

Jboss Application Deployment Guide

If you are a Java developer who wants to learn about Java EE, this is the book for you. It's also ideal for developers who already have experience with the Java EE platform but would like to learn more about the new Java EE 7 features by analyzing fully functional sample applications using the new application server WildFly.

This book is aimed at Java developers, system administrators, application testers using WildFly, and anyone who performs a DevOps role. Whether you are completely new to WildFly or just require an understanding of WildFly's new features, this book is for you.

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.

A hands-on practical guide disclosing all areas of Java EE 8 development on the newest WildFly application server. Covers everything from the foundation components (EJB, Servlets, CDI, JPA) to the new technology stack defined in Java Enterprise Edition 7 hence including the new Batch API, JSON-P Api, the Concurrency API, Web Sockets, the JMS 2.0 API, the core Web services stack (JAX-WS, JAX-RS). The testing area with Arquillian framework and the Security API complete the list of topics discussed in the book.

Mastering JBoss Enterprise Application Platform 7

WildFly Administration Guide

Hands-On Cloud-Native Applications with Java and Quarkus

JBoss at Work: A Practical Guide

The Definitive Guide to Jython

This book is an easy-to-follow guide full of hands-on examples of administration tasks and valuable information about security. Each topic is explained and placed in context, and for the more inquisitive readers, there are more in-depth details of the concepts used. If you are an application server administrator or a Java developer with some experience with previous versions of JBoss AS and you want to familiarize yourself with WildFly, then this book is ideal for you.

Summary The Spark distributed data processing platform provides an easy-to-implement tool for ingesting, streaming, and processing data from any source. In Spark in Action, Second Edition, you'll learn to take advantage of Spark's core features and incredible processing speed, with applications including real-time computation, delayed evaluation, and machine learning. Spark skills are a hot commodity in enterprises worldwide, and with Spark's powerful and flexible Java APIs, you can reap all the benefits without first learning Scala or Hadoop. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Analyzing enterprise data starts by reading, filtering, and merging files and streams from many sources. The Spark data processing engine handles this varied volume like a champ, delivering speeds 100 times faster than Hadoop systems. Thanks to SQL support, an intuitive interface, and a straightforward multilanguage API, you can use Spark without learning a complex new ecosystem. About the book Spark in Action, Second Edition, teaches you to create end-to-end analytics applications. In this entirely new book, you'll learn from interesting Java-based examples, including a complete data pipeline for processing NASA satellite data. And you'll discover Java, Python, and Scala code samples hosted on GitHub that you can explore and adapt, plus appendixes that give you a cheat sheet for installing tools and understanding Spark-specific terms. What's inside Writing Spark applications in Java Spark application architecture Ingestion through files, databases, streaming, and Elasticsearch Querying distributed datasets with Spark SQL About the reader This book does not assume previous experience with Spark, Scala, or Hadoop. About the author Jean-Georges Perrin is an experienced data and software architect. He is France's first IBM Champion and has been honored for 12 consecutive years. Table of Contents PART 1 - THE THEORY CRIPPLED BY AWESOME EXAMPLES 1 So, what is Spark, anyway? 2 Architecture and flow 3 The majestic role of the dataframe 4 Fundamentally lazy 5 Building a simple app for deployment 6 Deploying your simple app PART 2 - INGESTION 7 Ingestion from files 8 Ingestion from databases 9 Advanced ingestion: finding data sources and building your own 10 Ingestion through structured streaming PART 3 - TRANSFORMING YOUR DATA 11 Working with SQL 12 Transforming your data 13 Transforming entire documents 14 Extending transformations with user-defined functions 15 Aggregating your data PART 4 - GOING FURTHER 16 Cache and checkpoint: Enhancing

Spark's performances 17 Exporting data and building full data pipelines 18 Exploring deployment

If you need to understand how JBoss works, why not learn it from the people who created it? JBoss 4.0 - The Official Guide is the authoritative resource recognized as the official print documentation for JBoss 4.0. The only book for advanced JBoss users, this guide presents a complete understanding to configuring and using JBoss 4.0. It is fully up-to-date with the new features and changes in JBoss 4.0, including those used to integrate development with Eclipse, incorporate Aspect-Oriented Programming and implement J2EE 1.4 functionality months ahead of the commercial competition. Get under the hood and explore everything that JBoss 4.0 can offer you with JBoss 4.0 - The Official Guide.

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 WildFly Configuration, Deployment, and Administration - Second Edition

A Guide for Impatient Beginners

JBoss 4.0

Covers Apache Spark 3 with Examples in Java, Python, and Scala

Configuring the JBoss Application Server

The Liferay Portal Administrator's Guide is your complete guide to installing, integrating, configuring, and maintaining Liferay Portal. This comprehensive guide will show you how to install Liferay Portal, configure it for your use, and maintain your Liferay-powered site on a day-to-day basis. From installing a bundle to configuring a Liferay cluster, every aspect of running Liferay Portal is covered. This newly-updated guide is your roadmap to a successful implementation of Liferay Portal. Now covering Liferay Portal 5.1 and below, this book contains the information you need to keep your portal environment running smoothly.

Build a functional and efficient WildFly server with this step-by-step, practical guide In Detail

Access Free Jboss Application Deployment Guide

WildFly 8 is a modular, lightweight, Java EE-compliant application server. Application deployment and management is simplified with WildFly's centralized and easy-to-use administration interface. It supports high availability and latest web technologies, such as web sockets and a non-blocking API. There was previously a lack of a system-administration-free platform that allowed the scaling of Java EE applications, but WildFly 8 in combination with OpenShift fills that gap. The book starts with an explanation of the installation of WildFly and application server configuration. Then, it moves on to the configuration of enterprise services and also explores the new web container Undertow. It then covers domain configuration, application deployment, and application server management. By the end of the book, you will have a firm grasp of all the important aspects of clustering, load balancing, and WildFly security. This guide is invaluable for anyone who works with or is planning to switch to WildFly. What You Will Learn Discover how to install, start, and stop your WildFly server, and gain an understanding of the WildFly modular infrastructure Configure WildFly's services such as transactions, threads, logging, Enterprise Java Beans, and Java Message Service Set up the Undertow web server Deploy applications on WildFly using various deployment strategies Use JBoss' cloud platform OpenShift to simplify the deployment and management of applications Manage the application server using the command-line interface and the admin console Improve scalability by configuring high availability, clustering, and load balancing Secure your WildFly server and enterprise application components using a number of authentication mechanisms Downloading the example code for this book. You can download the example code files for all Packt books you have purchased from your account at <http://www.PacktPub.com>. If you purchased this book elsewhere, you can visit <http://www.PacktPub.com/support> and register to have the files e-mailed directly to you.

Do you have secure application development standards and testing criteria? What should the development team do? When is an Enterprise Architecture Good Enough ? What is the tool chain you need to tie your application deployment to your infrastructure provisioning? What are the agents or scripts executing on servers of hosted applications? This valuable Camel Development with Red Hat JBoss Fuse self-assessment will make you the accepted Camel Development with Red Hat JBoss Fuse domain specialist by revealing just what you need to know to be fluent and ready for any Camel Development with Red Hat JBoss Fuse challenge. How do I reduce the effort in the Camel Development with Red Hat JBoss Fuse work to be done to get problems solved? How can I ensure that plans of action include every Camel Development with Red Hat JBoss Fuse task and that every Camel Development with Red Hat JBoss Fuse outcome is in place? How will I save time investigating strategic and tactical options and ensuring Camel Development with Red Hat JBoss Fuse costs are low? How can I deliver tailored Camel Development with Red Hat JBoss Fuse advice instantly with structured going-forward plans? There's no better guide through these mind-expanding questions than acclaimed best-selling author Gerard Blokdyk. Blokdyk ensures all Camel

Access Free Jboss Application Deployment Guide

Development with Red Hat JBoss Fuse essentials are covered, from every angle: the Camel Development with Red Hat JBoss Fuse self-assessment shows succinctly and clearly that what needs to be clarified to organize the required activities and processes so that Camel Development with Red Hat JBoss Fuse outcomes are achieved. Contains extensive criteria grounded in past and current successful projects and activities by experienced Camel Development with Red Hat JBoss Fuse practitioners. Their mastery, combined with the easy elegance of the self-assessment, provides its superior value to you in knowing how to ensure the outcome of any efforts in Camel Development with Red Hat JBoss Fuse are maximized with professional results. Your purchase includes access details to the Camel Development with Red Hat JBoss Fuse self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows you exactly what to do next. Your exclusive instant access details can be found in your book. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Camel Development with Red Hat JBoss Fuse Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips. 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. Build high performance, Kubernetes-native Java serverless applications

Mastering Enterprise JavaBeans

Liferay Administrator's Guide

Spark in Action

JBoss AS 5 Development

Build your own enterprise applications and integration flows with JBoss and its products About This Book Build fast, smart, and flexible

applications using JBoss Couple one or more JBoss products to effectively solve various business problems Explore the JBoss product ecosystem for improving the performance of your projects Who This Book Is For If you are a Java developer who wants to have a complete view of the JBoss ecosystem or quickly explore a specific JBoss Product, then this is the book you want. Integrators and consultants, like those with JBoss, who want integrate several JBoss products within their ongoing project will also find this book useful. What You Will Learn Build new applications or integrate existing systems with JBoss products Setup and manage a JBoss domain Setup and manage a JBoss Fuse cluster with Fabric and Apache Karaf Create and deploy OSGi applications on JBoss Fuse containersv Manage enterprise data with JBoss Data Grid Aggregate various data sources with JBoss Data virtualization to offer data as a service Optimize your business and workflow using both JBoss Business Rules Management System and JBoss Business Process Management platforms. In Detail Have you often wondered what is the best JBoss product to solve a specific problem? Do you want to get started with a specific JBoss product and know how to integrate different JBoss products in your IT Systems? Then this is the book for you. Through hands-on examples from the business world, this guide presents details on the major products and how you can build your own Enterprise services around the JBoss ecosystem. Starting with an introduction to the JBoss ecosystem, you will gradually move on to developing and deploying clustered application on JBoss Application Server, and setting up high availability using undertow or HA proxy loadbalancers. As you are moving to a micro service architecture, you will be taught how to package existing Java EE applications as micro service using Swarm or create your new micro services from scratch by coupling most popular Java EE frameworks like JPA, CDI with Undertow handlers. Next, you will install and configure JBoss Data Grid in development and production environments, develop cache based applications and aggregate various data source in JBoss data virtualization. You will learn to build, deploy, and monitor integration scenarios using JBoss Fuse and run both producers/consumers applications relying on JBoss AMQ. Finally, you will learn to develop and run business workflows and make better decisions in your applications using Drools and Jboss BPM Suite Platform. Style and Approach The book works through the major JBoss products, with examples and instructions to help you understand each product and how they work together.

JBoss at Work: A Practical Guide"O'Reilly Media, Inc."

This is the authoritative reference for understanding and using the NetBeans Integrated Development Environment for creating new software with Java. Contains a detailed tutorial.

You can choose several data access frameworks when building Java enterprise applications that work with relational databases. But what about big data? This hands-on introduction shows you how Spring Data makes it relatively easy to build applications across a wide range of new data access technologies such as NoSQL and Hadoop. Through several sample projects, you'll learn how Spring Data provides a consistent programming model that retains NoSQL-specific features and capabilities, and helps you develop Hadoop applications across a wide range of use-cases such as data analysis, event stream processing, and workflow. You'll also discover the features Spring Data adds to Spring's existing JPA and JDBC support for writing RDBMS-based data access layers. Learn about Spring's template helper classes to simplify the use of database-specific functionality Explore Spring Data's repository abstraction and advanced query functionality Use Spring Data with Redis (key/value store), HBase (column-family), MongoDB (document database), and Neo4j (graph database) Discover the GemFire distributed data grid solution Export Spring Data JPA-managed entities to the Web as RESTful web services Simplify the development of HBase applications, using a lightweight object-mapping framework Build example big-data pipelines with Spring Batch and Spring Integration

Liferay Administrator's Guide, 2nd Edition

The ultimate and most up-to-date guide to manage WildFly application server

Jboss In Action

A Guide for Busy Developers

WebSphere Application Server V7: Competitive Migration Guide

WildFly is the most popular open-source Java application server. This book is an in-depth guide to the administration and management of the of the application server, covering all of the latest architectural and management changes such as: - How to achieve High Availability of your WildFly cluster - How to configure the newest subsystems (agroal, mp subsystems) - Delivering advanced and leak-proof Datasource configuration - Provisioning custom Server distributions with Galleon tool. - Using the Undertow Web server as front-end for mod_cluster and as Reverse Proxy Server - Migrating your older legacy configurations to WildFly newer subsystems - Securing the application server with Elytron Framework - Configuring a robust JMS cluster with Apache Artemis MQ - Running WildFly in the cloud with Openshift and CRC - Configuring Eclipse Micro Profiles and much more, with improved online examples!

Create modular scalable enterprise-grade applications with JBoss Enterprise Application Platform 7 About This Book Leverage the power of JBoss EAP 7 along with Java EE 7 to create professional enterprise grade applications. Get you applications cloud ready and make them highly scalable using this advanced guide. Become a pro Java Developer and move ahead of the crowd with this advanced practical guide. Who This Book Is For The ideal target audience for this book is Java System Administrators who already have some experience with JBoss EAP and who now want explore in depth creating Enterprise grade apps with the latest JBoss EAP version. What You Will Learn Configure services using the Command Line Interface Deliver fault tolerant server configurations Harden the application server with advanced techniques Expand the application server's horizon with tools such as like Docker/OpenShift Create enterprise ready configurations using clustering techniques. Deliver advanced security solutions and learn how to troubleshoot common network/performance issues In Detail The JBoss Enterprise Application Platform (EAP) has been one of the most popular tools for Java developers to create modular, cloud-ready, and modern applications. It has achieved a reputation for architectural excellence and technical savvy, making it a solid and efficient environment for delivering your applications. The book will first introduce application server configuration and the management instruments that can be used to control the application server. Next, the focus will shift to enterprise solutions such as clustering, load balancing, and data caching; this will be the core of the book. We will also discuss services provided by the application server, such as database connectivity and logging. We focus on real-world example configurations and how to avoid common mistakes.

Finally, we will implement the knowledge gained so far in terms of Docker containers and cloud availability using RedHat's OpenShift. Style and approach If you are a Java developer who wants to level-up to modern day Java web development with the latest Java EE 7 and JBoss EAP 7, this book is the ideal solution for you. It addresses (in a clear and simple way) proof-of-concept scenarios such as clustering and cloud and container configurations, and explains how to solve common issues.

Includes more than 30 percent revised material and five new chapters, covering the new 2.1 features such as EJB Timer Service and JMS as well as the latest open source Java solutions The book was developed as part of TheServerSide.com online EJB community, ensuring a built-in audience Demonstrates how to build an EJB system, program with EJB, adopt best practices, and harness advanced EJB concepts and techniques, including transactions, persistence, clustering, integration, and performance optimization Offers practical guidance on when not to use EJB and how to use simpler, less costly open source technologies in place of or in conjunction with EJB

Annotation JBoss AS is the most used Java application server on the market meeting high standards of reliability, efficiency, and robustness and is used to build powerful and secure Java EE applications. It supports the most important areas of Java Enterprise programming including EJB 3.0, dependency injection, web services, the security framework, and more. Getting started with JBoss application server development can be challenging; however, with the right approach and guidance, you can easily master it and this book promises that. Written in an easy-to-read style, this book will take you from the basics of JBoss AS_ such as installing core components and plug-ins_ to the skills that will make you a JBoss developer to be reckoned with, covering advanced topics such as developing applications with JBoss Messaging service, JBoss web services, clustered applications, and more. You will learn the necessary steps to install a suitable environment for developing enterprise applications on JBoss AS. Then, your journey will continue through the heart of the application server, explaining how to customize each service for optimal usage. You will learn how to design Enterprise applications using Eclipse and JBoss plug-ins. You will then learn how to enable distributed communication using JMS. Storing and retrieving objects will be made easier using Hibernate. The core section of the book will take you into the programming arena with tested, real-world examples. The example programs have been carefully crafted to be easy to understand and useful as starting points for your applications. 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.

Python for the Java Platform

JBoss in Action

Installation and Configuration Guide for MicroStrategy 9.2.1m

Java EE 7 Development with WildFly

The Official Guide

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.

This IBM® Redbooks® publication explains the capabilities of IBM WebSphere® Application Server Liberty profile (Liberty profile), which is lightweight, easy to install, and fast to use. Liberty profile provides a convenient and capable platform for developing and testing your web and OSGi applications. The Liberty profile server is built by using OSGi technology and concepts. The fit-for-purpose nature of the run time relies on the dynamic behavior that is inherent in the OSGi framework and service registry. As bundles are installed or uninstalled from the framework, their services are automatically added or removed from the service registry. The result is a dynamic, composable run time that can be provisioned with only what your application requires and responds dynamically to configuration changes as your application evolves. This book can help you install, customize, and configure several popular open source technologies that can be deployed effectively with the Liberty profile server. The following popular open source toolkits for the Liberty profile server were selected for this book based on the significant enhancements they provide to the web application development process: Apache Maven Spring Framework Hibernate Jenkins Opscode Chef Arquillian MongoDB In this book, the Todo sample demonstrates the use of multiple open source frameworks or toolkits with the Liberty profile server, including Maven, MongoDB, Spring, JPA, Arquillian, Wicket, and

others. The Todo sample is a simple application that can be used to create, update, and delete todo items and todo lists, and put the todo items into a related todo list.

Part of Packt's Beginner's Guide series, each chapter follows the creation of a fictional neighbourhood site to demonstrate an aspect of Liferay portal with practical examples, screenshots, and step-by-step instructions. All you need in order to benefit from the Liferay Beginner's Guide is programming experience. No prior knowledge of Liferay is required, although experienced Liferay portal programmers who need to get up to speed with its latest features will also find this book useful.

Enterprise Java experts John Hunt and Chris Loftus take the reader through the core technologies that make up the Enterprise Edition of the Java 2 platform (J2EE). They cover all the aspects of J2EE that both the professional and student needs to know to build multi-tier enterprise applications in Java. This includes the various technologies, design methodology, and design patterns. The text contains fully worked examples, built up throughout the book, which enables the reader to quickly develop multi-tier applications. An invaluable text for those who want to build enterprise wide applications in Java.

Rational Application Developer V7 Programming Guide

JBoss Administration and Development

Camel Development with Red Hat Jboss Fuse a Complete Guide - 2019 Edition

Installation and Configuration Guide for MicroStrategy 10

Describes Java application development on Linux, covering such topics as business-logic object analysis, Java servlet UIs, JSP, Swing GUIs, and database design.

For many organizations, a big part of DevOps' appeal is software automation using infrastructure-as-code techniques. This book presents developers, architects, and infra-ops engineers with a more practical option. You'll learn how a container-centric approach from OpenShift, Red Hat's cloud-based PaaS, can help your team deliver quality software through a self-service view of IT infrastructure. Three OpenShift experts at Red Hat explain how to configure Docker application containers and the Kubernetes cluster manager with OpenShift's developer- and operational-centric tools. Discover how this infrastructure-agnostic container management platform can help companies navigate the murky area where infrastructure-as-code ends and application automation begins. Get an application-centric view of automation-and understand why it's important Learn patterns and practical examples for managing continuous deployments such as rolling, A/B, blue-green, and canary Implement continuous integration pipelines with OpenShift's Jenkins

capability Explore mechanisms for separating and managing configuration from static runtime software Learn how to use and customize OpenShift's source-to-image capability Delve into management and operational considerations when working with OpenShift-based application workloads Install a self-contained local version of the OpenShift environment on your computer

Keen to build web applications for the cloud? Get a quick hands-on introduction to OpenShift, the open source Platform as a Service (PaaS) offering from Red Hat. With this practical guide, you'll learn the steps necessary to build, deploy, and host a complete real-world application on OpenShift without having to slog through long, detailed explanations of the technologies involved. OpenShift enables you to use Docker application containers and the Kubernetes cluster manager to automate the way you create, ship, and run applications. Through the course of the book, you'll learn how to use OpenShift and the Wildfly application server to build and then immediately deploy a Java application online. Learn about OpenShift's core technology, including Docker-based containers and Kubernetes Use a virtual machine with OpenShift installed and configured on your local environment Create and deploy your first application on the OpenShift platform Add language runtime dependencies and connect to a database Trigger an automatic rebuild and redeployment when you push changes to the repository Get a working environment up in minutes with application templates Use commands to check and debug your application Create and build Docker-based images for your application

Consisting of a number of well-known open source products, JBoss is more a family of interrelated services than a single monolithic application. But, as with any tool that's as feature-rich as JBoss, there are number of pitfalls and complexities, too. Most developers struggle with the same issues when deploying J2EE applications on JBoss: they have trouble getting the many J2EE and JBoss deployment descriptors to work together; they have difficulty finding out how to get started; their projects don't have a packaging and deployment strategy that grows with the application; or, they find the Class Loaders confusing and don't know how to use them, which can cause problems. JBoss at Work: A Practical Guide helps developers overcome these challenges. As you work

through the book, you'll build a project using extensive code examples. You'll delve into all the major facets of J2EE application deployment on JBoss, including JSPs, Servlets, EJBs, JMS, JNDI, web services, JavaMail, JDBC, and Hibernate. With the help of this book, you'll:

- Implement a full J2EE application and deploy it on JBoss
- Discover how to use the latest features of JBoss 4 and J2EE 1.4, including J2EE-compliant web services
- Master J2EE application deployment on JBoss with EARs, WARs, and EJB JARs
- Understand the core J2EE deployment descriptors and how they integrate with JBoss-specific descriptors
- Base your security strategy on JAAS

Written for Java developers who want to use JBoss on their projects, the book covers the gamut of deploying J2EE technologies on JBoss, providing a brief survey of each subject aimed at the working professional with limited time. If you're one of the legions of developers who have decided to give JBoss a try, then *JBoss at Work: A Practical Guide* is your next logical purchase. It'll show you in plain language how to use the fastest growing open source tool in the industry today. If you've worked with JBoss before, this book will get you up to speed on JBoss 4, JBoss WS (web services), and Hibernate 3.

Deploying to OpenShift

JBoss EAP6 High Availability

OpenShift for Developers

Apache Tomcat 7

Oracle Application Server 10g

Build robust and reliable Java applications that works on modern infrastructure, such as containers and cloud, using the new features in Quarkus 1.0

Key Features

- Build apps with faster boot time and low RSS memory using the latest Quarkus 1.0 features
- Seamlessly integrate imperative and reactive programming models to build modern Java applications
- Discover effective solutions for running Java on serverless apps, microservices, containers, FaaS, and the cloud

Book Description Quarkus is a new Kubernetes-native framework that allows Java developers to combine the power of containers, microservices, and cloud-native to build reliable applications. The book is a development guide that will teach you how to build Java-native applications using Quarkus and GraalVM. We start by learning about the basic concepts of a cloud-

native application and its advantages over standard enterprise applications. Then we will quickly move on to application development, by installing the tooling required to build our first application on Quarkus. Next, we'll learn how to create a container-native image of our application and execute it in a Platform-as-a-Service environment such as Minishift. Later, we will build a complete real-world application that will use REST and the Contexts and Dependency injection stack with a web frontend. We will also learn how to add database persistence to our application using PostgreSQL. We will learn how to work with various APIs available to Quarkus such as Camel, Eclipse MicroProfile, and Spring DI. Towards the end, we will learn advanced development techniques such as securing applications, application configuration, and working with non-blocking programming models using Vert.x. By the end of this book, you will be proficient with all the components of Quarkus and develop blazing fast applications leveraging modern technology infrastructure. What you will learn

Build a native application using Quarkus
and GraalVM
Secure your applications using Elytron and the MicroProfile JWT extension
Manage data persistence with Quarkus using PostgreSQL
Use a non-blocking programming model with Quarkus
Learn how to get Camel and Infinispan working in native mode
Deploy an application in a Kubernetes-native environment using Minishift
Discover Reactive Programming with Vert.x

Who this book is for
The book is for Java developers and software architects who are interested in learning a promising microservice architecture for building reliable and robust applications. Knowledge of Java, Spring Framework, and REST APIs is assumed.

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 Java™ 2 Platform Standard Edition (J2SE™) and Java 2 Platform Enterprise Edition (J2EE™) 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

The Liferay Portal Administrator's Guide is your complete guide to installing, integrating, configuring, and maintaining a Liferay Portal server. This comprehensive guide will show you how to bring up a Liferay Portal server and keep it running. From installing a bundle to configuring a Liferay cluster, every aspect of running Liferay Portal is covered.

Provides advice for deploying and administering JBoss and J2EE applications, covering topics such as infrastructure, messaging, mail, transactions, security, and connectivity.

Guide to J2EE: Enterprise Java

Installation and Configuration Guide for MicroStrategy 9. 3

Spring Data

WildFly: New Features

Java Application Development on Linux

JBoss in Action is a complete guide to JBoss 5 Application Server, from installation and configuration to production deployment. The book focuses on those things that separate JBoss from other Java EE servers, leading you through component containers, such as the JBoss web Server, the EJB3 server, and JBoss Messaging. It gives you detailed insight into security, performance, and clustering. The JBoss Application Server Application Services JBoss Portal Going to Production

An easy-to-follow guide full of hands-on examples of real-world administration tasks. JBoss EAP6 High Availability is ideal for those who want to learn how to use JBoss EAP6 to set up a cluster. Basic knowledge of Linux/Unix is required.

Get an in-depth tour of OpenShift, the container-based software deployment and management platform from Red Hat that provides a secure multi-tenant environment for the enterprise. This practical guide describes in detail how OpenShift, building on Kubernetes, enables you to automate the way you create, ship, and run applications in a containerized environment. Author Graham Dumpleton provides the knowledge you need to make the best use of the OpenShift container platform to deploy not only your cloud-native applications, but also more traditional stateful applications. Developers and administrators will learn how to run, access, and manage containers in OpenShift, including how to orchestrate them at scale. Build application container images from source and deploy them Implement and extend application image builders Use incremental and chained builds to accelerate build times Automate builds by

using a webhook to link OpenShift to a Git repository Add configuration and secrets to the container as project resources Make an application visible outside the OpenShift cluster Manage persistent storage inside an OpenShift container Monitor application health and manage the application lifecycle This book is a perfect follow-up to *OpenShift for Developers: A Guide for Impatient Beginners* (O'Reilly).

Apache Tomcat is the most popular open-source de-facto Java Web application server, standard for today's Web developers using JSP/Servlets. *Apache Tomcat 7* covers details on installation and administration of Apache Tomcat 7. It explains key parts of the Tomcat architecture, and provides an introduction to Java Servlet and JSP APIs in the context of the Apache Tomcat server. In addition to basic concepts and administration tasks, *Apache Tomcat 7* covers some of the most frequently used advanced features of Tomcat, including security, Apache web server integration, load balancing, and embedding Tomcat server in Java applications. Finally, through a practical primer, it shows how to integrate and use some of the most popular Java technologies with Apache Tomcat. In summary, *Apache Tomcat 7* offers both novice and intermediate Apache Tomcat users a practical and comprehensive guide to this powerful software.

Quickstart guide for developing,deploying and securing Java EE applications on WildFly application server

Configuring and Deploying Open Source with IBM WebSphere Application Server Liberty Profile

Practical Java EE Development on WildFly

Liferay Beginner's Guide

NetBeans: The Definitive Guide