

## Using Netbeans And The Derby Database For Projects

Servlet and JavaServer Pages (JSP) are the underlying technologies for developing web applications in Java. They are essential for any programmer to master in order to effectively use frameworks such as JavaServer Faces, Struts 2 or Spring MVC. Covering Servlet 3.1 and JSP 2.3, this book explains the important programming concepts and design models in Java web development as well as related technologies and new features in the latest versions of Servlet and JSP. With comprehensive coverage and a lot of examples, this book is a guide to building real-world applications.

Beginning Database-Driven Application Development in Java™ EE: Using GlassFish™ focuses on the open source GlassFish persistence engine. This book shows Java programmers how to develop applications utilizing relational database technologies with examples using Oracle and MySQL and the GlassFish application development framework and deployment platform all based on Java EE. The book explains in detail how you can organize your Java EE solution into a multilayer architecture, placing most emphasis on how to implement the persistence and database tiers of an application. Through many examples, this book shows how you can efficiently use the Java Persistence features available in the Java EE platform. Find out how you can greatly simplify the task of building the persistence layer of your Java EE application by moving some application logic into the underlying database, utilizing database views, stored programs, and triggers. The book also explains how to deploy Java EE applications to GlassFish, a free, open source Java EE 5-compliant application server.

Beginning NetBeans IDE is your authoritative tutorial for learning and using the open source NetBeans IDE platform backed by Oracle. Written by a NetBeans product manager at Oracle, Geertjan Wielenga shows you what NetBeans really is all about and how to install and set it up. Then, right away, he shows you how to write your first simple NetBeans Java application. In this book, you get a tour of the various, essential and key NetBeans wizards and plug-ins. Then, you start building a more complex Java-based application using the NetBeans IDE. And, you learn how to improve that application by exploring the NetBeans refactoring, testing/debugging, profiling and distribution tools. After reading and using this tutorial, you'll come away with a working case study that you can re-apply as a template for your own specific needs. You'll have an understanding of the key essentials of the popular NetBeans IDE.

With the entry of many global players and tie-up of Indian finance companies with multinational insurance companies, the Indian insurance sector is making rapid strides. This book provides an insight into the operational policies, practices and issues relating to the insurance business, with the latest trends in this sector. Divided into two parts and containing 21 chapters, the book has contributions from experts in their area of specialization. The first part contains an overview of insurance and its role in the services sector. It also examines the current status of development and future prospects of insurance industry in India, and proceeds to discuss factors affecting selection of life insurance products. The second part deals in details with rural, social and health insurance. It also covers the Gratuity system and Bancassurance. The book is intended as a text for postgraduate students of management (Finance specialization), and finance and professionals who have an interest in the increasingly expanding area.

NetBeans 6 in Simple Steps

The Definitive Guide to NetBeans™ Platform 7

Design, Build, Test, and Debug Service-oriented Applications with Ease Using XML, BPEL, and Java Web Services

Beginning Java 8 APIs, Extensions and Libraries

Java for Programmers

**Pro NetBeans IDE 6 Rich Client Platform Edition is the second Apress book to cover the agile, open source NetBeans IDE platform. The book focuses on the new features of NetBeans 6 as well as what has changed since NetBeans 5.5, empowering you to be a more effective and productive developer. Enables you to click and use any of the Java Swing and other desktop Java graphical user interface (GUI) APIs available in Java SE 6 or prior Covers working with rich client platform features available in NetBeans for building web-based application front ends Shows you the web-tier development plug-ins available including JSF, Struts Action Framework 2.0, and JRuby for bringing the Ruby on Rails feature set to Java via NetBeans For building back-end, server-side Java applications, pick up Pro NetBeans IDE 5.5 Enterprise Edition, which is based on APIs found in the Java EE 5. What you'll learn Easily install and set up your NetBeans IDE platform environment, and organize your projects Use the NetBeans source editor, code compiler, refactoring, software development, profiler, collaboration, database, and debugger tools Develop your Java Swing application for your desktop from start to finish Deploy your Java Swing or other GUI application using Java Web Start features embedded in NetBeans Build rich client applications using NetBeans plug-in module tools/features from start to finish Extend your NetBeans IDE wish list to building Struts 2 and even JRuby (Ruby on Rails) based Java web application front ends Who this book is for Intended for Java developers of varying skill who may or may not be familiar with NetBeans IDE or Java IDEs in general.**

**Step by Step guide to develop a Java based web and enterprise application DESCRIPTION Web Application using JSP is a text book and reference for the people who wish to learn and develop a Java based web and enterprise application. It covers all the major topics in JSP. By providing more examples and programs, the learner can develop a fully-functional web application. All the programs are developed and tested with major IDE. First it takes the learner into the world of web application development through the introductory chapter. Later on the JSP is introduced to the learner to make the server-side scripting easy and elegant. Two chapters have been dedicated entirely for database handling through JSP using JDBC and Hibernate. MVC is given to let the learner to integrate features of Servlets and JSP. Producing the HTML page is not the only way for outputting the results of the web application, so two chapters are allotted to teach the learners to output the results of the web application in various forms such PDF, WORD, EXCEL. KEY FEATURES Correct sequence of the chapters that help the learners to become expertise One stop solution for the Java based web application development In-depth explanation of topics More number of programs are given to understanding the topic Developing fully functional application is the primary objective of this, instead of teaching merely topics New areas such as Apache POI, Hibernate Dedicated chapter for MVC design pattern WHAT WILL YOU LEARN Fundamentals of Web Application and Java Server Page Developing and Executing JSP Program Scripting Elements and Implicit Objects JSP Document and Action Elements, JSP with Hibernate, Database Access in JSP Exception Handling and Expression Language Session Management, Custom Tags and Filters JSTL (JSP Standard Tag Library) MVC based Web Application Apache POI, Generating PDF Document WHO THIS BOOK IS FOR Graduate, Post graduate, Academicians, Educationists, Professionals. Table of Contents 1. Fundamentals of Web Application 2. Fundamentals of Java Server Page 3. Developing and Executing JSP Program 4. Scripting Elements 5. Implicit Objects 6. JSP Document and Action Elements 7. Exception Handling and Expression Language 8. Session Management 9. Custom Tags and Filters 10. JSTL (JSP Standard Tag Library) 11. Database Access in JSP 12. MVC based Web Application 13. Apache POI 14. Generating PDF Document 15. JSP with Hibernate**

**This book introduces basic SOA concepts and shows how you can use NetBeans and OpenESB tools to design and deploy composite applications. After introducing the SOA concepts, you are introduced to various NetBeans Editors and aids that you need to understand and work with for designing a composite application. For example you are introduced to a WSDL editor before dealing with web services. The last part of the book deals with a full-fledged incremental example on how you can build a complex composite application with key screenshots accompanied by the source code available on the website. This book is for enterprise developers and architects interested in using NetBeans IDE and OpenESB tools to build their SOA based applications.**

**"This volume addresses a variety of issues, in particular the emergence of societal phenomena in the interactions of systems of agents (software, robot or human)"--Provided by publisher.**

**Beginning Database-Driven Application Development in Java EE**

**Phil's Java Tutorial: Java for the Autodidact**

**For Java Developers**

**Java EE 7: The Big Picture**

**Java 8 Recipes**

**Java in 21 Days, Sams Teach Yourself (Covering Java 8)**

Quickly find solutions to dozens of common programming problems with the Java Enterprise Edition Platform for small business web applications, enterprise database applications, and microservices solutions. Content is presented in the popular problem-solution format. Look up the programming problem that you want to solve. Read the solution. Apply the solution directly in your own code. Problem solved! Java EE 8 Recipes provides you with effective and proven solutions that can be used to accomplish just about any task that you may encounter. You can feel confident using the reliable solutions that are demonstrated in this book in your personal or corporate environment. Java is a mature programming language that has been refined over the years into a productive and lucrative language for those with the skills to wield it. One result of this years-long refining process is that the language carries forward many older feature sets that no longer represent the best way of getting work accomplished. You can rest assured that Java EE 8 Recipes provides solutions using the most current approaches implemented in the most current Java Enterprise technologies, including JSON-P 1.1, JSF 2.3, and JAX-RS 2.1. Build a streamlined and reliable application that uses the latest in Java technologies, and develop it much faster than you did with the older technologies. Rejuvenate your Java expertise to use the freshest capabilities, or perhaps learn Java Enterprise development for the first time and discover one of the most widely used and most powerful technologies available for application development today. Develop productively. Develop with proven technology. Develop with Java Enterprise Edition. The book: Teaches how to develop RESTful enterprise applications quickly using the most current Java EE technologies Explores different solutions for developing sophisticated web user interfaces Walks you through a myriad of different concepts to apply while working with databases using Java technologies What You'll Learn Develop Java Enterprise applications using the latest in Java EE technologies Build great-looking user interfaces using Java Server Faces Employ Java Servlet technology and standard frameworks in developing professional web applications Create enterprise-level database applications using Enterprise Java Beans and JAX-RS RESTful web services Make use of Arquillian to build a cohesive test suite for Java EE applications Manage Java EE application security through Java EE's container feature set Who This Book Is For Java developers who want to develop effective and proven solutions without reading a lengthy manual and scrubbing for techniques. A beginning Java programmer will find the book handy for learning a variety of different solutions for the platform, while advanced developers will enjoy the ease of the problem-solution approach to quickly broaden their knowledge of the platform's latest technologies.

Java Enterprise Edition (Java EE) continues to be one of the leading Java technologies and platforms from Oracle (previously Sun). Beginning Java EE 6 Platform with GlassFish 3, Second Edition is this first tutorial book on the final version of the Java EE 6 Platform. Step by step and easy to follow, this book describes many of the Java EE 6 specifications and reference implementations, and shows them in action using practical examples. This book uses the new version of GlassFish 3 to deploy and administer the code examples. Written by an expert member of the Java EE 6 specification request and review board in the Java Community Process (JCP), this book contains the best information possible, from an expert's perspective on enterprise Java technologies.

NetBeans 6 in Simple StepsDreamtech Press

Learn how to develop REST-style and SOAP-based web services and clients with this quick and thorough introduction. This hands-on book delivers a clear, pragmatic approach to web services by providing an architectural overview, complete working code examples, and short yet precise instructions for compiling, deploying, and executing them. You'll learn how to write services from scratch and integrate existing services into your Java applications. With greater emphasis on REST-style services, this second edition covers HttpServlet, Restlet, and JAX-RS APIs; jQuery clients against REST-style services; and JAX-WS for SOAP-based services. Code samples include an Apache Ant script that compiles, packages, and deploys web services. Learn differences and similarities between REST-style and SOAP-based services Program and deliver RESTful web services, using Java APIs and implementations Explore RESTful web service clients written in Java, JavaScript, and Perl Write SOAP-based web services with an emphasis on the application level Examine the handler and transport levels in SOAP-based messaging Learn wire-level security in HTTP(S), users/roles security, and WS-Security Use a Java Application Server (JAS) as an alternative to a standalone web server

Java For Dummies

Beginning Java EE 6 with GlassFish 3

Practical JSF in Java EE 8

Java EE 8 Recipes

Critical Approaches to Information Retrieval Research

From Novice to Professional

Master building complex applications with NetBeans to become more proficient programmers About This Book Customize NetBeans to fit your unique needs Excel in NetBeans IDE, learning the shortcuts and hidden features to become more productive A comprehensive guide to become more productive at application development using NetBeans IDE Who This Book Is For If you are a competent developer who wants to fast-track your application development with NetBeans IDE, then this book is for you. Reasonable knowledge and an understanding of Java programming and NetBeans IDE is assumed. What You Will Learn Install NetBeans either from a distribution package or from source code Test, debug, and run production code using the NetBeans IDE Use external services such as PaaS environments and web services Create desktop applications using Swing tools Manage and configure relational databases Build a Java business model and web tiers using Java EE and Spring technologies Explore web services both with XML and RESTful approaches Handle external services such as databases, Maven repositories, and cloud providers Extend NetBeans for those situations where you require more from your IDE In Detail With the increasing complexity of software development and the abundance of tools available, learning your IDE in-depth will instantly increase your developer productivity. NetBeans is the only IDE that can be downloaded with Java itself and provides you with many cutting edge features not readily available with many IDEs. The IDE also provides a great set of tools for PHP and C/C++ developers. It is free and open source and has a large community of users and developers around the world. This book will teach you to ace NetBeans IDE and make use of it in creating Java business and web services. It will help you to become a proficient developer and use NetBeans for software development. You will learn effective third-party interaction and enable yourself for productive database development. Moving on, you will see how to create EJB projects and write effective and efficient web applications. Then you will learn how to use Swing and manage and configure a relational database. By the end of the book, you will be able to handle external services such as databases, Maven repositories, and cloud providers, and extend your NetBeans when you require more from your IDE. Style and approach An easy-to-follow yet comprehensive guide to help you master the exhaustive range of NetBeans features in order to become more efficient at Java programming. More advanced topics are covered in each chapter, with subjects grouped according to their complexity as well as their utility.

Introducing Java EE 7: A Look at What's New guides you through the new features and enhancements in each of the technologies comprising the Java EE platform. Readers of this book will not have to wade through introductory material or information covering features that have been part of the EE platform for years. Instead, developers can pick this book up and read it to brush up on those features that have changed or have been added for the EE 7 release. This handy reference helps you move forward from Java EE 6 to the new EE 7 platform quickly and easily. Java is a mature programming language that has been refined over the years into a productive language widely used in enterprise application development. Although the language contains frameworks and methodologies that have been used for years, it is important to make use of the most current features available in the language in order to achieve the best results. Introducing Java EE 7: A Look at What's New covers the solutions using the most current Java Enterprise technologies, including EJB 3.2, JSF 2.2, and JAX-RS 2.0. Build a streamlined and reliable application that uses the latest in Java technologies, and develop it much faster than you did with the older technologies. Rejuvenate your Java expertise to use the freshest capabilities, or perhaps learn Java Enterprise development for the first time and discover one of the most widely used and most powerful technologies available for application development today. Get up and running quickly with the new features of EE 7! Designed to get you up and running quickly with the newly released Java EE 7 Includes real world examples of how to use new and updated features. Demonstrates the latest productivity enhancements in the platform

Beginning Java 8 APIs, Extensions and Libraries completes the Apress Java learning journey and is a comprehensive approach to learning the Java Swing, JavaFX, Java Scripting, JDBC and network programming APIs. This book covers the key extensions of the Java programming language such as Swing, JavaFX, network programming, and JDBC. Each topic starts with a discussion of the topic's background. A step-by-step process, with small snippets of Java code, provides easy-to-follow instructions. At the end of a topic, a complete and ready-to-run Java program is provided. This book contains over 130 images and diagrams to help you visualize and better understand the topics. More than 130 complete programs allow you to practice and quickly learn the topics. The Swing chapters discuss various aspects of working with a GUI, from the very basic concepts of developing a Swing application, to the most advanced topics, such as decorating a Swing component with a JLayer, drag-and-drop features, Synth Skinnable L&F, etc. The chapter on network programming covers the basics of network technologies first, and then, the advanced topics of network programming, using a Java class library. It covers IPv4 and IPv6, addressing schemes, subnetting, supernetting, multicasting, TCP/IP sockets, UDP sockets, asynchronous socket I/O, etc. The chapter on JDBC provides the details of connecting and working with databases such as Oracle, SQL Server, MySQL, DB2, Java DB (Apache Derby), Sybase, Adaptive Server Anywhere, etc. It contains a complete discussion on processing a ResultSet and a RowSet. It discusses how to use the RowSetFactory, to obtain a RowSet object of a specific type. Working with Large Objects (LOBs), such as Blob, Clob, and NClob, is covered in detail with Java code examples and database scripts.

The Definitive Guide to NetBeans™ Platform is a thorough and definitive introduction to the NetBeans Platform, covering all its major application programming interfaces (APIs) in detail, with relevant code examples used throughout. The original German book on which this title is based was well received. The NetBeans platform community has put together this English translation, which author Heiko Böck updated to cover NetBeans platform 6.5 APIs. With an introduction by known NetBeans platform experts Jaroslav Tulach, Tim Boudreau, and Geertjan Wielenga, this is the most up-to-date book on this topic. All NetBeans platform developers will be interested in purchasing it, because several topics in the book have not been documented anywhere else.

Beginning EJB 3

Beginning Java EE 7

Hands-on MuleSoft Anypoint Platform Volume 3

With JavaFX, JDBC, jmod, jlink, Networking, and the Process API

Proceedings of ICICCT 2019

Sams Teach Yourself Java in 21 Days (Covering Java 12), Barnes & Noble Exclusive Edition

The NetBeans Platform is the world's only modular Swing application framework, used by very large organizations in mission-critical scenarios, such as at Boeing and Northrop Grumman, as well as in the financial sector and in the oil/gas industry. For these large customers in enterprises who are increasingly interested in Maven and OSGi, the book will have particular relevance. The Definitive Guide to NetBeans™ Platform 7 is a thorough and authoritative introduction to the open-source NetBeans Platform, covering all its major APIs in detail, with relevant code examples used throughout. Provides a completely updated definitive guide to the NetBeans Platform, using the latest APIs, coding patterns, and methodologies. Focuses strongly on business features in an application, since Oracle's customers are particularly interested in business-related aspects. For example, how to use OSGi, how to add authentication/security, how to monetize from a modular application. The original German book on which this title is based was well received. The NetBeans Platform Community has put together this English translation, which covers the latest NetBeans Platform 7 APIs. With an introduction by known NetBeans Platform experts Jaroslav Tulach and Tim Boudreau, this is the most up-to-date book on this topic at the moment. All NetBeans Platform developers will gain something from this book, because several topics in the book have not been documented anywhere else.

Java 8 Recipes offers solutions to common programming problems encountered while developing Java-based applications. Fully updated with the newest features and techniques available. Java 8 Recipes provides code examples involving Lambdas,

embedded scripting with Nashorn, the new date-time API, stream support, functional interfaces, and much more. Especial emphasis is given to features such as lambdas that are newly introduced in Java 8. 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 8 Recipes apart. Java 8 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 later. Explanations come later. You are free to crib from the book and apply the code examples directly to your own projects. Covers the newly-released Java 8, including a brand new chapter on lambdas Focuses especially on up-and-coming technologies such as Project Nashorn and Java FX 2.0 Respects your time by focusing on practical solutions you can implement in your own code

This book completes the Apress Java learning journey and is a comprehensive approach to learning Java APIs, extensions, and modules such as Java EE integration, mobile Java modules, JavaFX, and JDBC. In this book, you'll learn how to build user interfaces with Swing and JavaFX as well as how to write network programs with the new Java 9 and much more. Java APIs, Extensions and Libraries is for Java programmers who are familiar with the fundamentals of the Java language and Java programming, who are now ready to call upon the power of extended Java functionality available from the huge array of Java APIs, extensions, and libraries. After reading and learning from this book you'll be ready to become a professional Java programmer. What You 'll Learn Extend your Java skills beyond the fundamental object-oriented concepts and core language features Apply Java Swing for building Java front ends Get started with Java network programming Connect to databases and access data from Java programs using the JDBC API Work with JavaFX, RMI (Remote Method Invocation), and JNI (Java Native Interface) Use the new scripting features of Java Who This Book Is For Java programmers who are familiar with the fundamentals of the Java language and Java programming.

Java Enterprise Edition (Java EE) continues to be one of the leading Java technologies and platforms. Beginning Java EE 7 is the first tutorial book on Java EE 7. Step by step and easy to follow, this book describes many of the Java EE 7 specifications and reference implementations, and shows them in action using practical examples. This definitive book also uses the newest version of GlassFish to deploy and administer the code examples. Written by an expert member of the Java EE specification request and review board in the Java Community Process (JCP), this book contains the best information possible, from an expert 's perspective on enterprise Java technologies.

A Problem-Solution Approach

The Definitive Guide to NetBeans Platform

Java Web Services: Up and Running

Practical JSF Project using NetBeans

Building SOA-based Composite Applications Using NetBeans IDE 6

Web Application Using JSP

*In just 21 days, you can acquire the knowledge and skills necessary to develop applications on your computer, web servers, and mobile devices. With this complete tutorial you'll quickly master the basics and then move on to more advanced features and concepts. Completely updated for Java 11 and 12, this book teaches you about the Java language and how to use it to create applications for any computing environment. By the time you have finished the book, you'll have well-rounded knowledge of Java and the Java class libraries. No previous programming experience required. By following the 21 carefully organized lessons in this book, anyone can learn the basics of Java programming. Learn at your own pace. You can work through each chapter sequentially to make sure you thoroughly understand all the concepts and methodologies, or you can focus on specific lessons to learn the techniques that interest you most. Test your knowledge. Each chapter ends with a Workshop section filled with questions, answers, and exercises for further study. There are even certification practice questions.*

*Completely revised, updated, and expanded to cover the latest features of Java 11 and 12 Learn to develop Java applications using NetBeans—an excellent programming platform Easy-to-understand, practical examples clearly illustrate the fundamentals of Java programming Discover how to quickly develop programs with a graphical user interface Find out about JDBC programming with the Derby database Learn how to use Inner Classes and Lambda Expressions Learn rapid application development with Apache NetBeans Create a game using Java*

*DescriptionWeb Application using JSP is a text book and reference for the people who wish to learn and develop a Java based web and enterprise application. It covers all the major topics in JSP. By providing more examples and programs, the learner can develop a fully-functional web application. All the programs are developed and tested with major IDE. First it takes the learner into the world of web application development through the introductory chapter. Later on the JSP is introduced to the learner to make the server-side scripting easy and elegant. Two chapters have been dedicated entirely for database handling through JSP using JDBC and Hibernate.*

*MVC is given to let the learner to integrate features of Servlets and JSP. Producing the HTML page is not the only way for outputting the results of the web application, so two chapters are allotted to teach the learners to output the results of the web application in various forms such PDF, WORD, EXCEL.Key Features - Correct sequence of the chapters that help the learners to become expertise- One stop solution for the Java based web application development- In-depth explanation of topics - More number of programs are given to understanding the topic- Developing fully functional application is the primary objective of this, instead of teaching merely topics- New areas such as Apache POI, Hibernate- Dedicated chapter for MVC design patternTable of ContentsChapter 1: Fundamentals of Web ApplicationChapter 2: Fundamentals of Java Server PageChapter 3: Developing and Executing JSP ProgramChapter 4: Scripting ElementsChapter 5: Implicit ObjectsChapter 6: JSP Document and Action ElementsChapter 7: Exception Handling and Expression LanguageChapter 8: Session ManagementChapter 9: Custom Tags and FiltersChapter 10: JSTL (JSP Standard Tag Library)Chapter 11: Database Access in JSPChapter 12: MVC based Web ApplicationChapter 13: Apache POIChapter 14: Generating PDF DocumentChapter 15: JSP with Hibernate*

*Information retrieval (IR) is considered to be the science of searching for information from a variety of information sources related to texts, images, sounds, or multimedia. With the rise of the internet and digital databases, updated information retrieval methodologies are essential to ensure the continued facilitation and enhancement of information exchange. Critical Approaches to Information Retrieval Research is a critical scholarly publication that provides multidisciplinary examinations of theoretical innovations and methods in information retrieval technologies including search and storage applications for data, text, image, sound, document, and video retrieval.*

*Featuring a wide range of topics including data mining, machine learning, and ontology, this book is ideal for librarians, software engineers, data scientists, professionals, researchers, information engineers, scientists, practitioners, and academicians working in the fields of computer science, information technology, information and communication sciences, education, health, library, and more.*

*Java Enterprise Edition (Java EE) continues to be one of the leading Java technologies and platforms from Oracle (previously Sun). Beginning Java EE 6 Platform with GlassFish 3, Second Edition is this first tutorial book on the final (RTM) version of the Java EE 6 Platform. Step by step and easy to follow, this book describes many of the Java EE 6 specifications and reference implementations, and shows them in action using practical examples. This book uses the new version of GlassFish 3 to deploy and administer the code examples. Written by an expert member of the Java EE 6 specification request and review board in the Java Community Process (JCP), this book contains the best information possible, from an expert's perspective on enterprise Java technologies.*

Social and Cultural Interactions

Mastering NetBeans

Covering Java 7 and Android

Implement various connectors including Database, File, SOAP, Email, VM, JMS, AMQP, Scripting, SFTP, LDAP, Java and ObjectStore (English Edition)

Handbook of Research on Agent-Based Societies: Social and Cultural Interactions

Swing, JavaFX, JavaScript, JDBC and Network Programming APIs

A new edition of a best-selling Java tutorial covers the latest developments in Java—with special emphasis on Android programming—as well as core Java programming topics for those familiar with the basics of programming but new to Java. Original.

Pro NetBeans aims to publish on the NetBeans Java IDE, a market that is now under-represented in the marketplace, unlike the near saturation of Eclipse books. Specifically, this book aims to be first to market on the new NetBeans 5.5 Java IDE, based on the relatively new Java EE 5 platform and J2SE 5. It discusses real life case studies and directly relates the material to topics the reader can quickly understand. The book is intended for Java developers of varying skill who may or may not be familiar with Netbeans IDE or Java IDEs in general. Netbeans IDE is an amazing tool for rapidly developing Java applications.

In just 21 days you can acquire the knowledge and skills necessary to develop applications on your computer and apps that run on Android phones and tablets. With this complete tutorial you'll quickly master the basics and then move on to more advanced features and concepts. Completely updated for Java 8, this book teaches you about the Java language and how to use it to create applications for any computing environment and Android apps. By the time you have finished the book, you'll have well-rounded knowledge of Java and the Java class libraries. Using your new skills, you will be able to develop your own programs for tasks such as web services, database connectivity, XML processing, and mobile programming. No previous programming experience required. By following the 21 carefully organized lessons in this book, anyone can learn the basics of Java programming. Learn at your own pace. You can work through each chapter sequentially to make sure you thoroughly understand all the concepts and methodologies, or you can focus on specific lessons to learn the techniques that interest you most. Test your knowledge. Each chapter ends with a Workshop section filled with questions, answers, and exercises for further study. There are even certification practice questions. Completely revised, updated, and expanded to cover the latest features of Java 8 Learn to develop Java applications and Android apps using NetBeans and Google's new Android Studio – two excellent (and free!) programming platforms Covers new features of Java 8 such as closures, the most eagerly anticipated language feature in years Easy-to-understand, practical examples clearly illustrate the fundamentals of Java programming Discover how Swing can help you quickly develop programs with a graphical user interface Find out about JDBC 4.2 programming with the Derby database and XML parsing with the open source XOM class library Learn how to use streams to write programs that communicate with the Internet, including socket programming, buffers, channels, and URL handling. Contents at a Glance WEEK 1: The Java Language DAY 1 Getting Started with Java DAY 2 The ABCs of Programming DAY 3 Working with Objects DAY 4 Lists, Logic, and Loops DAY 5 Creating Classesand Methods DAY 6 Packages, Interfaces, and Other Class Features DAY 7 Exceptions and Threads WEEK 2: The Java Class Library DAY 8 Data Structures DAY 9 Working with Swing DAY 10 Building a Swing Interface DAY 11 Arranging Components on a User Interface DAY 12 Responding to User Input DAY 13 Creating Java2D Graphics DAY 14 Developing Swing Applications WEEK 3: Java Programming DAY 15 Working with Input and Output DAY 16 Using Inner Classes and Closures DAY 17 Communicating Across the Internet DAY 18 Accessing Databases with JDBC 4.2 and Derby DAY 19 Reading and Writing RSS Feeds DAY 20 XML Web Services DAY 21 Writing Android Apps for Java APPENDIX A Using the NetBeans IDE APPENDIX B This Book's Website APPENDIX C Fixing a Problem with the Android Studio Emulator APPENDIX D Using the Java Development Kit APPENDIX E Programming with the Java Development Kit

Take a problem-solution approach to programming enterprise Java applications and microservices for cloud-based solutions, enterprise database applications, and even small business web applications. This book provides effective and proven code snippets that you can immediately use to accomplish just about any task that you may encounter. You can feel confident using the reliable solutions that are demonstrated in this book in your personal or corporate environment. Java EE was made open source under the Eclipse Foundation, and Jakarta EE is the new name for what used to be termed the Java Enterprise Edition Platform. This book helps you rejuvenate your Java expertise and put the platform's latest capabilities to use in quickly developing robust applications. If you are new to Jakarta EE, this book will help you learn features of the platform, and benefit from one of the most widely used and powerful technologies available for application development today. Examples in Jakarta EE Recipes highlight Jakarta EE's capabilities, helping you to build streamlined and reliable applications using the latest in Java technologies. The book takes a problem-solution approach in which each section introduces a common programming problem, showing you how to best solve that problem using the latest features in Jakarta EE. Solutions are presented in the form of working code examples that you can download and use immediately in your own projects. Clear descriptions are given so you can understand and learn to build further on the solutions that are provided. This is the ideal book for the code-focused programmer interested in keeping up with the future of enterprise development on the Java Platform. What You Will LearnDevelop enterprise Java applications using the now open source Jakarta EE platform Create great-looking user interfaces using Jakarta Server Faces and the Eclipse Krazo framework Build database applications using Jakarta Enterprise Beans and Jakarta RESTful web services Automate testing through cohesive test suites built on Arquillian for Jakarta EE applications Deploy microservices applications in cloud environments using Docker Secure applications utilizing the Jakarta EE Security API and JSON Web Tokens Who This Book Is For Java developers interested in quickly finding effective and proven solutions without reading through a lengthy manual and scrubbing for techniques

JavaFX Rich Client Programming on the NetBeans Platform

Pro Netbeans IDE 6 Rich Client Platform Edition

Sams Teach Yourself Java in 21 Days

Jakarta EE Recipes

Sams Teach Yourself Java in 21 Days (Covers Java 11/12)

A Look at What's New

A new edition of the bestselling guide to Java If you want to learn to speak the world's most popular programming language like a native, Java For Dummies is your ideal companion. With a focus on reusing existing code, it quickly and easily shows you how to create basic Java objects, work with Java classes and methods, understand the value of variables, learn to control program flow with loops or decision-making statements, and so much more! Java is everywhere, runs on almost any computer, and is the engine that drives the coolest applications. Written for anyone who's ever wanted to tackle programming with Java but never knew quite where to begin, this bestselling guide is your ticket to success! Featuring updates on everything you'll encounter in Java 9—and brimming with tons of step-by-step instruction—it's the perfect resource to get you up and running with Java in a jiffy! Discover the latest features and tools in Java 9 Learn to combine several smaller programs to create a bigger program Create basic Java objects and reuse code Confidently handle exceptions and events If you're ready to jump into Java, this bestselling guide will help keep your head above water!

● PRACTICAL, EXAMPLE-RICH COVERAGE OF: Classes, Objects, Encapsulation, Inheritance, Polymorphism, Interfaces, Nested Classes Integrated OOP Case Studies: Time, GradeBook, Employee Industrial-Strength, 95-Page OOD/UML® 2 ATM Case Study JavaServer™ Faces, Ajax-Enabled Web Applications, Web Services, Networking JDBC™, SQL, Java DB, MySQL® Threads and the Concurrency APIs I/O, Types, Control Statements, Methods Arrays, Generics, Collections Exception Handling, Files GUI, Graphics, GroupLayout, JDIC Using the Debugger and the API Docs And more... VISIT WWW.DEITEL.COM For information on Deitel's Dive Into® Series corporate training courses offered at customer sites worldwide (or write to deitel@deitel.com) Download code examples Check out the growing list of programming, Web 2.0, and software-related Resource Centers To receive updates for this book, subscribe to the free DEITEL® BUZZ ONLINE e-mail newsletter at www.deitel.com/newsletter/subscribe.html Read archived issues of the DEITEL® BUZZ ONLINE The practicing 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 the concepts in the context of fully tested programs, complete with syntax shading, code highlighting, line-by-line code descriptions and program outputs. The book features 220 Java applications with over 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. The DEITEL® Developer Series is designed for practicing programmers. The series presents focused treatments of emerging technologies, including Java™, C++, .NET, web services, Internet and web development and more. PRE-PUBLICATION REVIEWER TESTIMONIALS “Presenting software engineering side by side with core Java concepts is highly refreshing; gives readers insight into how professional software is developed.”—Clark Richey (Java Champion), RABA Technologies, LLC. “The quality of the design and code examples is second to none!”—Terrell Hull, Enterprise Architect “The JDBC chapter is very hands on. I like the fact that Java DB/Apache Derby is used in the examples, which makes it really simple to learn and understand JDBC.”—Sandeep Konchady, Sun Microsystems “Equips you with the latest web application technologies. Examples are impressive and real! Want to develop a simple address locator with Ajax and JSF? Jump to Chapter 22.”—Vadhiraj Deshpande, Sun Microsystems “Covers web services with Java SE 6 and Java EE 5 in a real-life, example-based, friendly approach. The Deitel Web Services Resource Center is really good, even for advanced developers.”—Sanjay Dhamankar, Sun Microsystems “Mandatory book for any serious Java EE developer looking for improved productivity: JSF development, visual web development and web services development have never been easier.”—Ludovic Chapenois, Sun Microsystems “I teach Java programming and object-oriented analysis and design. The OOD/UML 2 case study is the best presentation of the ATM example I have seen.”—Craig W. Slinkman, University of Texas-Arlington “Introduces OOP and UML 2 early. The conceptual level is perfect. No other book comes close to its quality of organization and presentation. The live-code approach to presenting exemplary code makes a big difference in the learning outcome.”—Walt Bunch, Chapman University/

This book contains the step by step information about the NetBeans 6.0 IDE. This book is for you if you are familiar with java programming and are looking for a book that effectively explains the concepts of the NetBeans IDE. This book gives the core information about features of the NetBeans IDE and developing applications using the same. This book contains lots of examples and helps you to learn about the NetBeans IDE in an easier way.It is a precise yet complete book that helps you understand different concepts and methodologies involved in developing scalable and distributed applications using NetBeans IDE 6. The book covers all advanced concepts of NetBeans IDE 6 and each concept is explained through simple steps and supported by numerous examples. This makes the book unique in itself.Covers:Features of NetBeans 6.0 IDEInstallation of NetBeans 6.0Exploring NetBeans 6.0 IDECreating a Java ApplicationDeveloping Web Applications in NetBeansDeveloping Enterprise Projects in NetBeansDeveloping Web Services in NetBeansDeveloping NetBeans Plug In ModulesRefactoring Source Code Debugging the ApplicationsPerforming Junit TestingGenerating and Accessing JavadocImplementing Ant Script

● TAGLINE Make Integration simpler and speedy with Enterprise Infrastructure using Anypoint connectors KEY FEATURES ● Application connectors and SaaS connectors are described in detail. ● All programmes (DB, JMS, LDAP) are installed with reference applications and screenshots. ● Real-time use cases for creating APIs and application flows are described. DESCRIPTION Hands-on MuleSoft Anypoint platform Volume 3 offers installation and step-by-step procedures for connecting to various core applications, including "Database, File, SOAP, Email, Virtual Machine, JMS, AMQP, SFTP, LDAP, Java, and ObjectStore." The above connectors' source code and graphics clearly explains how to include modules, configure connectors, test connectivity, and invoke operations. This book explains the business case and endpoint design through the use of a real-world bank application. Using real-world examples such as Workday and Box, you will get well-versed with the fundamental concepts about the connectors. Practicing all of the above activities will help you to gain the experience, but you can also sharpen your skills by incorporating more business principles and procedures. WHAT YOU WILL LEARN ● Acquire knowledge of various connectors for mission-critical enterprise applications and databases ● Learn system application settings, components, including database, SOAP web services and much more ● Learn about Netbeans, ApacheMQ, and WSDL as you integrate the system infrastructure. ● Use-cases and examples to aid in the adoption of the MuleSoft enterprise application. WHO THIS BOOK IS FOR This book is intended for Business Analysts, Quality Engineers, Human Resources, and Information Technology workers. No prior programming knowledge is required. TABLE OF CONTENTS 1. MuleSoft Connectors Introduction 2. Database Connector 3. File Connector 4. SOAP Webservice Connector 5. E-mail Connector 6. VM Connector 7. JMS connector 8. AMQP Connector 9. Script Engine Connector 10. SFTP Connector 11. LDAP Connector 12. Java Connector

Introducing Java EE 7

Servlet & JSP: A Tutorial, Second Edition

Beginning NetBeans IDE

A Quick, Practical, and Thorough Introduction

Beginning EJB in Java EE 8

Java EE 7 Edition

*Build powerful back-end business logic and complex Enterprise JavaBeans (EJB)-based applications using Java EE 8, Eclipse Enterprise for Java (EE4J), Web Tools Project (WTP), and the Microprofile platform. Targeted at Java and Java EE developers, with or without prior EJB experience, this book is packed with practical insights, strategy tips, and code examples. As each chapter unfolds, you'll see how you can apply the new EJB spec to your own applications through specific examples. Beginning EJB in Java EE 8 serves not only as a reference, but also as a how-to guide and repository of practical examples to which you can refer as you build your own applications. It will help you harness the power of EJBs and take your Java EE 8 development to the next level. You'll gain the knowledge and skills you'll need to create the complex enterprise applications that run today's transactions and more. What You'll Learn Build applications with Enterprise JavaBeans (EJBs) in the new Java EE 8 platform Discover when to use EJBs over contexts and dependency injection Use message-driven beans to do tasks asynchronously Integrate EJBs with microservices using the new Eclipse Microprofile project Manage complex enterprise transactions and much more Who This Book Is For Java programmers new to enterprise development and for those who may have experience with EJBs but are new to Java EE 8, EE4J, and related Eclipse projects.*

*"In this Java Database Programming training course, expert author Mike McMillan shows you the concepts and tools you will work with in order to successfully build functional database programs using the popular programming language. You will start out by setting up a database using MySQL. You will learn how to create tables, insert and query data, and update and remove records. From there, Mike will show you how to use Java to connect to MySQL. This video tutorial will also teach you advanced database techniques, including installing, setting up, and creating tables in NetBeans. You will learn how to create a Java/MySQL App and a NetBeans Platform App. Finally you will learn how to use the built-in Derby database in NetBeans. By the completion of this computer based training course, you will have developed the necessary knowledge and skills needed to create exceptional database programs with Java. Working files are included, allowing you to follow along with the author throughout the lessons."--Resource description page.*

*In just 21 days, you can acquire the knowledge and skills necessary to develop applications on your computer and apps that run on Android phones and tablets. With this complete tutorial you'll quickly master the basics and then move on to more advanced features and concepts. Completely updated for Java 11 and 12, this book teaches you about the Java language and how to use it to create applications for any computing environment. By the time you have finished the book, you'll have well-rounded knowledge of Java and the Java class libraries. No previous programming experience required. By following the 21 carefully organized lessons in this book, anyone can learn the basics of Java programming. Learn at your own pace. You can work through each chapter sequentially to make sure you thoroughly understand all the concepts and methodologies, or you can focus on specific lessons to learn the techniques that interest you most. Test your knowledge. Each chapter ends with a Workshop section filled with questions, answers, and exercises for further study. There are even certification practice questions. Completely revised, updated, and expanded to cover the latest features of Java 11 and 12 Learn to develop Java applications using NetBeans—an excellent programming platform Easy-to-understand, practical examples clearly illustrate the fundamentals of Java programming Discover how to quickly develop programs with a graphical user interface Find out about JDBC programming with the Derby database*

*Learn how to use Inner Classes and Lambda Expressions Use Java for game programming Create a Slackbot with Java (Exclusive Bonus Chapter)*

*Master the Java EE 8 and JSF (JavaServer Faces) APIs and web framework with this practical, projects-driven guide to web development. This book combines theoretical background with a practical approach by building four real-world applications. By developing these JSF web applications, you'll take a tour through the other Java EE technologies such as JPA, CDI, Security, WebSockets, and more. In Practical JSF in Java EE 8, you will learn to use the JavaServer Faces web framework in Java EE 8 to easily construct a web-based user interface from a set of reusable components. Next, you add JSF event handling and then link to a database, persist data, and add security and the other bells and whistles that the Java EE 8 platform has to offer. After reading this book you will have a good foundation in Java-based web development and will have increased your proficiency in sophisticated Java EE 8 web development using the JSF framework. What You Will Learn Use the Java EE 8 and the JavaServer Faces APIs to build Java-based web applications through four practical real-world case studies Process user input with JSF and the expression language by building a calculator application Persist data using JSF templating and Java Persistence to manage an inventory of books Create and manage an alumni database using JSF, Ajax, web services and Java EE 8's security features. Who This Book Is For Those new to Java EE 8 and JSF. Some prior experience with Java is recommended.*

*Inventive Communication and Computational Technologies*

*Building Applications with Enterprise JavaBeans*

*Beginning Java EE 6 Platform with GlassFish 3*

*The Big Picture*

*Java APIs, Extensions and Libraries*

*Pro NetBeans IDE 5.5 Enterprise Edition*

JavaFX is a state-of-the-art graphics toolkit that is now built into Java and can be easily integrated with the NetBeans Platform. With JavaFX, you can create advanced user interfaces, manipulate media, generate graphical effects and animations, and much more. The NetBeans Platform provides a framework for building robust, modular applications with long life expectancies. Together, JavaFX and the NetBeans Platform provide the basis for creating visually appealing, industrial-strength applications. Focusing on JavaFX as the front end for rich client applications, this guide's examples cover JavaFX 8 with the NetBeans Platform, NetBeans IDE, and Java 8. Gail and Paul Anderson fully explain JavaFX and its relationship with the NetBeans Platform architecture, and systematically show Java developers how to use them together effectively. Each concept and technique is supported by clearly written code examples, proven through extensive classroom teaching. Coverage includes Background basics with Java, JavaFX, and UI events Building loosely coupled applications NetBeans Platform Modules and Lookup NetBeans Platform Nodes, Explorer Views, and Actions Building CRUD-based applications Integrating JavaFX with a Swing-based framework Using JavaFX Charts with the NetBeans Platform Using the NetBeans Platform File System and Data System Keeping the UI responsive

Develop powerful, standards-based, back-end business logic with Beginning EJB 3, Java EE 7 Edition. Led by an author team with 20 years of combined Enterprise JavaBeans experience, you'll learn how to use the new EJB 3.2 APIs. You'll gain the knowledge and skills you'll need to create the complex enterprise applications that run today's transactions and more. Targeted at Java and Java EE developers, with and without prior EJB experience, Beginning EJB 3 is packed with practical insights, strategy tips, and code examples. As each chapter unfolds, you'll not only explore a new area of the spec; you'll also see how you can apply it to your own applications through specific examples. Beginning EJB 3 will serve not only as a reference, but it will also function as a how-to guide and repository of practical examples to which you can refer as you build your own applications. It will help you harness the power of EJBs and take your Java EE 7 development to the next level. What you'll learn How to employ session beans, message-driven beans, and entity beans How to use the updated EJB 3 persistence and object-relational mappings How to choose which EJB option is right for your application How to enrich your application's behavior with CDI services How to test the EJB container inside and out How to migrate from older EJB to the newest EJB APIs Who this book is for This book is for those Java and Java EE developers with and without prior EJB experience. Table of Contents Introduction to the EJB 3 Architecture Session Beans Entities and the Java Persistence API Advanced Persistence Features Message-Driven Beans EJB and Web Services Integrating Session Beans, Entities, Message-Driven Beans, and Web Services Transaction Management EJB Performance and Testing Context and Dependency Injection (CDI) Packaging and Deployment EJB Client Applications EJB Runtime Environments

This book gathers selected papers presented at the Inventive Communication and Computational Technologies conference (ICICT 2019), held on 29-30 April 2019 at Gnanamani College of Technology, Tamil Nadu, India. The respective contributions highlight recent research efforts and advances in a new paradigm called ISMAC (IoT in Social, Mobile, Analytics and Cloud contexts). Topics covered include the Internet of Things, Social Networks, Mobile Communications, Big Data Analytics, Bio-inspired Computing and Cloud Computing. The book is chiefly intended for academics and practitioners working to resolve practical issues in this area.

The Definitive Guide to Java Platform, Enterprise Edition 7 Java EE 7: The Big Picture uniquely explores the entire Java EE 7 platform in an all-encompassing style while examining each tier of the platform in enough detail so that you can select the right technologies for specific project needs. In this authoritative guide, Java expert Danny Coward walks you through the code, applications, and frameworks that power the platform. Take full advantage of the robust capabilities of Java EE 7, increase your productivity, and meet enterprise demands with h from this Oracle Press resource. Explore the features of the Java servlet model and Java servlet API Create dynamic web content with JavaServer Pages and JavaServer Faces Build websites for nonbrowser clients with JAX-RS Push data to web clients using Java WebSockets Secure web applications Work with web component APIs Maximize enterprise beans for multithreading, asynchronous processes, transactions, and more Access relational databases with the Java Database Connectivity APIs and the Java Persistence API Understand the packaging and deployment mechanisms of Java EE applications Work with Java EE Contexts and Dependency Injection Secure enterprise beans in a Java EE application Enable parallel processing with Java EE concurrency APIs

Web Applications ?in Java for the Enterprise

Using GlassFish

Java Database Programming

Web Applications using JSP (Java Server Page)

Develop a fully functional web application