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ZENworks 6.5 Suite Administrator's Handbook Brad Dayley 2004-12-09 Novell ZENworks 6.5 is a comprehensive set of integrated tools that automate IT management and business processes across the lifecycle of desktops, laptops, servers and handhelds across diverse server and client platforms. The Novell ZENworks 6.5 Suite Administrator's Handbook is a solid reference guide to all the new features of ZENworks 6.5. It includes descriptions of all the ZENworks 6.5 components, as well as the new features from the merged products. Packed with detailed information on how to install, efficiently use and troubleshoot ZENworks 6.5 in an enterprise environment, Novell ZENworks 6.5 Suite Administrator's Handbook is sure to be the only guide you need to maximize your ZENworks 6.5 experience.
*Mastering IBM WebSphere Portal Ron Ben-Natan 2004-11-02 Maximize on the power of WebSphere Portal to build and deployportals If you use, develop, manage, or administer WebSphere applications,you are probably already building or managing Web portals-or wellon your way to doing so. With this comprehensive book, you'lldiscover how these portals bring together important functions suchas integration, presentation, organization, andcustomizations-functions needed in every complex applicationenvironment. The unparalleled author team of experts offers youin-depth insight on mastering the complex aspects of WebSpherePortal, walking you through every facet from installing todeployment. Mastering IBM WebSphere Portal focuses on not only the portal as aserver, but also how it interacts with components such as LDAPservers, enterprise applications, mobile devices, and even otherportals. The authors begin with an introduction to the WebSphereproduct family and then explore such topics as: * Installing and customizing the portal, as well as migratingexisting environments to version 5 * Defining portlets, pages, and user interface properties * Applying personalization, collaboration, search, and document andcontent management within WebSphere Portal v. 5 * Using high availability, security and single sign-on, identitymanagement, Web services, and enterprise applications * Setting up a portal in a high-availability environment andintegrating external applications into WebSphere Portal The companion Web site, www.wiley.com/compbooks/ben-natan, presentsall the code in the book as well as links to vendors and sources ofinformation pertaining to WebSphere Portal.*
Sun Web Server William Nelson 2009-08-13 Sun Web Server: The Essential Guide William Nelson •Arvind Srinivasan •Murthy Chintalapati (CVR) Foreword by Scott G. McNealy The authoritative, comprehensive guide to Sun Web Server 7.0 Sun Web Server is the secure web serving platform of choice for large-scale enterprises in industries from finance and telecommunications to travel and government. Now there's a complete, detailed guide to the latest Sun Web Server 7.0 release. Drawing on unsurpassed experience both training and supporting Sun's enterprise customers, this book's authors cover everything that developers, administrators, and architects need to know to implement and support Sun Web Server 7.0 within a single node or across an entire server farm. Server administrators will find task-focused coverage and hands-on examples for installation, configuration, cluster management, monitoring, and troubleshooting. Developers and architects will gain powerful insights into Sun Web Server's internals and learn how to extend its built-in functionality. Enterprise deployment specialists will find indispensable information on sizing and tuning, plus reference configurations to deploy advanced Web 2.0–style dynamic web sites. Whatever your role, this book will help you hit the ground running and get superior results for years to come. Coverage includes •Taking advantage of Sun Web Server 7.0's powerful new features •Walking through initial installations and upgrades •Customizing Sun Web Server's HTTP request processing to your specific requirements •Building dynamic content with scripting languages and server-side Java-based extensions •Creating secure dynamic Web 2.0 sites with your dynamic content and database technologies of choice •Monitoring server instances in live production environments and optimizing performance •Resolving server errors and other anomalies in Web Server runtime behavior •Using actual server configuration files from Sun's own large-scale technology deployments •Using the

detailed reference information on Sun Web Server's main server configuration file About the Web Site This book's companion web site, www.sunwebserver.com, contains FAQs, errata, answers to self-paced exercises, and links to download locations and product forums.

Learn Docker - .NET Core, Java, Node.JS, PHP or Python Arnaud Weil 2019-03 You're a developer who knows nothing to Docker. Which is fine, except that you need to create and run your first containerized application using Docker. Don't worry: I have you covered. I've been training hundreds of developers like you during 17 years, and converted my experience into this book. I know from experience teaching what takes more time to learn in Docker, and will spend time only where appropriate. Plus this book is packed with exercises and samples where you run your own containers and create your own Docker images. Read this book, and you can create and run your first containerized application using Docker within a week.

Beginning Java 7 Jeff Friesen 2012-01-24 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).

Core Java 1.1: Advanced features Cay S. Horstmann 1997

Pro Java 9 Games Development Wallace Jackson 2017-11-14 Use Java 9 and JavaFX 9 to write 3D games for the latest consumer electronics devices. Written by open source gaming expert Wallace Jackson, this book uses Java 9 and NetBeans 9 to add leading-edge features, such as 3D, textures, animation, digital audio, and digital image compositing to your games. Along the way you'll learn about game design, including game design concepts, genres, engines, and UI design techniques. To completely master Java 3D game creation, you will combine this knowledge with a number of JavaFX 9 topics, such as

scene graph hierarchy; 3D scene configuration; 3D model design and primitives; model shader creation; and 3D game animation creation. With these skills you will be able to take your 3D Java games to the next level. The final section of Pro Java 9 Games Development puts the final polish on your abilities. You'll see how to add AI logic for random content selection methods; harness a professional scoring engine; and player-proof your event handling. After reading Pro Java 9 Games Development, you will come away with enough 3D expertise to design, develop, and build your own professional Java 9 games, using JavaFX 9 and the latest new media assets. What You'll Learn Design and build professional 3D Java 9 games, using NetBeans 9, Java 9, and JavaFX 9 Integrate new media assets, such as digital imagery and digital audio Integrate the new JavaFX 9 multimedia engine API Create an interactive 3D board game, modeled, textured, and animated using JavaFX Optimize game assets for distribution, and learn how to use the Java 9 module system Who This Book Is For Experienced Java developers who may have some prior game development experience. This book can be for experienced game developers new to Java programming.

Mastering Java 11 Dr. Edward Lavieri 2018-09-27 Update your Java knowledge with the latest features of Java 11, such as the low-Overhead Garbage Collector, Local-Variable Syntax for Lambda Parameters, and Dynamic Class-File Constants Key FeaturesExplore the latest features in Java 9,Java 10, and Java 11Enhance your Java application development and migration approaches Full coverage of modular Java applications, G1 Garbage Collector, JMHBook Description Java 11 is a long-term release and its new features add to the richness of the language. It emphasizes variable-type inference, performance improvements, along with simplified multithreading. The Java platform has a special emphasis on modularity, making this the programming platform of choice for millions of developers. The modern Java platform can be used to build robust software applications, including enterprise-level and mobile applications. Fully updated for Java 11, this book stands to help any Java developer enjoy the richness of the Java programming language. Mastering Java 11 is your one-stop guide to fully understanding recent Java platform updates. It contains detailed explanations of the recent features introduced in Java 9, Java 10, and Java 11 along with obtaining practical guidance on how to apply the new features. As you make your way through the chapters, you'll discover further information on the developments of the Java platform and learn about the changes introduced by the variable handles and Project Coin, along with several enhancements in relation to import statements processing. In the concluding chapters, you'll learn to improve your development productivity, making your applications more efficient. You'll also be able to get to grips with the command-line flags with respect to various utilities and the command-line utility changes featured in the current Java platform. By the end of the book, you'll have obtained an advanced level understanding of the Java platform and its recent changes. What you will learnWrite modular Java applicationsMigrate existing Java applications to modular onesUnderstand how the default G1 garbage collector worksLeverage the possibilities provided by the newly introduced Java ShellPerformance test your application effectively with the JVM harnessLearn how Java supports the HTTP 2.0 standardFind out how to use the new Process APIExplore the additional enhancements and features of Java 9, 10, and 11Who this book is for Mastering Java 11 is for experienced Java developers with a solid understanding of the Java language and want to progress to an advanced level.

PCs: The Missing Manual David A. Karp 2005-12-23 Your vacuum comes with one. Even your blender comes with one. But your PC--something that costs a whole lot more and is likely to be used daily and for tasks of far greater importance and complexity--doesn't come with a printed manual. Thankfully, that's not a problem any longer: PCs: The Missing Manual explains everything you need to know about PCs, both inside and out, and how to keep them running smoothly and working the way you want them to work. A complete PC manual for both beginners and power users, PCs: The Missing Manual has something for everyone. PC novices will appreciate the unassuming, straightforward tutorials on PC basics, such as hooking up a monitor, keyboard, mouse, printer, and scanner. Families will enjoy sections on networking several computers to share an Internet connection, sharing one monitor between two PCs, connecting portable media players, and creating a home theater system. Adventurous PC users will like the clear photos explaining how to take your PC apart and replace or upgrade any failing parts; IT professionals will be grateful to have something to hand to their coworkers who need solid, trusted information about using their PC. In PCs: The Missing Manual, bestselling computer author Andy Rathbone delivers simple, reliable advice on the kinds of things PC users confront every day. He shows you how to connect and configure today's must-have devices (including digital cameras, portable music players, digital camcorders, and keychain drives); burn CDs and DVDs; scan and fax documents, and more. His section on the Internet explains how to choose the best Internet Service Provider and web browser for your needs; send email; find information quickly on the Web; share photos online; set up a blog; set up a webcam; access TV and radio through the Internet; and shop safely online. And Rathbone delivers plenty of guidance on keep your privacy and your PC safe by installing firewalls, creating safe passwords, running antivirus software, removing spyware and adware, and backing up important files.

OSGi and Equinox Jeff McAffer 2010-02-15 A Hands-On Guide to Equinox and the OSGi Framework In OSGI and Equinox: Creating Highly Modular Java™ Systems , three leading experts show developers—for the first time—exactly how to make the most of these breakthrough technologies for building highly modular dynamic systems. You'll quickly get started with Eclipse bundle tooling, create your first OSGi-based system, and move rapidly to sophisticated production development.

Next, you'll master best practices and techniques for creating systems with exceptional modularity and maintainability. You'll learn all about OSGi's Declarative Services and how to use them to solve a wide variety of real-world problems. Finally, you'll see everything that you've learned implemented in a complete case study project that takes you from early prototype through application delivery. For every Eclipse developer, regardless of previous experience, this book Combines a complete hands-on tutorial, online sample code at every step, and deep technical dives for working developers Covers the OSGi programming model, component development, OSGi services, Eclipse bundle tooling, server-side Equinox, and much more Offers knowledge, guidance, and best practices for overcoming the complexities of building modular systems Addresses practical issues ranging from integrating third-party code libraries to server-side programming Includes a comprehensive case study that goes beyond prototyping to deliver a fully refined and refactored production system Whatever your application, industry, or problem domain, if you want to build state-of-the-art software systems with OSGi and Equinox, you will find this book to be an essential resource.

Implementing Domain-Specific Languages with Xtext and Xtend Lorenzo Bettini 2016-08-31 Learn how to implement a DSL with Xtext and Xtend using easy-to-understand examples and best practices About This Book Leverage the latest features of Xtext and Xtend to develop a domain-specific language. Integrate Xtext with popular third party IDEs and get the best out of both worlds. Discover how to test a DSL implementation and how to customize runtime and IDE aspects of the DSL Who This Book Is For This book is targeted at programmers and developers who want to create a domain-specific language with Xtext. They should have a basic familiarity with Eclipse and its functionality. Previous experience with compiler implementation can be helpful but is not necessary since this book will explain all the development stages of a DSL. What You Will Learn Write Xtext grammar for a DSL; Use Xtend as an alternative to Java to write cleaner, easier-to-read, and more maintainable code; Build your Xtext DSLs easily with Maven/Tycho and Gradle; Write a code generator and an interpreter for a DSL; Explore the Xtext scoping mechanism for symbol resolution; Test most aspects of the DSL implementation with JUnit; Understand best practices in DSL implementations with Xtext and Xtend; Develop your Xtext DSLs using Continuous Integration mechanisms; Use an Xtext editor in a web application In Detail Xtext is an open source Eclipse framework for implementing domain-specific languages together with IDE functionalities. It lets you implement languages really quickly; most of all, it covers all aspects of a complete language infrastructure, including the parser, code generator, interpreter, and more. This book will enable you to implement Domain Specific Languages (DSL) efficiently, together with their IDE tooling, with Xtext and Xtend. Opening with brief coverage of Xtext features involved in DSL implementation, including integration in an IDE, the book will then introduce you to Xtend as this language will be used in all the examples throughout the book. You will then explore the typical programming development workflow with Xtext when we modify the grammar of the DSL. Further, the Xtend programming language (a fully-featured Java-like language tightly integrated with Java) will be introduced. We then explain the main concepts of Xtext, such as validation, code generation, and customizations of runtime and UI aspects. You will have learned how to test a DSL implemented in Xtext with JUnit and will progress to advanced concepts such as type checking and scoping. You will then integrate the typical Continuous Integration systems built in to Xtext DSLs and familiarize yourself with Xbase. By the end of the book, you will manually maintain the EMF model for an Xtext DSL and will see how an Xtext DSL can also be used in IntelliJ. Style and approach A step-by step-tutorial with illustrative examples that will let you master using Xtext and implementing DSLs with its custom language, Xtend.

Java SE 8 for the Really Impatient Cay S. Horstmann 2014 This book concisely introduces Java 8's most valuable new features, including lambda expressions (closures) and streams. If you're an experienced Java programmer, the author's practical insights and sample code will help you quickly take advantage of these and other Java language and platform improvements.

Learning Puppet for Windows Server Fuat Ulugay 2015-08-24 Organize your Windows environment using Puppet tools to unload administrative burdens in a short time! About This Book Learn to install and implement a Puppet server for Windows administration Script Puppet manifests, functions, templates and facts for Windows A step-by-step guide that helps you to make your Windows environment more secure with Puppet Who This Book Is For This book is for Windows administrators who are looking for ways to automate management tasks of Windows servers and clients. Prior experience in Windows administration and a basic knowledge of Linux and Puppet will help you create wonders using this book. What You Will Learn Install Puppet on a Windows server and Foreman interface to have a user-friendly Puppet working environment Discover how to install Puppet agents to single or multiple computers and get your hosts connected to Puppetmaster in one shot Understand all about creating modules, writing manifests, managing files, services and, users in Puppet Learn how to install Puppet Forge modules to complete tasks such as registry management, ACL, and firewall. Explore the usage of Puppet facts, functions and modules to have a deeper understanding of how Puppet functions Manage installation and updates of third party software using Puppet with Chocolatey to completely forgo the manual update chores in your daily plan Use Puppet for Windows security to have a more secure environment In Detail Puppet is a configuration management tool. It allows you to automate all your IT configurations by giving you control of what you do to each "node" (Puppet agent), focusing also on when and how you do it. In context, Puppet is a cross-platform tool that is widely used for Unix-like and

Microsoft Windows systems declaratively. However, it has been used more popularly for Unix-like systems. This book provides insights into using Puppet for Windows administration tasks such as server setup, application updates, and service management. This book kicks off with the fundamentals of Puppet by helping you with the installation of Puppet on a Windows server and progresses with the introduction of the Foreman interface for managing Puppet nodes. Next, you deal with the installation of Puppet agents on multiple clients and how to connect them to your Puppet server by grouping your nodes for easy management. You then become familiarized with the scripting of Puppet manifests along with an understanding of the module structure in Puppet. You further move on to the installation of Puppet Forge Modules and their usage in Windows along with advanced topics such as facts, functions and templates. Moreover, you also venture into the security aspects for Windows by gaining insights into various security settings that will make your server and clients more secure from hackers using different attack vectors. You will also use Puppet and Chocolatey to install and update software. You finally round off by learning how to check the details of reporting and status monitoring along with the automation of installing and updating software for multiple Windows clients arming you with ample artillery to tame Puppet for your future projects. Style and approach This book uses a step-by-step and easy-to-learn approach that helps make your Windows environment manageable with Puppet. Each chapter is explained in detail and with many screenshots. Almost all the scenarios and examples are taken from real-world scenarios.

 Metalevel Architectures and Separation of Crosscutting Concerns Akinori Yonezawa 2003-06-30 This volume constitutes the proceedings of REFLECTION 2001, the Third Int- national Conference on Metalevel Architectures and Separation of Crosscutting Concerns, which was held in Kyoto, September 25-28, 2001. Metalevel architectures and re?ection have drawn the attention of researchers and practitioners throughout computer science. Re?ective and metalevel te- niques are being used to address real-world problems in such areas as: progr- ming languages, operating systems, databases, distributed computing, expert systems and web computing. Separation of concerns has been a guiding principle of software engineering for nearly 30 years, but its known bene?ts are seldom fully achieved in practice. This is primarily because traditional mechanisms are not powerful enough to handle many kinds of concerns that occur in practice. Over the last 10 years, to overcome the limitations of traditional frameworks, many researchers, including several from the re?ection community, have proposed new approaches. For the ?rst time, papers on advanced approaches to separation of concerns were explicitly solicited. Following the success of previous conferences such as IMSA'92 in Tokyo, Re?ection'96 in San Francisco, and Re?ection'99 in Saint Malo, we hope that the conference provided an excellent forum for researchers with a broad range of interests in metalevel architectures, re?ective techniques, and separation of concerns in general.

 Static Analysis Agostino Cortesi 2003-07-31 Static analysis is increasingly recognized as a fundamental reasearch area aimed at studying and developing tools for high performance implementations and v- i cation systems for all programming language paradigms. The last two decades have witnessed substantial developments in this eld, ranging from theoretical frameworks to design, implementation, and application of analyzers in optim- ing compilers. Since 1994, SAS has been the annual conference and forum for researchers in all aspects of static analysis. This volume contains the proceedings of the 6th International Symposium on Static Analysis (SAS'99) which was held in Venice, Italy, on 22{24 September 1999. The previous SAS conferences were held in Namur (Belgium), Glasgow (UK), Aachen (Germany), Paris (France), and Pisa (Italy). The program committee selected 18 papers out of 42 submissions on the basis of at least three reviews. The resulting volume o ers to the reader a complete landscape of the research in this area. The papers contribute to the following topics: foundations of static analysis, abstract domain design, and applications of static analysis to di erent programming paradigms (concurrent, synchronous, imperative, object oriented, logical, and functional). In particular, several papers use static analysis for obtaining state space reduction in concurrent systems. New application elds are also addressed, such as the problems of security and secrecy.

 Meta-level Architectures and Reflection 2001

 Network Defense and Countermeasures William (Chuck) Easttom II 2013-10-18 Everything you need to know about modern network attacks and defense, in one book Clearly explains core network security concepts, challenges, technologies, and skills Thoroughly updated for the latest attacks and countermeasures The perfect beginner's guide for anyone interested in a network security career ¿ Security is the IT industry's hottest topic–and that's where the hottest opportunities are, too. Organizations desperately need professionals who can help them safeguard against the most sophisticated attacks ever created–attacks from well-funded global criminal syndicates, and even governments. ¿ Today, security begins with defending the organizational network. Network Defense and Countermeasures, Second Edition is today's most complete, easy-to-understand introduction to modern network attacks and their effective defense. From malware and DDoS attacks to firewalls and encryption, Chuck Easttom blends theoretical foundations with up-to-the-minute best-practice techniques. Starting with the absolute basics, he discusses crucial topics many security books overlook, including the emergence of network-based espionage and terrorism. ¿ If you have a basic understanding of networks, that's all the background you'll need to succeed with this book: no math or advanced computer science is required. You'll find projects, questions, exercises, case studies, links to expert resources, and a complete glossary–all designed to deepen your understanding and prepare you to defend real-

world networks. ¿ Learn how to Understand essential network security concepts, challenges, and careers Learn how modern attacks work Discover how firewalls, intrusion detection systems (IDS), and virtual private networks (VPNs) combine to protect modern networks Select the right security technologies for any network environment Use encryption to protect information Harden Windows and Linux systems and keep them patched Securely configure web browsers to resist attacks Defend against malware Define practical, enforceable security policies Use the "6 Ps" to assess technical and human aspects of system security Detect and fix system vulnerability Apply proven security standards and models, including Orange Book, Common Criteria, and Bell-LaPadula Ensure physical security and prepare for disaster recovery Know your enemy: learn basic hacking, and see how to counter it Understand standard forensic techniques and prepare for investigations of digital crime ¿

Digital Libraries and Archives Maristella Agosti 2013-01-03 This book constitutes the thoroughly refereed proceedings of the 8th Italian Research Conference on Digital Libraries, held in Bari, Italy, in February 2012. The 22 full papers, included together with 4 panel papers, were selected from extended versions of the presentations given at the conference, following an additional round of reviewing and revision after the event. The topics covered are as follows: legacy documents and cultural heritage; systems interoperability and data integration; formal and methodological foundations of digital libraries; semantic web and linked data for digital libraries; multilingual information access; digital library infrastructures; metadata creation and management; search engines for digital library systems; evaluation and log data; handling audio/visual and non-traditional objects; user interfaces and visualization; digital library quality; policies and copyright issues in digital libraries; scientific data curation, citation and scholarly publication, user behavior and modeling; and preservation and curation.

Novell ZENworks for Servers 3 Administrator's Handbook Brad Dayley 2003-04-10 Novell ZENworks for Servers (ZENworks stands for Zero Effort Networking) is the cross-platform solution for server content and configuration management. It provides server consistency across Windows, Linux, Solaris and NetWare platforms, enables intelligent network automation, and increases management efficiency so everything works together as on Net. As a result, organizations get a stable server environment and significantly reduce networking costs. Novell¿s ZENworks for Server 3 Administrator¿s Handbook guides the reader through the potential rough spots. It explains how ZENworks for Server 3 functions and affects NetWare, Windows, Linux and/or Solaris networks.

Cisco NAC Appliance Jamey Heary 2007-08-06 Cisco NAC Appliance Enforcing Host Security with Clean Access Authenticate, inspect, remediate, and authorize end-point devices using Cisco NAC Appliance Jamey Heary, CCIE® No. 7680 Contributing authors: Jerry Lin, CCIE No. 6469, Chad Sullivan, CCIE No. 6493, and Alok Agrawal With today's security challenges and threats growing more sophisticated, perimeter defense alone is no longer sufficient. Few organizations are closed entities with well-defined security perimeters, which has led to the creation of perimeterless networks with ubiquitous access. Organizations need to have internal security systems that are more comprehensive, pervasive, and tightly integrated than in the past. Cisco® Network Admission Control (NAC) Appliance, formerly known as Cisco Clean Access, provides a powerful host security policy inspection, enforcement, and remediation solution that is designed to meet these new challenges. Cisco NAC Appliance allows you to enforce host security policies on all hosts (managed and unmanaged) as they enter the interior of the network, regardless of their access method, ownership, device type, application set, or operating system. Cisco NAC Appliance provides proactive protection at the network entry point. Cisco NAC Appliance provides you with all the information needed to understand, design, configure, deploy, and troubleshoot the Cisco NAC Appliance solution. You will learn about all aspects of the NAC Appliance solution including configuration and best practices for design, implementation, troubleshooting, and creating a host security policy. Jamey Heary, CCIE® No. 7680, is a security consulting systems engineer at Cisco, where he works with its largest customers in the northwest United States. Jamey joined Cisco in 2000 and currently leads its Western Security Asset team and is a field advisor for its U.S. Security Virtual team. His areas of expertise include network and host security design and implementation, security regulatory compliance, and routing and switching. His other certifications include CISSP, CCSP®, and Microsoft MCSE. He is also a Certified HIPAA Security Professional. He has been working in the IT field for 13 years and in IT security for 9 years. Understand why network attacks and intellectual property losses can originate from internal network hosts Examine different NAC Appliance design options Build host security policies and assign the appropriate network access privileges for various user roles Streamline the enforcement of existing security policies with the concrete measures NAC Appliance can provide Set up and configure the NAC Appliance solution Learn best practices for the deployment of NAC Appliance Monitor, maintain, and troubleshoot the Cisco NAC Appliance solution This security book is part of the Cisco Press® Networking Technology Series. Security titles from Cisco Press help networking professionals secure critical data and resources, prevent and mitigate network attacks, and build end-to-end self-defending networks. Category: Cisco Press–Security Covers: End-Point Security

Rational Application Developer V7.5 Programming Guide Ueli Wahli 2009-06-29 IBM® Rational® Application Developer for WebSphere® Software v7.5 (Application Developer, for short) is the full function Eclipse 3.4 based development platform for developing JavaTM Standard Edition Version 6 (Java SE 6) and Java Enterprise Edition Version 5 (Java EE 5)

applications with a focus on applications to be deployed to IBM WebSphere Application Server and IBM WebSphere Portal. Rational Application Developer provides integrated development tools for all development roles, including Web developers, Java developers, business analysts, architects, and enterprise programmers. Rational Application Developer is part of the IBM Rational Software Delivery Platform (SDP), which contains products in four life cycle categories: - Architecture management, which includes integrated development environments - Change and release management - Process and portfolio management - Quality management This IBM RedbooksTM publication is a programming guide that highlights the features and tooling included with Rational Application Developer v7.5. Many of the chapters provide working examples that demonstrate how to use the tooling to develop applications, as well as achieve the benefits of visual and rapid application development. This publication is an update of Rational Application Developer V7 Programming Guide, SG24-7501.

Core Java 1.2 Cay S. Horstmann 1999

Spark Ilya Ganelin 2016-03-28 Production-targeted Spark guidance with real-world use cases Spark: Big Data Cluster Computing in Production goes beyond general Spark overviews to provide targeted guidance toward using lightning-fast big-data clustering in production. Written by an expert team well-known in the big data community, this book walks you through the challenges in moving from proof-of-concept or demo Spark applications to live Spark in production. Real use cases provide deep insight into common problems, limitations, challenges, and opportunities, while expert tips and tricks help you get the most out of Spark performance. Coverage includes Spark SQL, Tachyon, Kerberos, ML Lib, YARN, and Mesos, with clear, actionable guidance on resource scheduling, db connectors, streaming, security, and much more. Spark has become the tool of choice for many Big Data problems, with more active contributors than any other Apache Software project. General introductory books abound, but this book is the first to provide deep insight and real-world advice on using Spark in production. Specific guidance, expert tips, and invaluable foresight make this guide an incredibly useful resource for real production settings. Review Spark hardware requirements and estimate cluster size Gain insight from real-world production use cases Tighten security, schedule resources, and fine-tune performance Overcome common problems encountered using Spark in production Spark works with other big data tools including MapReduce and Hadoop, and uses languages you already know like Java, Scala, Python, and R. Lightning speed makes Spark too good to pass up, but understanding limitations and challenges in advance goes a long way toward easing actual production implementation. Spark: Big Data Cluster Computing in Production tells you everything you need to know, with real-world production insight and expert guidance, tips, and tricks.

Hibernate Tips Thorben Janssen 2018-01-09 When you use Hibernate in your projects, you quickly recognize that you need to do more than just add @Entity annotations to your domain model classes. Real-world applications often require advanced mappings, complex queries, custom data types and caching. Hibernate can do all of that. You just have to know which annotations and APIs you need to use. Hibernate Tips - More than 70 solutions to common Hibernate problems shows you how to efficiently implement your persistence layer with Hibernate's basic and advanced features. Each Hibernate Tip consists of one or more code samples and an easy to follow step-by-step explanation. You can also download an example project with executable test cases for each Hibernate Tip. Throughout this book, you will get more than 70 ready-to-use solutions that show you how to: - Define standard mappings for basic attributes and entity associations. - Implement your own attribute mappings and support custom data types. - Use Hibernate's Java 8 support and other proprietary features. - Read data from the database with JPQL, Criteria API, and native SQL queries. - Call stored procedures and database functions. This book is for developers who are already working with Hibernate and who are looking for solutions for their current development tasks. It's not a book for beginners who are looking for extensive descriptions of Hibernate's general concepts. The tips are designed as self-contained recipes which provide a specific solution and can be accessed when needed. Most of them contain links to related tips which you can follow if you want to dive deeper into a topic or need a slightly different solution. There is no need to read the tips in a specific order. Feel free to read the book from cover to cover or to just pick the tips that help you in your current project.

Core Java Gary Cornell 1997 Software -- Programming Languages.

Practical Object-Oriented Development in C++ and Java Cay S. Horstmann 1997-04-21 Practical OO development tips for the C++ and Java programmer Practical Object-Oriented Development in C++ and Java offers advice on real-world ways to use these powerful programming languages and techniques. Using the Unified Modeling Language (UML) methodology, expert Cay S. Horstmann gives you clear, concise explanations of object-oriented design, C++, and Java in a way that makes these potentially daunting operations more accessible than they've ever been before. Horstmann compares and contrasts features of C++ and Java to give you a deeper understanding of OO design. He separates the genuinely useful C++, Java, and UML features from the less effective and potentially harmful ones. Horstmann shows you how to determine the best programming practice for whatever application you're in; provides the kind of eye-opening design tips and style rules that can only come from experience; and demystifies advanced topics like frameworks and object persistence. Dozens of illuminating programming examples are readily accessible through the accompanying Web site. Useful code is available for smart pointers, easy output formatting in C++ and Java, a set of classes that makes STL safe to use, and a nifty utility that

*automatically extracts header files. This unique book: * Offers over 100 practical design hints for good class design * Covers the essential OO features of Java 1.1-like serialization and reflection * Uses the C++ Standard Template Library (STL) throughout * Covers CRC cards in addition to UML*

Microsoft Visual J++ 6.0 Programmer's Guide Microsoft Press 1998 A guide to using the Visual J++ development tool with instructions on using the interface, advanced tools, and wizards in the Microsoft application

<u>Malicious Mobile Code</u> Roger A. Grimes 2001-08-14 Malicious mobile code is a new term to describe all sorts of destructive programs: viruses, worms, Trojans, and rogue Internet content. Until fairly recently, experts worried mostly about computer viruses that spread only through executable files, not data files, and certainly not through email exchange. The Melissa virus and the Love Bug proved the experts wrong, attacking Windows computers when recipients did nothing more than open an email. Today, writing programs is easier than ever, and so is writing malicious code. The idea that someone could write malicious code and spread it to 60 million computers in a matter of hours is no longer a fantasy. The good news is that there are effective ways to thwart Windows malicious code attacks, and author Roger Grimes maps them out inMalicious Mobile Code: Virus Protection for Windows. His opening chapter on the history of malicious code and the multi-million dollar anti-virus industry sets the stage for a comprehensive rundown on today's viruses and the nuts and bolts of protecting a system from them. He ranges through the best ways to configure Windows for maximum protection, what a DOS virus can and can't do, what today's biggest threats are, and other important and frequently surprising information. For example, how many people know that joining a chat discussion can turn one's entire computer system into an open book? Malicious Mobile Code delivers the strategies, tips, and tricks to secure a system against attack. It covers: The current state of the malicious code writing and cracker community How malicious code works, what types there are, and what it can and cannot do Common anti-virus defenses, including anti-virus software How malicious code affects the various Windows operating systems, and how to recognize, remove, and prevent it Macro viruses affecting MS Word, MS Excel, and VBScript Java applets and ActiveX controls Enterprise-wide malicious code protection Hoaxes The future of malicious mobile code and how to combat such code These days, when it comes to protecting both home computers and company networks against malicious code, the stakes are higher than ever.Malicious Mobile Code is the essential guide for securing a system from catastrophic loss.

Java Power Tools John Ferguson Smart 2008-04-22 All true craftsmen need the best tools to do their finest work, and programmers are no different. Java Power Tools delivers 30 open source tools designed to improve the development practices of Java developers in any size team or organization. Each chapter includes a series of short articles about one particular tool -- whether it's for build systems, version control, or other aspects of the development process -- giving you the equivalent of 30 short reference books in one package. No matter which development method your team chooses, whether it's Agile, RUP, XP, SCRUM, or one of many others available, Java Power Tools provides practical techniques and tools to help you optimize the process. The book discusses key Java development problem areas and best practices, and focuses on open source tools that can help increase productivity in each area of the development cycle, including: Build tools including Ant and Maven 2 Version control tools such as CVS and Subversion, the two most prominent open source tools Quality metrics tools that measure different aspects of code quality, including CheckStyle, PMD, FindBugs and Jupiter Technical documentation tools that can help you generate good technical documentation without spending too much effort writing and maintaining it Unit Testing tools including JUnit 4, TestNG, and the open source coverage tool Cobertura Integration, Load and Performance Testing to integrate performance tests into unit tests, load-test your application, and automatically test web services, Swing interfaces and web interfaces Issue management tools including Bugzilla and Trac Continuous Integration tools such as Continuum, Cruise Control, LuntBuild and Hudson If you are a Java developer, these tools can help improve your development practices, and make your life easier in the process. Lead developers, software architects and people interested in the wider picture will be able to gather from these pages some useful ideas about improving your project infrastructure and best practices.

<u>Core Java 1.2: Fundamentals</u> Cay S. Horstmann 1999 Software -- Programming Languages.

Microsoft Visual Studio Core Reference Set: Microsoft Visual J++ 6.0 programmer's guide 1998

Holonic and Multi-Agent Systems for Manufacturing Vladimir Marik 2004-01-24 The increasing complexity of manufacturing systems as well as the overall demands for flexible and fault-tolerant control of production processes stimulates (among many others) two key emerging technologies that are already making an important breakthrough in the field of intelligent manufacturing, control, and diagnostics. These two paradigms are: • the holonic approach based on the event-driven control strategy, usually aimed at modular control systems that are directly physically linked with the manufacturing hardware equipment, and • the multi-agent approach developed in the area of distributed information processing. The research communities working in both these fields are approaching the problem of intelligent manufacturing from different viewpoints and, until recently, to a certain extent, in an independent way. We can however observe quite a clear convergence of these fields in the last few years: the communities have started to cooperate, joining efforts to solve the painful problems involved in achieving effective industrial practice. We can see convergence in the terminology, standards and methods being applied.

Core Java 2: Fundamentals Cay S. Horstmann 2001 Demonstrates the advanced features of the most recent upgrade to the Java programming language, covering topics including multithreading, collections, networking, remote objects, JavaBeans, and GUI-building techniques.

Rational Application Developer for WebSphere Software V8 Programming Guide Martin Keen 2011-04-19 IBM® Rational® Application Developer for WebSphere® Software V8 is the full-function Eclipse 3.6 technology-based development platform for developing JavaTM Platform, Standard Edition Version 6 (Java SE 6) and Java Platform, Enterprise Edition Version 6 (Java EE 6) applications. Beyond this function, Rational Application Developer provides development tools for technologies, such as OSGi, Service Component Architecture (SCA), Web 2.0, and XML. It has a focus on applications to be deployed to IBM WebSphere Application Server and IBM WebSphere Portal. Rational Application Developer provides integrated development tools for all development roles, including web developers, Java developers, business analysts, architects, and enterprise programmers. This IBM Redbooks® publication is a programming guide that highlights the features and tooling included with Rational Application Developer V8.0.1. Many of the chapters provide working examples that demonstrate how to use the tooling to develop applications and achieve the benefits of visual and rapid application development. This publication is an update of Rational Application Developer V7.5 Programming Guide, SG24-7672.

ICDSMLA 2019 Amit Kumar 2020-05-19 This book gathers selected high-impact articles from the 1st International Conference on Data Science, Machine Learning & Applications 2019. It highlights the latest developments in the areas of Artificial Intelligence, Machine Learning, Soft Computing, Human–Computer Interaction and various data science & machine learning applications. It brings together scientists and researchers from different universities and industries around the world to showcase a broad range of perspectives, practices and technical expertise.

Learn Java for Android Development Jeff Friesen 2014-02-23 Learn Java for Android Development, Third Edition, is an update of a strong selling book that now includes a primer on Android app development (in Chapter 1 and Appendix C, which is distributed in the book's code archive). This book teaches programmers the essential Java language skills necessary for effectively picking up and using the new Android SDK platform to build mobile, embedded, and even PC apps, especially game apps. Android development is hot, and many programmers are interested in joining the fun. However, because this technology is based on Java, you should first obtain a solid grasp of the Java language and its APIs in order to improve your chances of succeeding as an effective Android app developer. This book helps you do that. Each of the book's 16 chapters provides an exercise section that gives you the opportunity to reinforce your understanding of the chapter's material. Answers to the book's more than 700 exercises are provided in an appendix. A second appendix provides a significant game-oriented Java application, which you can convert into an Android app. Once you complete this one-of-a-kind book written by Jeff Friesen, an expert Java developer and JavaWorld.com columnist, you should be ready to begin your indie or professional Android app development journey. What you'll learn The Java skills necessary for Android development The core Java language fundamentals Classes, objects, inheritance, polymorphism, and interfaces Advanced Java language features (such as generics) The basic Java APIs necessary for Android (such as the String class and threading) The Collections Framework for organizing objects The Concurrency Utilities for simplifying multithreading Classic and New I/O Networking and database access Parsing, creating, and transforming XML documents Additional APIs for creating and accessing ZIP and JAR files, and more Who this book is for This book is for any programmer—including existing Java programmers and Objective-C based iPhone and iPad programmers— of any skill level who needs to obtain a solid understanding of the Java language and foundational Java APIs before jumping into Android app development. Table of Contents 1. Getting Started with Java 2. Learning Language Fundamentals 3. Discovering Classes and Objects 4. Discovering Inheritance, Polymorphism, and Interfaces 5. Mastering Advanced Language Features Part 1 6. Mastering Advanced Language Features Part 2 7. Exploring the Basic APIs Part 1 8. Exploring the Basic APIs Part 2 9. Exploring the Collections Framework 10. Exploring the Concurrency Utilities 11. Performing Classic I/O 12. Accessing Networks 13. Migrating to New I/O 14. Accessing Databases 15. Parsing, Creating, and Transforming XML Documents 16. Focusing on Odds and Ends 17. Appendix A: Solutions to Exercises 18. Appendix B: Four of a Kind 19. Appendix C: Getting Started with Android*** ***NOTE: Appendix C is not included in the physical book. Instead, it's distributed as a PDF file that's bundled with the book's code.

Novell ZENworks 7 Suite Administrator's Handbook Brad Dayley 2005-11-18 Novell ZENworks 7 Suite Administrator's Handbook is the official administrator's handbook to the ZENworks 7 Suite, written by Novell insiders and reviewed by its developers. With added coverage of the new features in ZENworks 7, this book provides you with the knowledge to install, efficiently use, and troubleshoot ZENworks in the enterprise environment. You'll also find coverage on ZENworks Desktop Registry Keys, which have never been presented to customers and will allow you to customize their ZENworks. By the end of the book you will understand all of the features and elements of the ZENworks 7 Suite, all with the insight from the ZENworks 7 Suite team.

How to Program Using Java Tony Jenkins 2017-03-14 A humorous and friendly introduction to programming for undergraduate students meeting the subject for the first time. Using Java as a running example, the authors outline the

principles of programming that will serve as a valuable foundation in good practice for when students meet other languages in later courses. Packed with cartoons and entertaining examples, this book is an accessible, student-friendly guide to programming for beginners.

Rational Application Developer V7 Programming Guide Ueli Wahli 2008-03-27 IBM® Rational® Application Developer for WebSphere® Software V7.0 (for short, Rational Application Developer) is the full function Eclipse 3.2 based development platform for developing JavaTM 2 Platform Standard Edition (J2SETM) and Java 2 Platform Enterprise Edition (J2EETM) applications with a focus on applications to be deployed to IBM WebSphere Application Server and IBM WebSphere Portal. Rational Application Developer provides integrated development tools for all development roles, including Web developers, Java developers, business analysts, architects, and enterprise programmers. Rational Application Developer is part of the IBM Rational Software Delivery Platform (SDP), which contains products in four life cycle categories: - Architecture management, which includes integrated development environments (Application Developer is here) - Change and release management - Process and portfolio management - Quality management This IBM Redbooks® publication is a programming guide that highlights the features and tooling included with Rational Application Developer V7.0. Many of the chapters provide working examples that demonstrate how to use the tooling to develop applications, as well as achieve the benefits of visual and rapid application development. This publication is an update of Rational Application Developer V6 Programming Guide, SG24-6449. This book consists of six parts: - Introduction to Rational Application Developer - Develop applications - Test and debug applications - Deploy and profile applications - Team development - Appendixes

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