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WILLIS MARIELA

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and delivery with DevSecOps* Packt
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One of a firm's most valuable resources is its data: client lists, accounting data, employee information, and so on. This critical data must be securely managed and controlled, and simultaneously made available to those users authorized to see it. The IBM® z/VSE® system features extensive capabilities to simultaneously share the firm's data among multiple users and protect them. Threats to this data

come from various sources. Insider threats and malicious hackers are not only difficult to detect and prevent, they might be using resources with the business being unaware. This IBM Redbooks® publication was written to assist z/VSE support and security personnel in providing the enterprise with a safe, secure and manageable environment. This book provides an overview of the security that is provided by z/VSE and the processes for the implementation and configuration of z/VSE security components, Basic Security Manager (BSM), IBM CICS® security, TCP/IP security, single sign-on using LDAP, and connector security.
Security on IBM z/VSE Manning
Publications Company

This second edition of a Manning bestseller has been revised and re-titled to fit the 'In Action' Series by Steve Loughran, an Ant project committer. Ant in Action introduces Ant and how to use it for test-driven Java application development. Ant itself is moving to v1.7, a major revision, at the end of 2006 so the timing for the book is right. A single application of increasing complexity, followed throughout the book, shows how an application evolves and how to handle the problems of building and testing. Reviewers have praised the book's coverage of large-projects, Ant's advanced features, and the details and depth of the discussion-all unavailable elsewhere. This is a major revision with the second half of

the book completely new, including: How to Manage Big projects Library management Enterprise Java Continuous integration Deployment Writing new Ant tasks and datatypes Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. *Software Engineering Techniques: Design for Quality* IBM Redbooks
 A guide to the project-comprehension tool covers such topics as generating a Maven report, publishing a project site, setting up a Continuous Integration environment, and developing Maven plug-ins.
Ant in Action Packt Publishing Ltd
 Summary Building on the bestselling first edition, EJB 3 in Action, Second Edition tackles EJB 3.2 head-on, through numerous code samples, real-life scenarios, and illustrations. This book is a fast-paced tutorial for Java EE 6 business component development using EJB 3.2, JPA 2, and CDI. Besides covering the basics of EJB 3.2, this book includes in-depth EJB 3.2 internal implementation details, best practices, design patterns, and performance tuning tips. Purchase of the print book includes a free eBook in PDF,

Kindle, and ePub formats from Manning Publications. About the Book The EJB 3 framework provides a standard way to capture business logic in manageable server-side modules, making it easier to write, maintain, and extend Java EE applications. EJB 3.2 provides more enhancements and intelligent defaults and integrates more fully with other Java technologies, such as CDI, to make development even easier. EJB 3 in Action, Second Edition is a fast-paced tutorial for Java EE business component developers using EJB 3.2, JPA, and CDI. It tackles EJB head-on through numerous code samples, real-life scenarios, and illustrations. Beyond the basics, this book includes internal implementation details, best practices, design patterns, performance tuning tips, and various means of access including Web Services, REST Services, and WebSockets. Readers need to know Java. No prior experience with EJB or Java EE is assumed. What's Inside Fully revised for EJB 3.2 POJO persistence with JPA 2.1 Dependency injection and bean management with CDI 1.1 Interactive application with WebSocket 1.0 About the Authors Debu Panda, Reza Rahman, Ryan

Cuprak, and Michael Remijan are seasoned Java architects, developers, authors, and community leaders. Debu and Reza coauthored the first edition of EJB 3 in Action. Table of Contents PART 1 OVERVIEW OF THE EJB LANDSCAPE What's what in EJB 3 A first taste of EJB PART 2 WORKING WITH EJB COMPONENTS Building business logic with session beans Messaging and developing MDBs EJB runtime context, dependency injection, and crosscutting logic Transactions and security Scheduling and timers Exposing EJBs as web services PART 3 USING EJB WITH JPA AND CDI JPA entities Managing entities JPQL Using CDI with EJB 3 PART 4 PUTTING EJB INTO ACTION Packaging EJB 3 applications Using WebSockets with EJB 3 Testing and EJB
A Developer's Notebook McGraw-Hill Osborne Media
 Chris Barney's Pattern Language for Game Design builds on the revolutionary work of architect Christopher Alexander to show students, teachers, and game development professionals how to derive best practices in all aspects of game design. Using a series of practical, rigorous exercises, designers can observe and

analyze the failures and successes of the games they know and love to find the deep patterns that underlie good design. From an in-depth look at Alexander's work, to a critique of pattern theory in various fields, to a new approach that will challenge your knowledge and put it to work, this book seeks to transform how we look at building the interactive experiences that shape us. Key Features: Background on the architectural concepts of patterns and a Pattern Language as defined in the work of Christopher Alexander, including his later work on the Fifteen Properties of Wholeness and Generative Codes. Analysis of other uses of Alexander's work in computer science and game design, and the limitations of those efforts. A comprehensive set of example exercises to help the reader develop their own patterns that can be used in practical day-to-day game design tasks. Exercises that are useful to designers at all levels of experience and can be completed in any order, allowing students to select exercises that match their coursework and allowing professionals to select exercises that address their real-world challenges.

Discussion of common pitfalls and difficulties with the pattern derivation process. A guide for game design teachers, studio leaders, and university departments for curating and maintaining institutional Pattern Languages. An Interactive Pattern Language website where you can share patterns with developers throughout the world (patternlanguageforgamedesign.com). Comprehensive games reference for all games discussed in this book. Author Chris Barney is an industry veteran with more than a decade of experience designing and engineering games such as Poptropica and teaching at Northeastern University. He has spoken at conferences, including GDC, DevCom, and PAX, on topics from core game design to social justice. Seeking degrees in game design before formal game design programs existed, Barney built his own undergraduate and graduate curricula out of offerings in sociology, computer science, and independent study. In pursuit of a broad understanding of games, he has worked on projects spanning interactive theater, live-action role-playing game (LARP) design, board games, and tabletop role-

playing games (RPGs). An extensive collection of his essays of game design topics can be found on his development blog at perspectivesingamedesign.com. *Java Concurrency in Practice* Penny Press Limited
Enterprise Integration Patterns provides an invaluable catalog of sixty-five patterns, with real-world solutions that demonstrate the formidable of messaging and help you to design effective messaging solutions for your enterprise. The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk, SOAP, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book offers a look at emerging standards, as well as insights into what the future of enterprise integration might hold. This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail the advantages and limitations of asynchronous messaging architectures. The authors present practical advice on designing code that connects an

application to a messaging system, and provide extensive information to help you determine when to send a message, how to route it to the proper destination, and how to monitor the health of a messaging system. If you want to know how to manage, monitor, and maintain a messaging system once it is in use, get this book.

Rapid Android App Development Using BASIC IBM Redbooks

Pro Java 7 NIO.2 addresses the three primary elements that offer new input/output (I/O) APIs in Java 7, giving you the skills to write robust, scalable Java applications: An extensive file I/O API system addresses feature requests that developers have sought since the inception of the JDK A socket channel API addresses multicasting, socket binding associated with channels, and related issues An asynchronous I/O API enables mapping to I/O facilities, completion ports, and various I/O event port mechanisms to enhance scalability NIO.2 for the Java platform, known as JSR 203, is a major feature of the new Java JDK 7 under the leadership of Alan Bateman as an OpenJDK project. Take advantage of these exciting

new developments with Pro Java 7 NIO.2. [Maven](#) IBM Redbooks Build scalable microservices with Spring, Docker, and Mesos About This Book Learn how to efficiently build and implement microservices in Spring, and how to use Docker and Mesos to push the boundaries of what you thought possible Examine a number of real-world use cases and hands-on code examples. Distribute your microservices in a completely new way Who This Book Is For If you are a Spring developer and want to build cloud-ready, internet-scale applications to meet modern business demands, then this book is for you Developers will understand how to build simple Restful services and organically grow them to truly enterprise grade microservices ecosystems. What You Will Learn Get to know the microservices development lifecycle process See how to implement microservices governance Familiarize yourself with the microservices architecture and its benefits Use Spring Boot to develop microservices Find out how to avoid common pitfalls when developing microservices Be introduced to end-to-end microservices written in Spring

Framework and Spring Boot In Detail The Spring Framework is an application framework and inversion of the control container for the Java platform. The framework's core features can be used by any Java application, but there are extensions to build web applications on top of the Java EE platform. This book will help you implement the microservice architecture in Spring Framework, Spring Boot, and Spring Cloud. Written to the latest specifications of Spring, you'll be able to build modern, Internet-scale Java applications in no time. We would start off with the guidelines to implement responsive microservices at scale. We will then deep dive into Spring Boot, Spring Cloud, Docker, Mesos, and Marathon. Next you will understand how Spring Boot is used to deploy autonomous services, server-less by removing the need to have a heavy-weight application server. Later you will learn how to go further by deploying your microservices to Docker and manage it with Mesos. By the end of the book, you'll will gain more clarity on how to implement microservices using Spring Framework and use them in Internet-scale deployments through real-

world examples. Style and approach The book follows a step by step approach on how to develop microservices using Spring Framework, Spring Boot, and a set of Spring Cloud components that will help you scale your applications.

Recipes for Scaling Up with Hadoop and Spark Manning Publications

Jython is an open source implementation of the high-level, dynamic, object-oriented scripting language Python seamlessly integrated with the Java platform. The predecessor to Jython, JPython, is certified as 100% Pure Java. Jython is freely available for both commercial and noncommercial use and is distributed with source code. Jython is complementary to Java. The Definitive Guide to Jython, written by the official Jython team leads, covers Jython 2.5 (or 2.5.x)—from the basics to more advanced features. This book begins with a brief introduction to the language and then journeys through Jython's different features and uses. The Definitive Guide to Jython is organized for beginners as well as advanced users of the language. The book provides a general overview of the Jython language itself, but it also includes intermediate and advanced

topics regarding database, web, and graphical user interface (GUI) applications; Web services/SOA; and integration, concurrency, and parallelism, to name a few.

Creating Smart Virtual Appliances with IBM Image Construction and Composition Tool Addison-Wesley

In Secrets of the JavaScript Ninja, JavaScript expert John Resig reveals the inside know-how of the elite JavaScript programmers. Written to be accessible to JavaScript developers with intermediate-level skills. This book takes readers on a journey towards mastering modern JavaScript development in three phases: design, construction, and maintenance. It first establishes a base of strong, advanced JavaScript knowledge. The book then teaches readers how to construct a JavaScript library. It examines all the numerous tasks JavaScript libraries have to tackle and provides practical solutions and development strategies. It then presents the various maintenance techniques required to keep their code running well into the future. With Secrets of the JavaScript Ninja readers will gain the knowledge and Ninja-like skills to build

their own JavaScript libraries, or to understand how to use any modern JavaScript library available. What's inside: Introduction Testing and debugging Functions Closures Function prototypes Timers Regular expressions With statements Code evaluation Strategies for cross-browser code CSS Selector Engine DOM modification Attributes and CSS Events Ajax Animation Performance The C++ Programming Language "O'Reilly Media, Inc."

Expert Oracle Application Express, 2nd Edition is newly updated for APEX 5.0 and brings deep insight from some of the best APEX practitioners in the field today. You'll learn about important features in APEX 5.0, and how those can be applied to make your development work easier and with greater impact on your business. Oracle Application Express (APEX) is an entirely web-based development framework that is built into every edition of Oracle Database. The framework rests upon Oracle's powerful PL/SQL language, enabling power users and developers to rapidly develop applications that easily scale to hundreds, even thousands of concurrent users. APEX has seen meteoric

growth and is becoming the tool of choice for ad-hoc application development in the enterprise. The many authors of Expert Oracle Application Express, 2nd Edition build their careers around APEX. They know what it takes to make the product sing—developing secure applications that can be deployed globally to users inside and outside a large enterprise. The authors come together in this book to share some of their deepest and most powerful insights into solving the difficult problems surrounding globalization, configuration and lifecycle management, and more. New in this edition for APEX 5.0 is coverage of Oracle REST Data Services, map integration, jQuery with APEX, and the new Page Designer. You'll learn about debugging and performance, deep secrets to customizing your application user interface, how to secure applications from intrusion, and about deploying globally in multiple languages. Expert Oracle Application Express, 2nd Edition is truly a book that will move you and your skillset a big step towards the apex of Application Express development. Contains all-new content on Oracle REST Data Services, jQuery in APEX, and map integration

Addresses globalization and other concerns of enterprise-level development Shows how to customize APEX for your own application needs
Data Algorithms Simon and Schuster
 Ant: The Definitive Guide Complete Build Management for Java "O'Reilly Media, Inc."
B4a Packt Publishing Ltd
 The importance of modern computer networks is steadily growing as increasing amounts of data are exchanged over company intranets and the Internet. Understanding current networking technologies and communication protocols that are available for the IBM® mainframe and System z® operating systems is essential for setting up your network infrastructure with IBM z/VSE®. This IBM Redbooks® publication helps you install, tailor, and configure new networking options for z/VSE that are available with TCP/IP for VSE/ESA, IPv6/VSE, and Fast Path to Linux on System z (Linux Fast Path). We put a strong focus on network security and describe how the new OpenSSL-based SSL runtime component can be used to enhance the security of your business. This IBM Redbooks publication extends the information that is

provided in Security on IBM z/VSE, SG24-7691.
Complete Build Management for Java Packt Publishing Ltd
 Hands-On Security in DevOps explores how the techniques of DevOps and Security should be applied together to make cloud services safer. By the end of this book, readers will be ready to build security controls at all layers, monitor and respond to attacks on cloud services, and add security organization-wide through risk management and training.
IBM Wave for z/VM Installation, Implementation, and Exploitation Addison-Wesley Professional
 Want to build apps for Android devices? This book is the perfect way to master the fundamentals. Written by an expert who's taught this mobile platform to hundreds of developers in large organizations, this gentle introduction shows experienced object-oriented programmers how to use Android's basic building blocks to create user interfaces, store data, connect to the network, and more. You'll build a Twitter-like application throughout the course of this book, adding new features with each chapter. Along the way, you'll also create

your own toolbox of code patterns to help you program any type of Android application with ease. Get an overview of the Android platform and discover how it fits into the mobile ecosystem Learn about the Android stack, including its application framework, and the structure and distribution of application packages (APK) Set up your Android development environment and get started with simple programs Use Android's building blocks—Activities, Intents, Services, Content Providers, and Broadcast Receivers Learn how to build basic Android user interfaces and organize UI elements in Views and Layouts Build a service that uses a background process to update data in your application Get an introduction to Android Interface Definition Language (AIDL) and the Native Development Kit (NDK)

[Java SE 8 for the Really Impatient](#) Simon and Schuster

Summary Camel in Action, Second Edition is the most complete Camel book on the market. Written by core developers of Camel and the authors of the highly acclaimed first edition, this book distills their experience and practical insights so

that you can tackle integration tasks like a pro. Forewords by James Strachan and Dr. Mark Little Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Apache Camel is a Java framework that implements enterprise integration patterns (EIPs) and comes with over 200 adapters to third-party systems. A concise DSL lets you build integration logic into your app with just a few lines of Java or XML. By using Camel, you benefit from the testing and experience of a large and vibrant open source community. About the Book Camel in Action, Second Edition is the definitive guide to the Camel framework. It starts with core concepts like sending, receiving, routing, and transforming data. It then goes in depth on many topics such as how to develop, debug, test, deal with errors, secure, scale, cluster, deploy, and monitor your Camel applications. The book also discusses how to run Camel with microservices, reactive systems, containers, and in the cloud. What's Inside Coverage of all relevant EIPs Camel microservices with Spring Boot Camel on Docker and Kubernetes Error handling,

testing, security, clustering, monitoring, and deployment Hundreds of examples in Java and XML About the Reader Readers should be familiar with Java. This book is accessible to beginners and invaluable to experts. About the Author Claus Ibsen is a senior principal engineer working for Red Hat specializing in cloud and integration. He has worked on Apache Camel for the last nine years where he heads the project. Claus lives in Denmark. Jonathan Anstey is an engineering manager at Red Hat and a core Camel contributor. He lives in Newfoundland, Canada. Table of Contents Part 1 - First steps Meeting Camel Routing with Camel Part 2 - Core Camel Transforming data with Camel Using beans with Camel Enterprise integration patterns Using components Part 3 - Developing and testing Microservices Developing Camel projects Testing RESTful web services Part 4 - Going further with Camel Error handling Transactions and idempotency Parallel processing Securing Camel Part 5 - Running and managing Camel Running and deploying Camel Management and monitoring Part 6 - Out in the wild Clustering Microservices with Docker and

Kubernetes Camel tooling Bonus online chapters Available at <https://www.manning.com/books/camel-in-action-second-edition> and in electronic versions of this book: Reactive Camel Camel and the IoT by Henryk Konsek **IBM CloudBurst on System x** Apress Applications in enterprises need to communicate, most commonly done by messaging. Apache ActiveMQ is an open-source implementation of the Java Message Service (JMS), which provides messaging in Java applications. ActiveMQ in Action is a thorough, practical guide to implementing message-oriented systems using ActiveMQ and Java. Co-authored by one of the leading ActiveMQ developers, Bruce Snyder, the book starts with the anatomy of a core Java message, then moves quickly through fundamentals including data persistence, authentication and authorization. Later chapters cover advanced features such as configuration and performance tuning, illustrating each concept with a running real-world stock portfolio application. Readers will learn to integrate ActiveMQ with Apache Geronimo and JBoss, and tie into both Java and non-Java technologies including AJAX, .NET,

C++, Ruby, and the Spring framework. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Learning Android Simon and Schuster Would you like to use a consistent visual notation for drawing integration solutions? "Look inside the front cover." Do you want to harness the power of asynchronous systems without getting caught in the pitfalls? "See "Thinking Asynchronously" in the Introduction." Do you want to know which style of application integration is best for your purposes? "See Chapter 2, Integration Styles." Do you want to learn techniques for processing messages concurrently? "See Chapter 10, Competing Consumers and Message Dispatcher." Do you want to learn how you can track asynchronous messages as they flow across distributed systems? "See Chapter 11, Message History and Message Store." Do you want to understand how a system designed using integration patterns can be implemented using Java Web services, .NET message queuing, and a TIBCO-based publish-subscribe architecture? "See Chapter 9, Interlude: Composed

Messaging." Utilizing years of practical experience, seasoned experts Gregor Hohpe and Bobby Woolf show how asynchronous messaging has proven to be the best strategy for enterprise integration success. However, building and deploying messaging solutions presents a number of problems for developers. "Enterprise Integration Patterns " provides an invaluable catalog of sixty-five patterns, with real-world solutions that demonstrate the formidable of messaging and help you to design effective messaging solutions for your enterprise. The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk, SOAP, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book offers a look at emerging standards, as well as insights into what the future of enterprise integration might hold. This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail the advantages and limitations of asynchronous messaging architectures.

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Java Development with Ant Manning Publications

Soon after its launch, Ant succeeded in taking the Java world by storm, becoming the most widely used tool for building applications in Java environments. Like most popular technologies, Ant quickly went through a series of early revision cycles. With each new version, more functionality was added, and more complexity was introduced. Ant evolved

from a simple-to-learn build tool into a full-fledged testing and deployment environment. Ant: The Definitive Guide has been reworked, revised and expanded upon to reflect this evolution. It documents the new ways that Ant is being applied, as well as the array of optional tasks that Ant supports. In fact, this new second edition covers everything about this extraordinary build management tool from downloading and installing, to using Ant to test code. Here are just a few of the features you'll find detailed in this comprehensive, must-have guide: Developing conditional builds, and handling error conditions Automatically retrieving source code from version control systems Using Ant with XML files Using Ant with JavaServer Pages to build Web applications Using Ant with Enterprise JavaBeans to build enterprise applications Far exceeding its predecessor in terms of

information and detail, Ant: The Definitive Guide, 2nd Edition is a must-have for Java developers unfamiliar with the latest advancements in Ant technology. With this book at your side, you'll soon be up to speed on the premiere tool for cross-platform development. Author Steve Holzner is an award-winning author who has been writing about Java topics since the language first appeared; his books have sold more than 1.5 million copies worldwide.

Tomcat: The Definitive Guide Pearson Education

MongoDB Fundamentals will get you started using MongoDB for data processing in a cloud computing environment. Starting with the fundamentals of NoSQL, you'll build up to learning advanced data manipulation techniques and application development with the help of hands-on case-studies.