes. Enjoy! - Did You Know - Broccoli contains sulforaphane, an isothiocyanate and powerful anticancer substance. Broccoli contains fiber, flavonoids, indoles, vitamins and minerals that may also play a role in disease prevention. Broccoli is low in calories, fat free and contains no cholesterol. Broccoli provides two antioxidants that are important for eye health. Take a peak at a few of the recipes you can find inside! Broccoli Casserole Broccoli Polonaise Broccoli Lasagna Broccoli Bread Broccoli Quiche Broccoli Coleslaw Introduce Broccoli into your diet today! Scroll Up & Grab Your Copy NOW!

“There’s something for everyone here. . . . You can pick up and read this book and build an industry-standard system in a weekend: It has everything you need to get started with a new project. I also found it helpful in reviewing the structure

of existing projects.” —Timothy Pratley, developer Developers are discovering the exceptional power of Clojure’s functional programming model to quickly solve problems in domains ranging from social networking to Big Data. Clojure is fast and efficient—ideal for rapid prototyping and lean development. And it is highly expressive and extremely extensible, which makes Clojure one of today’s leading tools for software innovation. Since it targets the Java Virtual Machine, Clojure also leverages the Java platform’s maturity and enormous ecosystem. Clojure Recipes is a wide-ranging, up-to-date “code recipe book” for this increasingly popular language. With practical and self-contained examples, author Julian Gamble illuminates Clojure’s key features and best practices, showing how to solve real-world problems one step at a time. Focusing on Clojure 1.7 and higher, Gamble fully reflects recent enhancements that ensure you’re getting the most up-to-date code for your project. Gamble first walks you through the essential steps required to set up your Clojure development environment, from setting up the Leiningen build tool to packaging Clojure for Java EE environments. He then shows you how to build both basic and advanced REST servers, before turning to a wide range of increasingly sophisticated applications. In this book you will find Innovative Clojure code for diverse web, security, administration, and development tasks, from log reading and app monitoring to software testing Detailed instructions for using concurrency primitives, writing new DSLs, simplifying cloud database development, and more “Learn by doing” projects, which offer practical experience with Clojurescript, Storm, Pedestal, Datomic, and other advanced tools Coverage of using Clojure with Cascalog 2.0 to write complex Hadoop queries with minimal code The breadth and quality of Gamble’s examples make Clojure Recipes uniquely valuable both to developers who are exploring Clojure for the first time and to those already using it in production.

Rice Cookbook: 50 Delicious of Rice Cookbook (Rice Recipes, Rice Flour Recipes, Rice Recipes Cookbook, Rice Recipes Cookbooks, Rice Recipes Book) Rice is a part of many traditional cuisines. It is used as a main dish as a side dish or as a decoration for food. People knew about rice a long time ago. It has been part of our meals for 5,000 years. The first information about rice was found in China about 2,800 BC. The rise has been a part of Chinese food tradition. Chinese legends provide information that rise is used so much in the Chinese cuisine thanks to the legendary Emperor of China Shennong who was also the inventor of Chinese agriculture. The rise was spread from East Asia to South Asia and after that in Europe. Also, it was introduced to Americans through the European colonization. Rice comes in many shapes, colors and sizes. There are several types of rice known worldwide. - Long Grain Brown Rice - Long grain rice has a long, slender kernel, four to five times longer than its width. Cooked grains are separate, light and fluffy. - Short Grain Brown Rice - Short grain rice has a short, plump, almost, round kernel. Cooked grains are soft and cling together. - Sweet Brown Rice - Sweet rice is short and plump with a chalky white, opaque kernel. When cooked, sweet rice loses its

shape and is very sticky. - Brown Basmati Rice - India is well known for its fragrant Basmati rice, another aromatic long grain rice with a distinct popcorn aroma. - Chinese Black Rice - Chinese Black Rice is a medium grain rice with white kernels inside the black bean. Cooked, it takes on a deep publishing color. Rice is definitely the food we should include in our diet. It is full with nutrients. This food is really good for us, because it is very healthy. Rice contains proteins, iron, B vitamins and folic acid. These nutrition give us a lot of energy and that is why we do not need extra snacks. It is also important to know that the brown rice is whole grain and the white is not. Most of us are aware that we do not get as much fiber as we should. That is why rice is a good choice for our next meal. Whole grains are the healthiest option because they retain all the nutrients from the grain and are high in fiber.

A practical guide for building effective enterprise solutions with Java EE 8 Key Features Recipes to get you up-and-running with Java EE 8 application development Learn how to apply the major Java EE 8 APIs and specifications Implement microservices and Reactive programming with Java EE 8 Book Description Java EE is a collection of technologies and APIs to support Enterprise Application development. The choice of what to use and when can be dauntingly complex for any developer. This book will help you master this. Packed with easy to follow recipes, this is your guide to becoming productive with Java EE 8. You will begin by seeing the latest features of Java EE 8, including major Java EE 8 APIs and specifications such as JSF 2.3, and CDI 2.0, and what they mean for you. You will use the new features of Java EE 8 to implement web-based services for your client applications. You will then learn to process the Model and Streaming APIs using JSON-P and JSON-B and will learn to use the Java Lambdas support offered in JSON-P. There are more recipes to fine-tune your RESTful development, and you will learn about the Reactive enhancements offered by the JAX-RS 2.1 specification. Later on, you will learn about the role of multithreading in your enterprise applications and how to integrate them for transaction handling. This is followed by implementing microservices with Java EE and the advancements made by Java EE for cloud computing. The final set of recipes shows you how take advantage of the latest security features and authenticate your enterprise application. At the end of the book, the Appendix shows you how knowledge sharing can change your career and your life. What you will learn Actionable information on the new features of Java EE 8 Using the most important APIs with real and working code Building server side applications, web services, and web applications Deploying and managing your application using the most important Java EE servers Building and deploying microservices using Java EE 8 Building Reactive application by joining Java EE APIs and core Java features Moving your application to the cloud using containers Practical ways to improve your projects and career through community involvement Who this book is for This book is for developers who want to become proficient with Java EE 8 for their enterprise application development. Basic knowledge of Java is assumed

Learn to use the Java Persistence API (JPA) and other related APIs as found in the Java EE 8 platform from the perspective of one of the specification creators. A one-of-a-kind resource, this in-depth book provides both theoretical and practical coverage of JPA usage for experienced Java developers. Authors Mike Keith, Merrick Schincariol and Massimo Nardone take a hands-on approach, based on their wealth of experience and expertise, by giving examples to illustrate each concept of the API and showing how it is used in practice. The examples use a common model from an overarching sample application, giving you a context from which to start and helping you to understand the examples within an already familiar domain. After completing Pro JPA 2 in Java EE 8, you will have a full understanding of JPA and be able to successfully code applications using its annotations and APIs. The book also serves as an excellent reference guide. What You Will Learn Use the JPA in the context of enterprise applications Work with object relational mappings (ORMs), collection mappings and more Build complex enterprise Java applications that persist data long after the process terminates Connect to and persist data with a variety of databases, file formats, and more Use queries, including the Java Persistence Query Language (JPQL) Carry out advanced ORM, queries and XML mappings Package, deploy and test your Java persistence-enabled enterprise applications Who This Book Is For Experienced Java programmers and developers with at least some prior experience with J2EE or Java EE platform APIs.

From lambda expressions and JavaFX 8 to new support for network programming and mobile development, Java 8 brings a wealth of changes. This cookbook helps you get up to speed right away with hundreds of hands-on recipes across a broad range of Java topics. You'll learn useful techniques for everything from debugging and data structures to GUI development and functional programming. Each recipe includes self-contained code solutions that you can freely use, along with a discussion of how and why they work. If you are familiar with Java basics, this cookbook will bolster your knowledge of the language in general and Java 8's main APIs in particular. Recipes include: Methods for compiling, running, and debugging Manipulating, comparing, and rearranging text Regular expressions for string- and pattern-matching Handling numbers, dates, and times Structuring data with collections, arrays, and other types Object-oriented and functional programming techniques Directory and filesystem operations Working with graphics, audio, and video GUI development, including JavaFX and handlers Network programming on both client and server Database access, using JPA, Hibernate, and JDBC Processing JSON and XML for data storage Multithreading and concurrency

The Spring framework is a widely adopted enterprise and general Java framework. The release of Spring Framework 3.0 has added many improvements and new features for Spring development. Written by Gary Mak, author of the bestseller Spring Recipes, and Josh Long, an expert Spring user and developer, Spring Enterprise Recipes is one of the first books on Spring 3.0. This key book focuses on Spring Framework 3.0, the latest version available, and a framework-related

suite of tools, extensions, plug-ins, modules, and more—all of which you may want and need for building three-tier Java EE applications. Build Spring enterprise and Java EE applications from the ground up using recipes from this book as templates to get you started, fast. Employ Spring Integration, Spring Batch and jBPM with Spring to bring your application's architecture to the next level. Use Spring's remoting, and messaging support to distribute your application, or bring your application to the cloud with GridGain and Terracotta.

JavaFX 2.0: Introduction by Example provides a quick start to programming the JavaFX 2.0 platform. JavaFX 2.0 provides a rich set of APIs for use in creating graphically exciting client applications written solely in Java. You get a large set of customizable components that can be skinned using CSS techniques that you already know from doing web development. The platform even includes a web rendering engine enabling you to mix HTML content into your applications. Hardware acceleration means that your applications are fast and snappy, taking full advantage of modern graphics processing support at the hardware level. JavaFX 2.0 opens the door to business applications that look good, are fun to use, that take advantage of the medium to present data of all types—text, audio, video, etc.—in ways that engage the user and lead to increased productivity. Getting started with JavaFX 2.0 is surprisingly easy. You already have the Java skills. Very likely you know enough of CSS to get by. All that's left is to get a leg up on the API, and that's where JavaFX 2.0: Introduction by Example can help. In this short book, author Carl Dea takes you through a series of engaging, fun-to-work examples that bring you up to speed with the major facets of the platform. Begin with the fundamentals of installing the software and creating a simple interface. Move in progressive steps through the process of developing a working dialog box for an application. Then let the fun begin as you explore images and animations, audio and video, and finally learn to embed JavaFX applications in a web page as well as embedding HTML5 content within an application. At the end of this book you'll have a good grasp of what JavaFX is all about, and you'll be ready to begin your journey towards mastery of the platform. Entirely example-based Focused on practical applications Full of working code for you to adapt and extend

Do you love delicious, mouth-watering professionally designed crockpot recipes? Would you like seeing the recipes you are about to cooked in full colour? Then Delicious Crockpot Recipes: A Full Color Crockpot Cookbook for your Slow Cooker is your Book! The Spring framework is growing. It has always been about choice. Java EE focused on a few technologies, largely to the detriment of alternative, better solutions. When the Spring framework debuted, few would have agreed that Java EE represented the best-in-breed architectures of the day. Spring debuted to great fanfare, because it sought to simplify Java EE. Each release since marks the introduction of new features designed to both simplify and enable solutions. With version 2.0 and later, the Spring framework started targeting multiple platforms. The framework provided services on top of existing platforms, as always, but was

decoupled from the underlying platform wherever possible. Java EE is still a major reference point, but it's not the only target. OSGi (a promising technology for modular architectures) has been a big part of the SpringSource strategy here. Additionally, the Spring framework runs on Google App Engine. With the introduction of annotation-centric frameworks and XML schemas, SpringSource has built frameworks that effectively model the domain of a specific problem, in effect creating domain-specific languages (DSLs). Frameworks built on top of the Spring framework have emerged supporting application integration, batch processing, Flex and Flash integration, GWT, OSGi, and much more.

jQuery is often referred to as the 'write less, do more' JavaScript library. It allows a few clear lines of elegant, well-tested, code to replace many pages of complex hand-coded script, speeding development times and providing substantial cost savings. You will find jQuery 2 Recipes' problem-solution approach to be an excellent value and a feature-packed resource as you begin to include jQuery in your own projects. This book is bursting with fully-worked example recipes showing the core jQuery frameworks (jQuery, jQuery Mobile, jQuery UI) in action. Starting with fundamental principals and progressing to more advanced topics you'll be shown how to make the very best use of jQuery every step of the way. Early on, you'll learn to work confidently with dynamic data and to handle the jQuery events that form the foundation of your application. We'll then build on this foundation to demonstrate how fully working user-interface animations and AJAX data-validation can be constructed within jQuery. We'll show how add-on libraries like jQwidgets can be deployed to create professional quality apps for both the desktop and web with minimal coding. Finally, a full set of debugging and error-handling recipes is included to help you track down bugs and ensure your code is as robust as it can be.

The Ultimate Spinach Recipe Guide Spinach and leafy green vegetables like it are among the most nutritious of low calorie foods. Not only is spinach good for you, but it is an incredible immune system bolster that can protect you against myriad health problems throughout your life. However, in order to get the most out of every serving of spinach, you must understand exactly how and why to eat it. We have collected the most delicious and best selling recipes from around the world. Enjoy! Health Benefits Spinach is very low in Saturated Fat and Cholesterol. Spinach is a good source of Calcium and Iron. Spinach is high in Dietary Fiber, Protein, and Vitamin A, C, E. Introduce Spinach Recipes into your Diet Today!! Scroll Up & Grab Your Copy NOW!

A quick problem-solving guide to automated testing web applications with Selenium WebDriver in Java. It contains hundreds of solutions to real-world problems, with clear explanations and ready-to-run Selenium test scripts that you can use in your own projects.

Hibernate continues to be the most popular out-of-the-box framework solution for Java Persistence and data/database accessibility techniques and patterns. It is used for e-commerce-based web applications as well as heavy-duty transactional systems for the enterprise. Gary Mak, the author of the best-selling Spring Recipes, now brings you Hibernate Recipes. This book contains a collection of code recipes and templates for learning and building Hibernate solutions for you and your clients. This book is your pragmatic day-to-day reference and guide for doing all things involving Hibernate. There are many books focused on learning Hibernate, but this book takes you further and shows how you can apply it practically in your daily work.

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Java EE 7 Recipes takes an example-based approach in showing how to program Enterprise Java applications in many different scenarios. Be it a small-business web application, or an enterprise database application, Java EE 7 Recipes provides effective and proven solutions to accomplish just about any task that you may encounter. You can feel confident using the reliable solutions that are demonstrated in this book in your personal or corporate environment. The solutions in Java EE 7 Recipes are built using the most current Java Enterprise specifications, including EJB 3.2, JSF 2.2, Expression Language 3.0, Servlet 3.1, and JMS 2.0. While older technologies and frameworks exist, it is important to be forward-looking and take advantage of all that the latest technologies offer. Rejuvenate your Java expertise to use the freshest capabilities, or perhaps learn Java Enterprise development for the first time and discover one of the most widely used and most powerful platforms available for application development today. Let Java EE 7 Recipes show you the way by showing how to build streamlined and reliable applications much faster and easier than ever before by making effective use of the latest frameworks and features on offer in the Java EE 7 release. Shows off the most current Java Enterprise Edition technologies. Provides solutions to creating sophisticated user interfaces. Demonstrates proven solutions for effective database access. Table of Contents Introduction to Servlets JavaServer Pages The Basics of JavaServer Faces Facelets JavaServer Faces Standard Components Advanced JavaServer Faces and Ajax JDBC Object-Relational Mapping Enterprise JavaBeans The Query API and JPQL Oracle's Glassfish Contexts and Dependency Injection Java Message Service Authentication and Security Java Web Services Enterprise Solutions Using Alternative Programming Languages WebSockets and JSON-P JavaFX in the Enterprise Concurrency and Batch Applications

ASP.NET MVC 4 Recipes is a practical guide for developers creating modern web applications, cutting through the complexities of ASP.NET, jQuery, Knockout.js and HTML 5 to provide straightforward solutions to common web development problems using proven methods based on best practices. The problem-solution approach gets you in, out, and back to work quickly while deepening your understanding of the underlying platform and how to develop with it. Author John Ciliberti guides you through the framework and development tools, presenting typical challenges, along with code solutions and clear, concise explanations, to accelerate application development. Inside you will find recipes dealing with streamlined syntax, full control over HTML, a simple API for creating RESTful web services, writing support for test driven development, and more. Solve problems immediately by pasting in code from the recipes, or put multiple recipe solutions together to overcome challenging development obstacles. Dive head first into ASP.NET MVC web development with ASP.NET MVC 4 Recipes.

Offers solutions to EJB development problems, including issues relating to security, CMP and BMP beans, messaging, application testing, logging, and code generation.

Java 7 Recipes offers solutions to common programming problems encountered every day while developing Java-based applications. Fully updated with the newest features and techniques available, Java 7 Recipes provides code examples involving Servlets, Java FX 2.0, XML, Java Swing, and much more. Content is presented in the popular problem-solution format: Look up the programming problem that you want to solve. Read the solution. Apply the solution directly in your own code. Problem solved!

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The problem-solution approach sets Java 7 Recipes apart from other books on the topic. Java 7 Recipes is focused less on the language itself and more on what you can do with it that is useful. The book respects your time by always focusing on a task that you might want to perform using the language. Solutions come first. Explanations come later. You are free to crib from the book and apply the code examples directly to your own projects. Covers all-new release of Java: Java 7 Focuses especially on up-and-coming technologies such as Java FX 2.0 Respects your time by focusing on practical solutions you can implement in your own code

Android continues to be one of the leading mobile OS and development platforms driving today's mobile innovations and the apps ecosystem. Android appears complex, but offers a variety of organized development kits to those coming into Android with differing programming language skill sets. Android Recipes: A Problem-Solution Approach, Second Edition offers more than 100 down-to-earth code recipes, and guides you step-by-step through a wide range of useful topics using complete and real-world working code examples. It's updated to include the Jelly Bean Android SDK as well as earlier releases. Instead of abstract descriptions of complex concepts, in Android Recipes, you'll find live code examples. When you start a new project, you can consider copying and pasting the code and configuration files from this book, then modifying them for your own customization needs. Crammed with insightful instruction and helpful examples, this second edition of Android Recipes is your guide to writing apps for one of today's hottest mobile platforms. It offers pragmatic advice that will help you get the job done quickly and well. This can save you a great deal of work over creating a project from scratch!

Take the guesswork out of using regular expressions. With more than 140 practical recipes, this cookbook provides everything you need to solve a wide range of real-world problems. Novices will learn basic skills and tools, and programmers and experienced users will find a wealth of detail. Each recipe provides samples you can use right away. This revised edition covers the regular expression flavors used by C#, Java, JavaScript, Perl, PHP, Python, Ruby, and VB.NET. You'll learn powerful new tricks, avoid flavor-specific gotchas, and save valuable time with this huge library of practical solutions. Learn regular expressions basics through a detailed tutorial Use code listings to implement regular expressions with your language of choice Understand how regular expressions differ from language to language Handle common user input with recipes for validation and formatting Find and manipulate words, special characters, and lines of text Detect integers, floating-point numbers, and other numerical formats Parse source code and process log files Use regular expressions in URLs, paths, and IP addresses Manipulate HTML, XML, and data exchange formats Discover little-known regular expression tricks and techniques

Quickly find solutions to dozens of common programming problems with the Java Enterprise Edition Platform for small business web applications, enterprise database applications, and microservices solutions. Content is presented in the popular problem-solution format. Look up the programming problem that you want to solve. Read the solution. Apply the solution directly in your own code. Problem solved! Java EE 8 Recipes provides you with effective and proven solutions that can be used to accomplish just about any task that you may encounter. You can feel confident using the reliable solutions that are demonstrated in this book

in your personal or corporate environment. Java is a mature programming language that has been refined over the years into a productive and lucrative language for those with the skills to wield it. One result of this years-long refining process is that the language carries forward many older feature sets that no longer represent the best way of getting work accomplished. You can rest assured that Java EE 8 Recipes provides solutions using the most current approaches implemented in the most current Java Enterprise technologies, including JSON-P 1.1, JSF 2.3, and JAX-RS 2.1. Build a streamlined and reliable application that uses the latest in Java technologies, and develop it much faster than you did with the older technologies. Rejuvenate your Java expertise to use the freshest capabilities, or perhaps learn Java Enterprise development for the first time and discover one of the most widely used and most powerful technologies available for application development today. Develop productively. Develop with proven technology. Develop with Java Enterprise Edition. The book: Teaches how to develop RESTful enterprise applications quickly using the most current Java EE technologies Explores different solutions for developing sophisticated web user interfaces Walks you through a myriad of different concepts to apply while working with databases using Java technologies What You'll Learn Develop Java Enterprise applications using the latest in Java EE technologies Build great-looking user interfaces using Java Server Faces Employ Java Servlet technology and standard frameworks in developing professional web applications Create enterprise-level database applications using Enterprise Java Beans and JAX-RS RESTful web services Make use of Arquillian to build a cohesive test suite for Java EE applications Manage Java EE application security through Java EE's container feature set Who This Book Is For Java developers who want to develop effective and proven solutions without reading a lengthy manual and scrubbing for techniques. A beginning Java programmer will find the book handy for learning a variety of different solutions for the platform, while advanced developers will enjoy the ease of the problem-solution approach to quickly broaden their knowledge of the platform's latest technologies.

Quickly find solutions to dozens of common programming problems encountered while building Java applications. Content is presented in the popular problem-solution format. Look up the programming problem that you want to resolve. Read the solution. Apply the solution directly in your own code. Problem solved! This revised edition covers important new features such as Java 9's JShell and the new modularity features enabling you to separate code into independent modules that perform discrete tasks. Also covered are the new garbage collection algorithm and completely revamped process API. Enhanced JSON coverage is provided as well as a new chapter on JavaServer Faces development for web applications. What You'll Learn Develop Java SE applications using the latest in Java SE technology Exploit advanced features like modularity and lambdas Use JShell to quickly develop solutions Build dynamic web applications with JavaScript and Project Nashorn Create great-looking web interfaces with JavaServer Faces Generate graphics and work with media such as sound and video Add internationalization support to your Java applications Who This Book Is For Both beginning Java programmers and advanced Java developers

Java continues to grow and evolve, and this cookbook continues to evolve in tandem. With this guide, you'll get up to speed right away with hundreds of hands-on recipes across a broad range of Java topics. You'll learn useful techniques for everything from

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string handling and functional programming to network communication. Each recipe includes self-contained code solutions that you can freely use, along with a discussion of how and why they work. If you're familiar with Java basics, this cookbook will bolster your knowledge of the language and its many recent changes, including how to apply them in your day-to-day development. This updated edition covers changes through Java 12 and parts of 13 and 14. Recipes include: Methods for compiling, running, and debugging Packaging Java classes and building applications Manipulating, comparing, and rearranging text Regular expressions for string and pattern matching Handling numbers, dates, and times Structuring data with collections, arrays, and other types Object-oriented and functional programming techniques Input/output, directory, and filesystem operations Network programming on both client and server Processing JSON for data interchange Multithreading and concurrency Using Java in big data applications Interfacing Java with other languages

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