

Jboss Application Server 7 Documentation

This book is for individuals wishing to learn Java and specialize in Android application development. This book consists of two parts. Part I is focused on Java and Part II explains how to build Android applications effectively. The Java tutorial has been updated to cover the new features in Java 8, the latest version of Java. The Android application examples were developed using Android Studio, the official Android IDE from Google.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Enterprise JavaBeans, Fourth Edition, is the definitive guide to EJB 2.1. It shows you how to build complex, mission-critical systems using snap-together software components that model business objects and processes. EJB 2.1 makes several important steps forward in EJB technology: message-driven beans are much more flexible, a time service has been added, and EJBs have been integrated with web services. Enterprise JavaBeans delivers on a promise that was astonishing a few years ago: not only can EJBs run without modification on any operating system, they can run on any J2EE application server. However, after writing EJBs, you have to deploy them in an application server, and deploying EJBs can be a painful task. This edition includes the Jboss Workbook, which shows you how to deploy the examples on the open source JBoss Application Server. If you've done any enterprise software development in the past few years, you already know the extent to which EJB has changed the field. Use this book to catch up on the latest developments. If you're new to enterprise software development, or if you haven't been working with EJB, this book will bring you up to speed on this exciting technology for building business systems.

IBM® ILOG® Visualization products allow you to create the most advanced graphical user interfaces for line-of-business applications, help users understand their data better, and react to a changing market faster and smarter. This IBM Redbooks® publication describes two IBM Visualization products: IBM ILOG JViews Enterprise and IBM ILOG Elixir® Enterprise. It provides detailed samples and scenarios covering how these products can be integrated with other IBM software such as IBM WebSphere® REST Technology, IBM Cognos®, IBM Mashup Center, IBM WebSphere Business Monitor and Business Space, and IBM WebSphere Dashboard Framework to provide Web 2.0 and Ajax visualization solutions. This book is targeted to application interface developers and programmers who develop highly advanced graphical user interfaces using IBM ILOG Visualization products with IBM Cognos, IBM Mashup Center, IBM WebSphere Business Monitor and Business Space, and IBM WebSphere Dashboard Framework.

This month: * Command & Conquer * How-To : Install Oracle, LibreOffice, and dmc4che. * Graphics : GIMP Perspective Clone Tool and Inkscape. * Linux Labs: Kodi/XBMC, and Compiling a Kernel Pt.2 * Arduino plus: News, Q&A, Ubuntu Games, and soooo much more.

The professional programmer's Deitel® guide to Java™ development and the powerful Java platform Written for programmers with a background in high-level language programming, this book applies the Deitel signature live-code approach to teaching programming and explores the Java language and Java APIs in depth. The book presents concepts in the context of fully tested programs, complete with syntax shading, code highlighting, line-by-line code walkthroughs and program outputs. The book features 200+ complete Java programs with 18,000+ lines of proven Java code, and hundreds of tips that will help you build robust applications. Start with an introduction to Java using an early classes and objects approach, then rapidly move on to more advanced topics, including GUI, graphics, exception handling, generics, collections, JDBC™, web-application development with JavaServer™ Faces, web services and more. You'll enjoy the Deitels' classic treatment of object-oriented programming and the OOD/UML® ATM case study, including a complete Java implementation. When you're finished, you'll have everything you need to build object-oriented Java applications.

This IBM® Redbooks® publication helps you plan and execute the migration of J2EE applications developed for Oracle WebLogic Server, JBoss, GlassFish, and Apache Tomcat, so that they run on WebSphere® Application Server V7. This book provides detailed information to plan migrations, suggested approaches for developing portable applications, and migration working examples for each of the platforms from which we migrated. It is not our intention to provide a feature-by-feature comparison of these application servers versus WebSphere Application Server V7, or to argue the relative merits of the products, but to produce practical technical advice for developers who have to migrate applications from these vendors to WebSphere Application Server V7. The book is intended as a migration guide for IT specialists who are working on migrating applications written for other application servers to WebSphere Application Server V7.

On behalf of the Organizing Committee I am pleased to present the proceedings of the 2005 Symposium on Component-Based Software Engineering (CBSE). CBSE is concerned with the development of software-intensive systems from reusable parts (components), the development of reusable parts, and system maintenance and improvement by means of component replacement and c- tomization. CBSE 2005, "Software Components at Work," was the eighth in a series of events that promote a science and technology foundation for achieving predictable quality in software systems through the use of software component technology and its associated software engineering practices. We were fortunate to have a dedicated Program Committee comprised of 30 internationally recognized researchers and industrial practitioners. We received 91 submissions and each paper was reviewed by at least three Program Committee members (four for papers with an author on the Program Committee). The entire reviewing process was supported by CyberChair Pro, the Web-based paper submission and review system developed and supported by Richard van de Stadt of Borbala Online Conference Services. After a two-day virtual Program Committee meeting, 21 submissions were accepted as long papers and 2 submissions were accepted as short papers.

As developers work through the book, they'll build a project using extensive code examples and delving into all the major facets of J2EE application deployment on JBoss, including JSPs, Servlets, EJBs, JMS, JNDI, web services, JavaMail, JDBC, and Hibernate.

Updated for Java SE 8, this book teaches the three most important topics in Java programming: the language syntax, object-oriented programming (OOP) and Java core libraries. This book introduces important programming concepts and is a guide to building real-world applications, both desktop and web-based. The coverage is the most comprehensive one can find in a beginner's book.

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

This book constitutes the thoroughly refereed post-proceedings of the Second Symposium on Trustworthy Global Computing, TGC 2006, held in Lucca, Italy, in November 2006. The 14 revised papers presented together with two keynote lectures were carefully reviewed and selected from 32 submissions. The book starts off with activity reviews of four FP6 programmes of the European Union: Aeolus, Mobius, Sensoria, and Catnets.

JBoss in Action is the first book to focus on teaching readers in detail how to use the JBoss application server. Unlike other titles about

JBoss, the authors of JBoss in Action go deeper into the advanced features and configuration of the server. In particular, it focuses on enterprise-class topics, such as high availability, security, and performance. This book walks readers through the JBoss 5 Application Server from installation to configuration to production development. It shows how to configure the server's various component containers such as the JBoss Web Server, the EJB 3 server, and JBoss Messaging. It also provides detailed insight into configuring the various component services such as security, performance, and clustering. Beyond coverage of the core application server, the book also teaches how to use some of the "hot" technologies that run on top of the application server, such as Jboss Seam and JBoss Portal. 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. The authors, both seasoned professional experts at developing and administering JBoss, provide meaningful explanations and background on many topics which they tie in with their own practical, real-world advice from their collective experience. These uniquely comprehensive explanations and the wide coverage provided in this book surpass any other content currently available in any other book, article, or documentation on the subject.

Proceedings of SPIE present the original research papers presented at SPIE conferences and other high-quality conferences in the broad-ranging fields of optics and photonics. These books provide prompt access to the latest innovations in research and technology in their respective fields. Proceedings of SPIE are among the most cited references in patent literature.

Why collaborative enterprise architecture? -- What is enterprise architecture -- What enterprise architects do: core activities of EA -- EA frameworks -- EA maturity models -- Foundations of collaborative EA -- Towards pragmatism: lean and agile EA -- Inviting to participation: eam 2.0 -- The next steps: taking collaborative EA forward.

This practical guide is intended for those who want to learn how to build extremely scalable applications. This book is easy to read and is aimed at Java enterprise developers with a solid knowledge of Java. However, no previous coding experience with Infinispan is required. The Deitels' groundbreaking How to Program series offers unparalleled breadth and depth of object-oriented programming concepts and intermediate-level topics for further study. This survey of Java programming contains an optional extensive OOD/UML 2 case study on developing and implementing the software for an automated teller machine. The Eighth Edition of this acclaimed text is now current with the Java SE 6 updates that have occurred since the book was last published. The Late Objects Version delays coverage of class development until Chapter 8, presenting the control structures, methods and arrays material in a non-object-oriented, procedural programming context. This book constitutes the proceedings of the 15th International Conference on Web Information Systems Engineering, WISE 2014, held in Thessaloniki, Greece, in October 2014. The 52 full papers, 16 short and 14 poster papers, presented in the two-volume proceedings LNCS 8786 and 8787 were carefully reviewed and selected from 196 submissions. They are organized in topical sections named: Web mining, modeling and classification; Web querying and searching; Web recommendation and personalization; semantic Web; social online networks; software architectures and platforms; Web technologies and frameworks; Web innovation and applications; and challenge.

Whether you're a Flex 3 beginner or intermediate user, this book provides the necessary information to help you develop into an expert. Using a practical hands-on approach, it illustrates exactly how to create robust and scalable enterprise-grade rich Internet applications (RIAs). The book is divided into three parts. The first part discusses the architectural and design aspects of Flex 3 application development. It explains the internals of a Flex 3 application and advocates a few best practices to fine-tune your application to ensure maximum performance. It includes tutorials on creating custom components, data binding, and creating AIR-powered desktop applications. The second part concentrates on effectively integrating Flex 3 with server- and client-side technologies. Techniques for integration with Java and PHP are covered in detail, and content covering interaction with client-side technologies is also included. After reading the chapter on JavaScript integration, you will be ready to create applications that can use Ajax and Flex 3 together. The third and final part of the book is a unique and eclectic mix of some advanced topics like mash-ups, collaborative applications, 3D rendering, highly interactive visualization, and audio and video streaming. In summary, through reading this book, you will benefit from the wealth of information and years of experience the authors hold, and will then be ready to cruise with comfort in the world of Flex 3 application development on your own.

Learn how to correctly utilize the most popular Object-Relational Mapping tool for your Enterprise application About This Book Understand the internals of Hibernate and its architecture, and how it manages Entities, Events, Versioning, Filters, and Cache Observe how Hibernate bridges the gap between object-oriented concepts and relational models Discover how Hibernate can address architectural concerns such as Transaction, Database Multi-tenancy, Clustering, and Database Shards Who This Book Is For Mastering Hibernate is intended for those who are already using or considering using Hibernate as the solution to address the problem of Object Relational Mapping. If you are already using Hibernate, this book will help you understand the internals and become a power user of Hibernate. What You Will Learn Understand the internals of a Hibernate session and how Entities are managed Declare better mapping between entity classes and database tables Manage entity associations and collections Fetch data not just by entity ID, but also using HQL, Criteria Objects, Filters, and Native SQL Observe the first and second level caches and find out how to manage them Collect statistics and metrics data for further observation Make your application work with multi-tenant databases In Detail Hibernate has been so successful since its inception that it even influenced the Java Enterprise Edition specification in that the Java Persistence API was dramatically changed to do it the Hibernate way. Hibernate is the tool that solves the complex problem of Object Relational Mapping. It can be used in both Java Enterprise applications as well as .Net applications. Additionally, it can be used for both SQL and NoSQL data stores. Some developers learn the basics of Hibernate and hit the ground quickly. But when demands go beyond the basics, they take a reactive approach instead of learning the fundamentals and core concepts. However, the secret to success for any good developer is knowing and understanding the tools at your disposal. It's time to learn about your tool to use it better This book first explores the internals of Hibernate by discussing what occurs inside a Hibernate session and how Entities are managed. Then, we cover core topics such as mapping, querying, caching, and we demonstrate how to use a wide range of very useful annotations. Additionally, you will learn how to create event listeners or interceptors utilizing the improved architecture in the latest version of Hibernate. Style and approach This book takes a close look at the core topics, and helps you understand the complex topics by showing you examples and giving you in-depth discussions.

Advanced Techniques in Computing Sciences and Software Engineering includes a set of rigorously reviewed world-class manuscripts addressing and detailing state-of-the-art research projects in the areas of Computer Science, Software Engineering, Computer Engineering, and Systems Engineering and Sciences. Advanced Techniques in Computing Sciences and Software Engineering includes selected papers from the conference proceedings of the International Conference on Systems, Computing Sciences and Software Engineering (SCSS 2008) which was part of the International Joint Conferences on Computer, Information and Systems Sciences and Engineering (CISSE 2008).

Advanced Java Game Programming teaches you how to create desktop and Internet computer games using the latest Java programming language techniques. Whereas other Java game programming books focus on introductory Java material, this book covers game programming for experienced Java developers. David Wallace Croft, founder of the Game Developers Java Users Group (GameJUG), has assembled an open-source reusable game library—a Swing animation engine that allows developers to use these techniques and put out new games very rapidly. The open-source game library also includes a reusable game deployment framework and a multiplayer networking library with HTTP firewall tunneling capability for applets. All of the code is open source, including the example games. The animation has been scrupulously tested and optimized in the Swing environment, and Croft clearly explains how the code works in great detail. The graphics and audio libraries used in the examples are public domain and may also be used royalty-free for creating new games.

Develop Java enterprise applications to meet the emerging digital standards using Java EE 7 About This Book Build modern Java EE web

applications that insert, update, retrieve, and delete customer data with up-to-date methodologies Delve into the essential JavaScript programming language and become proficient with front-end technologies that integrate with the Java platform Learn about JavaServer Faces, its lifecycle, and custom tags, and build exciting digital applications with the aid of handpicked, real-world examples Who This Book Is For If you are a professional Java engineer and want to develop well-rounded and strong Java Web Development skills, then this book is for you. What You Will Learn Understand and apply updated JavaServer Faces key features including HTML5 support, resource library constructs, and pass through attributes Build web applications that conform to digital standards and governance, and leverage the Java EE 7 web architecture Construct modern JSF Forms that apply validation, add AJAX for immediate validation, and write your own validators Augment a traditional web application with JSF 2.2 Flow Beans and Flow Scope Beans Program single page applications including AngularJS, and design Java RESTful back-end services for integration Utilize modern web frameworks such as Bootstrap and Foundation in your JSF applications Create your own JSF custom components that generate reusable content for your stakeholders and their businesses In Detail Digital Java EE 7 presents you with an opportunity to master writing great enterprise web software using the Java EE 7 platform with the modern approach to digital service standards. You will first learn about the lifecycle and phases of JavaServer Faces, become completely proficient with different validation models and schemes, and then find out exactly how to apply AJAX validations and requests. Next, you will touch base with JSF in order to understand how relevant CDI scopes work. Later, you'll discover how to add finesse and pizzazz to your digital work in order to improve the design of your e-commerce application. Finally, you will deep dive into AngularJS development in order to keep pace with other popular choices, such as Backbone and Ember JS. By the end of this thorough guide, you'll have polished your skills on the Digital Java EE 7 platform and be able to creat exiting web application. Style and approach This book takes a step-by-step and detailed approach, coaching you through real-world scenarios. The book's style is designed for those who enjoy a thorough educational approach. This book constitutes the proceedings of the 8th International Conference on Web Information Systems Engineering, WISE 2007, held in Nancy, France, in December 2007. The papers are organized in topical sections on querying, trust, caching and distribution, interfaces, events and information filtering, data extraction, transformation, and matching, ontologies, rewriting, routing, and personalisation, agents and mining, QOS and management, modeling, and topics.

JBoss Application server is the most popular open source Java application server, renamed from this release and on as WildFly. This book covers all details on administration and management aspect of this new version of the application server. Focusing exclusively on the management instruments of the application server, the book takes you through all of the latest architectural and performance changes. You'll progress from basic server configuration to more advanced techniques for clustering, JDBC connectivity, logging, and much more. What you will learn from this book: - How to install the application server on Windows and Unix/Linux systems including details for installing it as a service - Steps for packaging and deploying web applications - Configuring the services stack, including the new Undertow Web subsystem - Deploying Wildfly 8 with the Apache Web server and mod_cluster - Monitoring Wildfly 8 servers in realtime - Secure applications and encrypt their communication

This book is for everybody who would like to learn modern Java web development based on PrimeFaces and is looking for a quick introduction to this matter. Prerequisites for this book are basic JSF, jQuery, and CSS skills.

This book will kick-start your productivity and help you to master JBoss AS development. The author's experience with JBoss enables him to share insights on JBoss AS development in a clear and friendly way. By the end of the book, you will have the confidence to apply all the newest programming techniques to your JBoss applications.If you are a Java architect or developer who wants to get the most out of the latest release of the JBoss application server, then this book is for you. You are not expected to have accumulated experience on the application server though you must know the basic concepts of Java EE.

This volume of the Lecture Notes in Computer Science series contains the proceedings of the second Working Conference on Component Deployment, which took place May 20-21, 2004, at the e-Science Institute in Edinburgh, Scotland, as a collocated event of the International Conference on Software Engineering. Component deployment addresses what needs to be done after a component has been developed. Component deployment includes activities such as component customization, configuration, integration, activation, de-activation and commissioning. The emerging research community that investigates component deployment concerns itself with the principles, methods and tools for deployment activities. The community held its first working conference in Berlin, Germany, in June 2002. The proceedings were published by Springer-Verlag as volume 2370 of the Lecture Notes in Computer Science series. The program of this year's conference consisted of an invited talk and 16 technical paper presentations. The invited talk was given by Patrick Goldsack of Hewlett Packard Research Laboratories Bristol, UK. He presented the Smart-Frog component deployment framework that HP released as Open Source. The technical papers were carefully selected from a total of 34 submitted papers. Each paper was thoroughly peer reviewed by at least three members of the program committee and consensus on acceptance was achieved by means of an electronic PC meeting.

* First book on enterprise development using Eclipse * First J2EE Standard Tools (JST) book to market * Based on latest Eclipse 3 standard—a hot topic

This volume contains papers based on contributions to two workshops: the Workshop on Architecting Dependable Systems (WADS 2008) and the Third International Workshop on Views On Designing Complex Architectures (VODCA 2008).

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

This book constitutes the refereed proceedings of the 5th European Conference on Software Architecture, ECSA 2011, held in Essen, Germany, in September 2011. The 13 revised full papers presented together with 24 emerging research papers, and 7 research challenge poster papers were carefully reviewed and selected from over 100 submissions. The papers are organized in topical sections on requirements and software architectures; software architecture, components, and compositions; quality attributes and software architectures; software product line architectures; architectural models,

patterns and styles; short papers; process and management of architectural decisions; software architecture run-time aspects; ADLs and metamodels; and services and software architectures.

Web frameworks are playing a major role in the creation of today's most compelling web applications, because they automate many of the tedious tasks, allowing developers to instead focus on providing users with creative and powerful features. Java developers have been particularly fortunate in this area, having been able to take advantage of Grails, an open source framework that supercharges productivity when building Java-driven web sites. Grails is based on Groovy, which is a very popular and growing dynamic scripting language for Java developers and was inspired by Python, Ruby, and Smalltalk. *Beginning Groovy, Grails and Griffon* is the first introductory book on the Groovy language and its primary web framework, Grails. Griffon is also covered. While Grails is the Web framework for building Groovy Web applications, Griffon is the desktop framework for building desktop Groovy applications. Could Groovy be the new Java? It's light, fast and free (open source). This book gets you started with Groovy, Grails and Griffon, and culminates in the example and possible application of some real-world projects. You follow along with the development of each project, implementing and running each application while learning new features along the way.

This book constitutes the refereed proceedings of the First Joint International Workshop on Statistical Atlases and Computational Models of the Heart and Cardiac Electrophysiological Simulation Challenge, STACOM-CESC 2010, held in conjunction with MICCAI 2010, in Beijing, China, in September 2010. The 27 revised full papers presented together with 3 keynote presentations were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on methods and infrastructure for atlas construction, structure and flow, mechanics and motion, electrophysiology and electrical activation, and computational electrophysiological simulation challenge.

"This book presents scientific, theoretical, and practical insight on the software and technology of social networks and the factors that boost communicability, highlighting different disciplines in the computer and social sciences fields"--Provided by publisher.

A Practical Guide for Business Analysts

If you're an experienced Java developer in the enterprise, this practical, hands-on book shows you how to use OSGi to design, develop, and deploy modular cloud applications. You'll quickly learn how to use OSGi, through concise code examples and a set of best practices derived from the authors' experiences with real-world projects. Through the course of this book, you'll learn to develop modern web applications with tools and techniques such as RESTful Web Services, NoSQL, provisioning, elasticity, Auto Scaling, hotfixes, and automatic failover. Code samples are available from GitHub. Work with dynamic OSGi services to create modular applications Explore the basics of OSGi bundles and modular application design Learn advanced topics, including semantic versioning, integration testing, and configuring components Understand OSGi pitfalls, anti-patterns, and features you should avoid Create a modular architecture for cloud-based web applications Discover how maintainability, extensibility, scalability, and testability are affected by modular design Get a look at various options for creating web applications with a modular approach Interact with persistent storage services, including relational databases and NoSQL Examine alternatives for deploying modular applications to the cloud

Aimed at Java developers, explores the Mac OS X platform, covering topics including Apache Web servers, IDEs, Jakarta Ant, the Spelling Framework, SOAP, and integration with QuickTime.

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