

# **Biztalk 2013 Recipes A Problem Solution Approach Experts Voice In Biztalk 2nd Edition By Beckner Mark Dharanikota Kishore 2013 Paperback**

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Recipes*

Eventually, you will utterly discover a other experience and achievement by spending more cash. yet when? get you undertake that you require to acquire those all needs as soon as having significantly cash? Why dont you try to get something basic in the beginning? Thats something that will lead you to

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accompanied by guides you could enjoy now is **Biztalk 2013 Recipes A Problem Solution Approach Experts Voice In Biztalk 2nd Edition By Beckner Mark Dharanikota Kishore 2013 Paperback** below.

**Spring 5 Recipes** Apr 25 2022 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 reusable 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.

*Oracle and PL/SQL Recipes* Apr 01 2020 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

Java 9 Recipes Aug 06 2020 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

**PySpark Recipes** Jun 15 2021 Quickly find solutions to common programming problems encountered while processing big data. 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! PySpark Recipes covers Hadoop and its shortcomings. The architecture of Spark, PySpark, and RDD are presented. You will learn to apply RDD to solve day-to-day big data problems. Python and NumPy are included and make it easy for new learners of PySpark to understand and adopt the model.

What You Will Learn Understand the advanced features of PySpark2 and SparkSQL Optimize your code Program SparkSQL with Python Use Spark Streaming and Spark MLlib with Python Perform graph analysis with GraphFrames Who This Book Is For Data analysts, Python programmers, big data enthusiasts

**JavaScript Recipes** Jul 29 2022 Quickly discover solutions to common problems, best practices you can follow, and everything JavaScript has to offer. Using a problem-solution approach, this book takes you from language basics like built-in objects and flow control all the way to advanced optimization techniques, frameworks and Node.js. With JavaScript Recipes you will learn language fundamentals like types, conversions, execution contexts, expressions, operators, statements, and built-in objects. You'll explore and make the most of your script's host environment and how to create your own JavaScript host using Google's V8 engine. Employ advanced optimization techniques to create scripts that execute as fast, or faster, than native executables. JavaScript Recipes shows you how to avoid wasting development time and concentrate on developing cutting-edge applications. You'll see how much quicker and efficient it is to develop with JavaScript. Start becoming a JavaScript pro with

JavaScript Recipes today. What You'll Learn Learn JavaScript language fundamentals and what they can do for you Use JavaScript's powerful features to develop next-generation applications Explore your script's host environment and extend it with your own objects Learn how to use Google's V8 Engine to create your own JavaScript environment Learn advanced optimization techniques Implement advanced techniques like closures, namespaces, and reflection How to use Node.js efficiently Who This Book Is For JavaScript developers who need to get development tasks accomplished quickly.

*iOS 7 Development Recipes* Sep 18 2021 iOS 7 Development Recipes: A Problem-Solution Approach is your code reference and guide to developing solutions on the iPad, iPhone, and other iOS 7 SDK devices and platforms. This book provides in-depth code samples and discussions for scenarios that developers face every day. You'll find numerous examples of real-world cases that will enable you to build fully functional applications quickly and efficiently. The recipes included in this book are wide in scope and have been geared toward the professional developer. You'll find clear and concise code samples accompanying each recipe, and you will be presented with cutting-edge solutions that bring forth the best that the iOS 7 SDK has to offer. The recipes include: Working with Auto Layout to build flexible user interfaces that adapt to different screen sizes Building applications that incorporate multimedia Building location-aware apps Understanding best practices for application design and development You'll find this book to be an indispensable reference for all your iOS development.

**PyTorch Recipes** Sep 06 2020 Get up to speed with the deep learning concepts of PyTorch using a problem-solution approach. Starting with an introduction to PyTorch, you'll get familiarized with tensors, a type of data structure used to calculate arithmetic operations and also learn how they operate. You will then take a look at probability distributions using PyTorch and get acquainted

with its concepts. Further you will dive into transformations and graph computations with PyTorch. Along the way you will take a look at common issues faced with neural network implementation and tensor differentiation, and get the best solutions for them. Moving on to algorithms; you will learn how PyTorch works with supervised and unsupervised algorithms. You will see how convolutional neural networks, deep neural networks, and recurrent neural networks work using PyTorch. In conclusion you will get acquainted with natural language processing and text processing using PyTorch. What You Will Learn Master tensor operations for dynamic graph-based calculations using PyTorch Create PyTorch transformations and graph computations for neural networks Carry out supervised and unsupervised learning using PyTorch Work with deep learning algorithms such as CNN and RNN Build LSTM models in PyTorch Use PyTorch for text processing Who This Book Is For Readers wanting to dive straight into programming PyTorch.

**C++ Recipes** Aug 30 2022 C++ Recipes: A Problem-Solution Approach is a handy code cookbook reference guide that cover the latest C++ 14 as well as some of the code templates available in the latest Standard Template Library (STL). In this handy reference, you'll find numbers, strings, dates, times, classes, exceptions, streams, flows, pointers and more. Also, you'll see various code samples, templates for C++ algorithms, parallel processing, multithreading and numerical processes. These have many applications including game development, big data analytics, financial engineering and analysis, enterprise applications and more. A wealth of STL templates on function objects, adapters, allocators, and extensions are also available. This is a "must have", contemporary reference for your technical library.

**iOS 5 Recipes** Sep 26 2019 iOS 5 Recipes: A Problem-Solution Approach is your guide to developing solutions on iPad, iPhone, and other iOS 5 devices and platforms. This book provides in-

depth code samples and discussions for scenarios that developers face every day. You'll find numerous examples of real-world cases that will enable you to build fully functional applications quickly and efficiently. The recipes included in this book are wide in scope, and have been geared toward the professional developer. You'll find clear and concise code samples accompanying each recipe, and will be presented with cutting-edge solutions that bring forth the best that the iOS 5 SDK has to offer. The recipes include: Working with Interface Builder in the latest version of Xcode Building applications that incorporate animation and multimedia Building location-aware apps Understanding best practices for application design and development You'll find iOS 5 Recipes: A Problem-Solution Approach to be an indispensable reference for all of your iOS development.

**Objective-C Recipes** May 27 2022 Objective-C Recipes provides a problem solution approach for dealing with key aspects of Objective-C programming, ensuring you have the indispensable reference you need to successfully execute common programming tasks. You will see how to use the unique features of the Objective-C programming language, the helpful features of the Foundation framework, and the benefits of using Objective-J as an alternative. Solutions are available for a range of problems, including: Application development with Xcode Working with strings, numbers and object collections Using foundation classes like NSArray, NSString, NSData and more Dealing with threads, multi-core processing and asynchronous processing Building applications that take advantage of dates and timers and memory management How to use Objective-C on other platforms Objective-C Recipes is an essential reference for every Objective-C programmer, and offers solutions in a concise and easy-to-follow manner. Matthew Campbell has trained over 800 new iOS developers at the Mobile App Mastery Institute and iOS Code Camp, and here brings his expertise to offer you the ability to use and exploit Objective-C to get the most out of all of your projects.

*PHP 5 Recipes* Jul 25 2019 \* The only PHP "cook book" available that is completely up-to-date for PHP 5 which includes teaching material for PHP 5 object-oriented features \* Complete code provided to solve all common problems PHP developers will come across in day-to-day work as well as using built in PHP functionality \* Works well as a learn-by-example teaching book, as well as a quick solutions book

**Windows Phone 8 Recipes** Nov 28 2019 Windows Phone 8 Recipes is a problem-solution based guide to the Windows Phone 8 platform. Recipes are grouped according to features of the platform and ways of interacting with the device. Solutions are given in C# and XAML, so you can take your existing .NET skills and apply them to this exciting new venture. Not sure how to get started? No need to worry, there's a recipe for that! Always wondered what it takes to add cool features like gesture support, maps integration, or speech recognition into your app? We've got it covered! Already have a portfolio of Windows Phone 7 apps that needs to be upgraded? We have a recipe for that too! The book starts by guiding you through the setup of your development environment, including links to useful tools and resources. Core chapters range from coding live tiles and notifications to interacting with the camera and location sensor. Later chapters cover external services including Windows Azure Mobile Services, the Live SDK, and the Microsoft Advertising SDK, so you can take your app to a professional level. Finally, you'll find out how to publish and maintain your app in the Windows Phone Store. Whether you're migrating from Windows Phone 7 or starting from scratch, Windows Phone 8 Recipes has the code you need to bring your app idea to life. What you'll learn Set up your development environment with the Windows Phone 8 SDK. Upgrade your existing Windows Phone 7 apps to Windows Phone 8. Meet and try out the new features provided in the Windows Phone 8 SDK. Bring your apps to life with live tiles, notifications, and cloud services. Discover the easy steps to setting up your own Windows

Phone Store account. Learn how to submit your apps for publication to the Windows Phone Store. Who this book is for Windows Phone 8 Recipes is for the developer who has a .NET background, is familiar with C# and either WPF or Silverlight, and is ready to tap into a new and exciting market in mobile app development. Table of ContentsChapter 1: Introduction to the Windows Phone SDK Chapter 2: Multi-Resolution Support and Basic User Interface Components Chapter 3: Gestures Chapter 4: Live Tiles and Lock Screen Chapter 5: Background Agents and Notifications Chapter 6: Appointments and Contacts Chapter 7: Camera, Photos, and Media Chapter 8: Maps, Location, and Routing Chapter 9: Communications and Speech Chapter 10: Launching and Resuming Apps Chapter 11: Data Storage Chapter 12: Windows Azure Mobile Services Chapter 13: Using the Microsoft Live SDK Chapter 14: Publishing your App

R Recipes Nov 20 2021 R Recipes is your handy problem-solution reference for learning and using the popular R programming language for statistics and other numerical analysis. Packed with hundreds of code and visual recipes, this book helps you to quickly learn the fundamentals and explore the frontiers of programming, analyzing and using R. R Recipes provides textual and visual recipes for easy and productive templates for use and re-use in your day-to-day R programming and data analysis practice. Whether you're in finance, cloud computing, big or small data analytics, or other applied computational and data science - R Recipes should be a staple for your code reference library. What you'll learn Tips and tricks for making the migration to R smooth and seamless Code recipes for I/O, data structures, transformations, strings, dates and more How to use graphics and visualization in R Using R for probability, statistics, hypothesis tests, linear regression time series and more How to write practical code and templates for finance and big data analytics Code for doing numerics or numerical analysis, beyond just statistical programming Who this book is for If you're new to R,

then R Recipes will help get you started. If you're an experienced data programmer, then it will remind you as well as expand upon your knowledge base; so, you'll get the job done faster and learn more about R in the process. Table of Contents 1. Migrating to R 2. Input and Output 3. Data Structures 4. Merging and Reshaping Datasets 5. Working with Dates and Strings 6. Working with Tabular Data 7. Working with Numerical Data 8. Graphics and Data Visualization 9. Probability Distributions 10. Tests of Differences 11. Tests of Relationships 12. Modern Robust Statistics 13. Writing Functions 14. Working with Financial Data 15. Dealing with Big Data 16. Introduction to Text and Data Mining

**Android Recipes** Nov 01 2022 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!

**Visual C# 2005 Recipes** May 15 2021 \* One of the first books to really offer C# programmers a set of cut-and-paste Visual C# 2005 solutions, in the Apress Recipes series format. Every recipe is specifically chosen and written to help the emerging Visual C# 2005 professional do their job from day one. \* The Apress Recipes series balances code and textual explanations perfectly to explain the new nuances of Visual C# 2005 as well as present the code recipes themselves. \* The code in this book comes as a complete stand-alone Visual Studio 2005 Solution, complete with unit tests for all recipes. This means the solutions are really ready to run as soon as the reader opens the book. \* Code is authoritative and follows Microsoft's best-practice guidelines for .NET 2.0.

**Go Recipes** Jun 27 2022 Solve your Go problems using a problem-solution approach. Each recipe is a self-contained answer to a practical programming problem in Go. Go Recipes contains recipes that deal with the fundamentals of Go, allowing you to build simple, reliable, and efficient software. Other topics include working with data using modern NoSQL databases such as MongoDB and RethinkDB. The book provides in-depth guidance for building highly scalable backend APIs in Go for your mobile client applications and web client applications. All this means that you'll be able to write programs that get the most out of multicore and networked machines, using Go's novel type system that enables flexible and modular program construction. You'll see how to test your Go applications so they are ready for deployment, as well as learning how to write HTTP servers to offer you maximum flexibility when dealing with remote clients. What You'll Learn Work with the core fundamentals of Go Persist data into NoSQL databases Build scalable backend APIs Test your Go applications Create HTTP web servers in Go Who This Book Is For Experienced programmers who have some or no prior

experience with Go.

**MATLAB Recipes** Apr 13 2021 Learn from state-of-the-art examples in robotics, motors, detection filters, chemical processes, aircraft, and spacecraft. This is a practical reference for industry engineers using MATLAB to solve everyday problems. With *MATLAB Recipes: A Problem-Solution Approach* you will review contemporary MATLAB coding including the latest language features and use MATLAB as a software development environment including code organization, GUI development, and algorithm design and testing. This book provides practical guidance for using MATLAB to build a body of code you can turn to time and again for solving technical problems in your line of work. Develop algorithms, test them, visualize the results, and pass the code along to others to create a functional code base for your firm.

**Spring Recipes** Dec 22 2021 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.

**WxPython Recipes** Jun 23 2019 Quickly discover solutions to common problems, learn best practices, and understand everything wxPython has to offer. This book is for anyone wanting to learn more about how to use the wxPython desktop GUI toolkit. It assumes some prior knowledge of Python and a general understanding of wxPython or GUI development, and contains more than 50 recipes covering various tasks and aspects of the toolkit. wxPython Recipes guides you step by step. The book takes you through how to create user interfaces in Python, including adding widgets, changing background images, manipulating dialogs, managing data, and much more. Examples target both Python 2.x and 3.x, and cover both wxPython 3.0 and Phoenix, offering a complete collection of ideas to improve your GUI development.

**Swift Recipes** Dec 30 2019 Swift Recipes provides a problem solution approach for dealing with key aspects of the Swift programming language (covering version 1.2), ensuring you have the indispensable reference you need to successfully execute common programming tasks. You'll learn how to use the unique features of the Swift programming language as well as its use with Cocoa and Cocoa touch frameworks and libraries. Solutions are available for a range of problems, including application development with Xcode; working with strings, numbers, and object collections; dealing with threads, multi-core processing, and asynchronous processing; and building applications that take advantage of dates and timers and memory management. This book is an essential core reference for every Swift programmer and offers solutions in a concise and easy-to-follow manner. T. Michael Rogers has developed iOS applications for Fortune 100 brands and startups, and has trained new and experienced iOS developers via the iOS Boot Camp in New York City, online

courses, and in private settings. He brings his expertise to offer you the ability to use and exploit Swift to get the most out of all your projects for your app creations, whether you use iOS or Mac OS X.

*Shell Scripting Recipes* Jul 17 2021 \*Author is active and well-known within the community \*Comprehensive and example-driven, for faster completion of administration tasks \*Scripts are POSIX-compliant; supported by all mainstream shells \*All examples contain the problem, the solution, and the code needed to implement the solution.

**Git Recipes** Mar 25 2022 Whether you're relatively new to git or you need a refresher, or if you just need a quick, handy reference for common tasks in git, Git Recipes is just the reference book you need. With recipes to cover any task you can think of, including working with GitHub and git on BitBucket, Git Recipes shows you how to work with large repositories, new repositories, forks, clones, conflicts, differences, and it even gives you practical scenarios you may find yourself dealing with while using git. If you work with Git at all, you need this hands-on, practical reference for all things Git.

**21 Recipes for Mining Twitter** Jan 29 2020 Millions of public Twitter streams harbor a wealth of data, and once you mine them, you can gain some valuable insights. This short and concise book offers a collection of recipes to help you extract nuggets of Twitter information using easy-to-learn Python tools. Each recipe offers a discussion of how and why the solution works, so you can quickly adapt it to fit your particular needs. The recipes include techniques to: Use OAuth to access Twitter data Create and analyze graphs of retweet relationships Use the streaming API to harvest tweets in realtime Harvest and analyze friends and followers Discover friendship cliques Summarize webpages from short URLs This book is a perfect companion to O'Reilly's Mining the Social Web.

*C Recipes* Jul 05 2020 Solve your C programming problems with

practical and informative recipes. This book covers various aspects of C programming including the fundamentals of C, operators and expressions, control statements, recursion, and user-defined functions. Each chapter contains a series of recipes that you can easily reference to quickly find the answers you are looking for. C Recipes also contains recipes and solutions for problems in memory management, arrays, standard input and output, structures and unions, pointers, self-referential structures, data files, pre-processor directives, and library functions. What You Will Learn Master operators and expressions Write user-defined functions Work with structures and unions Use pointers Define self referential structures Leverage library functions Who This Book Is For Those with some experience in C programming.

*Java EE 8 Recipes* Jun 03 2020 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 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.

[Node.js Recipes](#) Jan 23 2022 Node.js Recipes is your one-stop reference for solving Node.js problems. Filled with useful recipes that follow a problem/solution format, you can look up recipes for many situations that you may come across in your day-to-day server-side development. Node.js is accessible to those who not only relish in server-side programming but also web developers

who understand the ubiquitous language of the web. Node.js Recipes covers all the essential ingredients required to become a seasoned Node.js developer in no time - make it your indispensable reference today.

**jQuery 2 Recipes** Mar 01 2020 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. What you'll learn This book contains a comprehensive collection of recipes that will help you solve a wide range of jQuery 2.0 problems. Follow working examples of the main features of all three core jQuery frameworks (jQuery, jQuery UI and jQuery Mobile) in action. See how to integrate jqWidgets into your application effectively. Learn the techniques to create and implement custom animations and effects using jQuery methods. Follow tried-and-tested debugging recipes to streamline your applications. Who this book is for This book is written for developers with a basic working

knowledge of jQuery, HTML and CSS, who want to broaden their learning. You should be comfortable creating basic programs and understand the role that jQuery plays within an application before you begin reading. Table of Contents Chapter 1 Introduction Chapter 2 jQuery Fundamentals Chapter 3 jQuery Selectors Chapter 4 jQuery Selectors Filtering and Expansion Chapter 5 DOM Traversing Chapter 6 DOM Manipulation Chapter 7 Event Handling Chapter 8 jQuery Effects and Animation Chapter 9 jQuery AJAX Chapter 10 jQuery UI Chapter 11 jQuery Mobile Chapter 12 jqWidgets Framework Appendix A Basic HTML5 and CSS3 Appendix B Web Console Appendix C Deploy Web Application Appendix D Logging, Error Handling, and Debugging

**jQuery Recipes** Oct 08 2020 jQuery is one of today's most popular JavaScript web application development frameworks and libraries. jQuery Recipes can get you started with jQuery quickly and easily, and it will serve as a valuable long-term reference. The book begins with small initial problems that developers typically face while working with jQuery, and gradually goes deeper to explore more complex problems. The solutions include illustrations and clear, concise explanations of the code. Using this book and jQuery, your web sites will be more dynamic and lively.

**C++20 Recipes** Jan 11 2021 Discover the newest major features of C++20, including modules, concepts, spaceship operators, and smart pointers. This book is a handy code cookbook reference guide that covers the C++ core language standard as well as some of the code templates available in standard template library (STL). In C++20 Recipes: A Problem-Solution Approach, you'll find numbers, strings, dates, times, classes, exceptions, streams, flows, pointers, and more. Also, you'll see various code samples, templates for C++ algorithms, parallel processing, multithreading, and numerical processes. It also includes 3D graphics programming code. A wealth of STL templates on function objects, adapters, allocators, and extensions are also

available. This is a must-have, contemporary reference for your technical library to help with just about any project that involves the C++ programming language. What You Will Learn See what's new in C++20 Write modules Work with text, numbers, and classes Use the containers and algorithms available in the standard library Work with templates, memory, concurrency, networking, scripting, and more Code for 3D graphics Who This Book Is For Programmers with at least some prior experience with C++.

**ASP.NET Core Recipes** May 03 2020 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.

*MATLAB Machine Learning Recipes* Sep 30 2022 Harness the power of MATLAB to resolve a wide range of machine learning challenges. This book provides a series of examples of technologies critical to machine learning. Each example solves a real-world problem. All code in *MATLAB Machine Learning Recipes: A Problem-Solution Approach* is executable. The toolbox that the code uses provides a complete set of functions needed to implement all aspects of machine learning. Authors Michael Paluszek and Stephanie Thomas show how all of these technologies allow the reader to build sophisticated applications to solve problems with pattern recognition, autonomous driving, expert systems, and much more. What you'll learn: How to write code for machine learning, adaptive control and estimation using MATLAB How these three areas complement each other How these three areas are needed for robust machine learning applications How to use MATLAB graphics and visualization tools for machine learning How to code real world examples in MATLAB for major applications of machine learning in big data Who is this book for: The primary audiences are engineers, data scientists and students wanting a comprehensive and code cookbook rich in examples on machine learning using MATLAB.

**asyncio Recipes** Feb 09 2021 Get the most out of asyncio and find solutions to your most troubling Python programming problems. This book offers a pragmatic collection of recipes by

going beyond online resources and docs to provide guidance on using this complex library. As such, you'll see how to improve application performance and run computationally intensive programs faster. *asyncio Recipes* starts with examples illustrating the primitives that come with the *asyncio* library, and explains how to determine if *asyncio* is the right choice for your application. It shows how to use *asyncio* to yield performance gains without multiple threads, and identifies common mistakes and how to prevent them. Later chapters cover error-handling, testing, and debugging. By the end of this book, you'll understand how *asyncio* runs behind the scenes, and be confident enough to contribute to *asyncio*-first projects.

**What You Will Learn**

- Discover quirky APIs such as the event loop policies
- Write *asyncio* code with native coroutines
- Use the *ast* module to find legacy *asyncio* code
- Work with *contextvars*
- See what a *async* context manager is and why a lot of *asyncio* APIs use them

**Who This Book Is For**

Experienced Python developers or hobbyists who want to understand *asyncio* and speed up their applications by adding concurrency to their toolkit.

[Spring Enterprise Recipes](#) Dec 10 2020 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.

**Common Lisp Recipes** Aug 18 2021 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, setf 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.

**Modern Java Recipes** Oct 27 2019 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

**Hibernate Recipes** Aug 25 2019 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.

*Java EE 7 Recipes* Feb 21 2022 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

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[Java 7 Recipes](#) Nov 08 2020 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! 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

Python Recipes Handbook Mar 13 2021 Learn the code to write algorithms, numerical computations, data analysis and much more using the Python language: look up and re-use the recipes for your own Python coding. This book is your handy code cookbook reference. Whether you're a maker, game developer, cloud computing programmer and more, this is a must-have reference for your library. Python Recipes Handbook gives you the most common and contemporary code snippets, using pandas (Python Data Analysis Library), NumPy, and other numerical Python packages. What You'll Learn Code with the pandas (Python Data Analysis Library) Work with the various Python algorithms useful for today's big data analytics and cloud applications Use NumPy and other numerical Python packages and code for doing various kinds of analysis Discover Python's new popular modules, packages, extensions and templates library Who This Book Is For This handy reference is for those with some experience with Python.

**Spring Boot 2 Recipes** Oct 20 2021 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.