

Mysql And Jsp Web Applications Data Driven Programming Using Tomcat And Mysql James Turner

This is the only book that teaches developers to build a database-driven Web site using JSP, Java servlets and MySQL. These tools affordably and quickly deliver dynamic Web pages and data repository.

Explains how to build applications with Jakarta Struts, discusses the development framework and its architecture, and provides sample applications.

Your one stop resource for learning to develop valuable web applications for personal, intranet, and workgroup deployment. Dreamweaver Web Application Cookbook teaches the Dreamweaver user how to develop applications that can make their static pages come to life using either ASP or ColdFusion. After a brief introduction to the fundamentals of developing web applications, the book provides detailed solutions combining real-world deconstruction of techniques with step-by-step implementations. Some of the applications that will be presented in this volume include Guest Book, Photo and MP3 Gallery, User Login, Survey Builder, Presentation Builder, Content Management System, and many more. Each recipe will include at least 4 component parts: application structure, database components, data binding issues, and discussion of issues specific to the application.

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

If you plan to develop iOS applications in a corporate setting—for internal consumption or for sale to end users—you need to read this book. Veteran developer James Turner shares best practices and lessons learned from his recent on-the-ground experience planning, building, and shipping an iOS application in an enterprise environment. With lots of examples and solid advice, you'll learn how to use Xcode, Objective-C, and other Apple development tools within the confines of enterprise software methodologies. Don't be deterred by Apple's development philosophy. If you're familiar with Xcode, this guide will help you build and launch enterprise iOS apps successfully. Get Xcode's single-developer model to work in a concurrent development environment Integrate Xcode builds into tools such as Ant and Hudson Use open source libraries to connect iOS with SOAP and other backend services Set up a framework to test iOS apps for code coverage and CCN metrics Manage the legal, marketing, and production issues involved when interacting with iTunes Connect Meet iTunes' requirements for provisioning and distributing your app Provide long-term support by sidestepping Apple's distribution limitations

Beginning JSP", JSF", and Tomcat Web Development is all you need to develop dynamic web applications using JSP, connect to databases with JSF, and put them into action using the world s most popular open source Java web server, Apache Tomcat. · Introducing Javasever Pages And Tomcat· JSP Explained· The Web Page· Databases· At Face Value (JSF Primer)· Communicating With XML· Tomcat 6· Eshop

The book on 'Boosting Java Application Development with Eclipse – Exploring Java Pespectives' is the outcome of years of teaching and software development experience in Java on Eclipse platform. Eclipse is extensible Integrated Development Environment (IDE). The purpose of this book is to provide easy way to carry out software development using Java on Eclipse platform. Its intent is to make students familiar with creation of Java project, Executing RMI Application, JDBC Applications and Web application etc. using Eclipse. It aims to provide comprehensive material on Java programming on Eclipse platform to undergraduate and graduate students as well software developers.

This book covers cutting-edge and advanced research on data processing techniques and applications for Cyber-Physical Systems. Gathering the proceedings of the International Conference on Data Processing Techniques and Applications for Cyber-Physical Systems (DPTA 2019), held in Shanghai, China on November 15–16, 2019, it examines

a wide range of topics, including: distributed processing for sensor data in CPS networks; approximate reasoning and pattern recognition for CPS networks; data platforms for efficient integration with CPS networks; and data security and privacy in CPS networks. Outlining promising future research directions, the book offers a valuable resource for students, researchers and professionals alike, while also providing a useful reference guide for newcomers to the field.

The second instance of the international summer school on Generative and Transformational Techniques in Software Engineering (GTTSE 2007) was held in Braga, Portugal, during July 2–7, 2007. This volume contains an augmented selection of the material presented at the school, including full tutorials, short tutorials, and contributions to the participants workshop. The GTTSE summer school series brings together PhD students, lecturers, technology presenters, as well as other researchers and practitioners who are interested in the generation and the transformation of programs, data, models, metamodels, documentation, and entire software systems. This concerns many areas of software engineering: software reverse and re-engineering, model-driven engineering, automated software engineering, generic language technology, to name a few. These areas differ with regard to the specific sorts of metamodels (or grammars, schemas, formats etc.) that underlie the involved artifacts, and with regard to the specific techniques that are employed for the generation and the transformation of the artifacts. The first instance of the school was held in 2005 and its proceedings appeared as volume 4143 in the LNCS series.

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

Offers an updated tutorial for beginners explaining how to use Java to incorporate games, animation, and special effects into Web pages.

JavaServer Pages (JSP) is a technology for building dynamic web applications that can access databases and provide an interactive experience for users. It's a powerful technology with open source implementations (server and platform independent) for building enterprise Web applications. With JSP, existing business systems can be leveraged with minimal overhead, maintenance, and support. JSP: Practical Guide for Java Programmers is designed to cover the essentials of JSP including the basic JSP constructs and the relevant implicit objects as well as more advanced concepts such as incorporating JavaBeans, developing custom tags, utilizing the JSP expression language, building with the JSP Standard Tag Library, and developing complete JSP-Servlet application. Covers the latest release of JSP, version 2.0, and covers new features such as the Expression Language and Standard Tag Library. Includes a sample application of an electronic bank Web site, showing the power of JSP in providing the foundation for building Web applications.

Provides a clear, straight-to-the-point approach to the JSP so that readers can start using it in their own projects right

away.

Since its first volume in 1960, *Advances in Computers* has presented detailed coverage of innovations in computer hardware, software, theory, design, and applications. It has also provided contributors with a medium in which they can explore their subjects in greater depth and breadth than journal articles usually allow. As a result, many articles have become standard references that continue to be of significant, lasting value in this rapidly expanding field. In-depth surveys and tutorials on new computer technology Well-known authors and researchers in the field Extensive bibliographies with most chapters Many of the volumes are devoted to single themes or subfields of computer science 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

JSP developers encounter unique problems when building web applications that require intense database connectivity. MySQL and JSP Web Applications addresses the challenges of building data-driven applications based on the JavaServer Pages development model. MySQL and JSP Web Applications begins with an overview of the core technologies required for JSP database development--JavaServer Pages, JDBC, and the database schema. The book then outlines and presents an Internet commerce application that demonstrates concepts such as receiving and processing user input, designing and implementing business rules, and balancing the user load on the server. Through the JDBC (Java DataBase Connector), the developer can communicate with most commercial databases, such as Oracle. The solutions presented in MySQL and JSP Web Applications center on the open source tools MySQL and Tomcat, allowing the reader an affordable way to test applications and experiment with the book's examples.

How secure is your network? The best way to find out is to attack it. Network Security Assessment provides you with the tricks and tools professional security consultants use to identify and assess risks in Internet-based networks--the same penetration testing model they use to secure government, military, and commercial networks. With this book, you can adopt, refine, and reuse this testing model to design and deploy networks that are hardened and immune from attack. Network Security Assessment demonstrates how a determined attacker scours Internet-based networks in search of vulnerable components, from the network to the application level. This new edition is up-to-date on the latest hacking techniques, but rather than focus on individual issues, it looks at the bigger picture by grouping and analyzing threats at a high-level. By grouping threats in this way, you learn to create defensive strategies against entire attack categories, providing protection now and into the future. Network Security Assessment helps you assess: Web services, including Microsoft IIS, Apache, Tomcat, and subsystems such as OpenSSL, Microsoft FrontPage, and Outlook Web Access (OWA) Web application technologies, including ASP, JSP, PHP, middleware, and backend databases such as MySQL, Oracle, and Microsoft SQL Server Microsoft Windows networking components, including RPC, NetBIOS, and CIFS services SMTP, POP3, and IMAP email services IP services that provide secure inbound network access, including IPsec, Microsoft PPTP, and SSL VPNs Unix RPC services on Linux, Solaris, IRIX, and other platforms Various types of application-level vulnerabilities that hacker tools and scripts exploit Assessment is the first step any organization should take to start managing information risks correctly. With techniques to identify and assess risks in line with CESG CHECK and NSA IAM government standards, Network Security Assessment gives you a precise method to do just that.

This book comes as an answer for students, lecturers, or the general public who want to learn Java GUI programming starting from scratch. This book is suitable for beginner learners who want to learn Java GUI programming from the basic to the database level. This book is also present for JAVA learners who want to increase their level of making GUI-based database applications for small, medium, or corporate

businesses level. The discussion in this book is not wordy and not theoretical. Each discussion in this book is presented in a concise and clear brief, and directly to the example that implements the discussion. Beginner learners who want to learn through this book should not be afraid of losing understanding of the programming concepts, because this book in detail discusses the concepts of Java programming from the basic to the advanced level. By applying the concept of learning by doing, this book will guide you step by step to start Java GUI programming from the basics until you are able to create database applications using JDBC and MySQL. Here are the material that you will learn in this book. CHAPTER 1 : This chapter will give you brief and clear introduction about how to create desktop application using Java GUI starting from how to setup your environments, create your first project, understand various control for your form, and understand how to interact with your form using event handling. CHAPTER 2 : This chapter will discuss clearly about the concept and the implementatiton of data types and variables in Java GUI. CHAPTER 3 : This chapter will discuss in detail about how to make decisions or deal with a condition in the program. This chapter is the first step to deeper understanding of logics in programming. This chapter specifically discusses relational operators and logical operators, if statements, if-else statements, and switch-case statements, and how to implement all of these conditional statements using Java GUI. CHAPTER 4 : This chapter will discuss in detail the looping statements in Java including for statement, while statement, do-while statement, break statement, and continue statement. All of these looping statements will be implemented using Java GUI. CHAPTER 5 : This chapter will discuss how to use methods to group codes based on their funcitonality. This discussion will also be the first step for programmers to learn how to create efficient program code. This chapter will discuss in detail the basics of methods, methods with return values, how to pass parameters to methods, how to overload your methods, and how to make recursive methods. CHAPTER 6 : This chapter will discuss in detail how to create and use arrays, read and write file operations, and how to display data stored in arrays or files in graphical form. CHAPTER 7 : This chapter will discuss in detail the basics of MySQL, how to access databases using JDBC and MySQL, and how to perform CRUD operations using JDBC and MySQL. CHAPTER 8 : In this chapter we will discuss more about Java GUI programming. This chapter will discuss in detail about how to make a program that consists of multi forms, how to create MDI application, and how to create report using iReport with data stored in a database.

Everything the ColdFusion pro needs to understand Java technology, install and run a Java Web server, write Java apps, and build and deploy JavaServer Pages is in this workbook. Includes practical coverage with loads of code and tips especially for the ColdFusion developer.

Secure your Java applications by integrating the Spring Security framework in your code Key Features Provide authentication, authorization and other security features for Java applications. Learn how to secure microservices, cloud, and serverless applications easily Understand the code behind the implementation of various security features Book Description Security is one of the most vital concerns for any organization. The complexity of an application is compounded when you need to integrate security with existing code, new technology, and other frameworks. This book will show you how to effectively write Java code that is robust and easy to maintain. Hands-On Spring Security 5 for Reactive Applications starts with the essential concepts of reactive programming, Spring Framework, and Spring Security. You will then learn about a variety of authentication mechanisms and how to integrate them easily with the Spring MVC application. You will also understand how to achieve authorization in a Spring WebFlux application using Spring Security. You will be able to explore the security configurations required to achieve OAuth2 for securing REST APIs and integrate security in microservices and serverless applications. This book will guide you in integrating add-ons that will add value to any Spring Security module. By the end of the book, you will be proficient at

integrating Spring Security in your Java applications What you will learn Understand how Spring Framework and Reactive application programming are connected Implement easy security configurations with Spring Security expressions Discover the relationship between OAuth2 and OpenID Connect Secure microservices and serverless applications with Spring Integrate add-ons, such as HDIV, Crypto Module, and CORS support Apply Spring Security 5 features to enhance your Java reactive applications Who this book is for If you are a Java developer who wants to improve application security, then this book is for you. A basic understanding of Spring, Spring Security framework, and reactive applications is required to make the most of the book.

WordPress is much more than a blogging platform. As this practical guide clearly demonstrates, you can use WordPress to build web apps of any type—not mere content sites, but full-blown apps for specific tasks. If you have PHP experience with a smattering of HTML, CSS, and JavaScript, you'll learn how to use WordPress plugins and themes to develop fast, scalable, and secure web apps, native mobile apps, web services, and even a network of multiple WordPress sites. The authors use examples from their recently released SchoolPress app to explain concepts and techniques throughout the book. All code examples are available on GitHub. Compare WordPress with traditional app development frameworks Use themes for views, and plugins for backend functionality Get suggestions for choosing WordPress plugins—or build your own Manage user accounts and roles, and access user data Build asynchronous behaviors in your app with jQuery Develop native apps for iOS and Android, using wrappers Incorporate PHP libraries, external APIs, and web service plugins Collect payments through ecommerce and membership plugins Use techniques to speed up and scale your WordPress app

JavaServer Pages (JSP) and Servlets are nowadays being extensively used to develop web application software. This book provides a comprehensive coverage of the fundamental and the advanced concepts of JavaServer Pages (JSP) and Servlets. It focuses on Server-side Programming using JSP and Servlets; JSP with MySQL; JSP with XML; the Expression Language; JSP Standard Tag Library; Custom Tag Library; Application Event Listeners and Filters. While discussing JSP with MySQL and JSP with XML, the fundamentals of Database Programming and XML are covered in order to lay a proper foundation for discussing SQL and XML tags of JSTL. Similarly, the concept of time zones, locales and resource bundles are explained in detail before discussing JSTL and formatting tags. A separate chapter is dedicated to each of the four tag libraries—Core; SQL; XML; and formatting with detailed coverage of custom tags. The book is designed primarily for the undergraduate and postgraduate students of computer science and engineering, and computer applications. The IT professionals working on Advanced Web technologies and Web Component Development will also find this book useful. KEY FEATURES Sample Programs in each chapter Theory Questions at the end of each chapter for checking the student's grip on the topic Programming Questions at the end of each chapter to test the ability of the reader to apply conceptual knowledge in practical situations

Shows Java developers everything they need to know to buildJava database applications with MySQL. Takes a hands-on, code-intensive approach in which readers willlearn how to build a sophisticated Web database managementapplication. Begins with a review of the fundamentals of MySQL. Explains using Java's JDBC with MySQL, as well as servlet andJSP programming with MySQL. Provides a code-rich tutorial on how to build the sample Javadatabase application using EJBs. The companion Web site provides the full code examples pluslinks to useful sites.

This book focuses on developing methods for constructing learning paths in terms of “learning resources” (learning contents), “learning approaches” (learning method), and “learning quality” (learning performance) to support learning. This book defines different teaching approaches for learning activities and organizes them into a learning path which indicates the learning sequence. This book introduces how

to automatically generate well-structured learning resources for different students. Also, this book introduces a method about how to generate adaptive learning approach to learn learning resources for different students. Finally, this book introduces a method to monitor and control learning quality. The adaptive learning path expresses well-structured learning contents, using which approach to access those learning contents, and in which sequence to carry out the learning process. The learning path comes with a monitoring tool to control the learning progress, which helps to make students having a balanced development on different knowledge and abilities. Researchers who worked in E-learning area, both education and computer sciences people. Educators who worked in educational institutes, such as Universities, Schools, etc. They would like to use or study E-learning tools/technologies/methods in their own work. And technicians who run/design educational websites will understand the appeal of this work.

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

In this book, we aim to describe how to make a computer bend to your will by finding and exploiting vulnerabilities specifically in Web applications. We will describe common security issues in Web applications, tell you how to find them, describe how to exploit them, and then tell you how to fix them. We will also cover how and why some hackers (the bad guys) will try to exploit these vulnerabilities to achieve their own end. We will also try to explain how to detect if hackers are actively trying to exploit vulnerabilities in your own Web applications. Learn to defend Web-based applications developed with AJAX, SOAP, XMLRPC, and more. See why Cross Site Scripting attacks can be so devastating.

Start building Java-based web applications now, even if you're a complete newcomer to Java. Comprehensive and example-driven, this book is all you need to develop dynamic Java-based web applications using JSP, connect to databases with JSF, and put them into action using the popular open source Java web server, Apache Tomcat. Beginning Jakarta EE Web Development is a comprehensive introduction to building Java-based web applications using JavaServer Pages (JSP) using Jakarta Server Pages, JavaServer Faces (JSF) using Jakarta Server Faces, and the Apache Tomcat web application server. Other APIs including JSON and the XML-based job specification language (JSL) are covered along the way. Key concepts are made easy to grasp with numerous working examples and a walk-through of the development of a complete ecommerce project. This book is written for professionals by practicing Java web application professionals and experts. What You Will Learn Build Java-based web applications using JSP and JSF with Eclipse Jakarta EE Use the new Jakarta Server Faces APIs to create JSF applications Work with the new Jakarta Server Pages APIs to create JSPs Integrate and implement JSF and JSP together Build an online ecommerce web application along the way Who This Book Is For Programmers new to programming in Java and programming in general.

The "JSP Standard Tag Library" is a collection of commonly used functions and tools invaluable to JSP developers to avoid recreating the same functions on site after site. This book starts with an in-depth discussion of the JSP STL, then goes beyond the standard library to teach developers to create their own tags to further encapsulate the most common features of their specific applications.

Describes the features and functions of MySQL 5.0 along with short code pieces and programming examples.

Server-Side Development Is Easier Than You Think Not so long ago, anyone who knew HTML, even casually, was considered to have a special skill. Now, if you don't at least dabble in server-side web development, you're already behind. Fortunately, Mastering JSP is a great way to build the skills you need today. Inside, you'll learn to design and develop a wide range of JSP-based web applications, beginning with

a basic, dynamically generated website. From there you'll build apps that read from and write to databases, create your own custom tags, and process and present XML. Throughout, you're helped by detailed, completely illuminated examples. Coverage includes: Making a servlet configurable Using JavaBeans inside Java Server Pages Building basic JavaBeans for storing user preferences and utility functions Recovering source code from binary class files Building a basic database application Handling exceptions and using asserts Redirecting error output to a file Scanning error logs using a servlet Using a pop-up menu to avoid troublesome actions Displaying XML files using XSLT and JSP Making a servlet-based watermarking application Providing dynamic authentication with roles, permissions, and access Building a Model-View Controller application Improving prototyping with ResultSets using a custom class Abstracting data access code using Java Objects Creating a custom tag to handle client-side JavaScript Abstracting data access SQL using meta-data, JavaBeans, and EJB Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

The Asia-Pacific region has emerged in recent years as one of the fastest growing regions in the world in the use of Web technologies as well as in making significant contributions to WWW research and development. Since the first Asia-Pacific Web conference in 1998, APWeb has continued to provide a forum for researchers, professionals, and industrial practitioners from around the world to share their rapidly evolving knowledge and to report new advances in WWW technologies and applications. APWeb 2004 received an overwhelming 386 full-paper submissions, including 375 research papers and 11 industrial papers from 20 countries and regions: Australia, Canada, China, France, Germany, Greece, HongKong, India, Iran, Japan, Korea, Norway, Singapore, Spain, Switzerland, Taiwan, Turkey, UK, USA, and Vietnam. Each submission was carefully reviewed by three members of the program committee. Among the 386 submitted papers, 60 regular papers, 24 short papers, 15 poster papers, and 3 industrial papers were selected to be included in the proceedings. The selected papers cover a wide range of topics including Web services, Web intelligence, Web personalization, Web query processing, Web mining, text mining, data mining and knowledge discovery, XML database and query processing, workflow management, E-commerce, data rehousing, P2P systems and applications, Grid computing, and networking. The paper entitled "Towards Adaptive Probabilistic Search in Unstructured P2P Systems", co-authored by Linhao Xu, Chenyun Dai, Wenyuan Cai, Shuigeng Zhou, and Aoying Zhou, was awarded the best APWeb 2004 student paper.

When creating complex Java enterprise applications, do you spend a lot of time thumbing through a myriad of books and other resources searching for what you hope will be the API that's right for the project at hand? Java Database Best Practices rescues you from having to wade through books on each of the various APIs before figuring out which method to use! This comprehensive guide introduces each of the dominant APIs (Enterprise JavaBeans, Java Data Objects, the Java Database Connectivity API (JDBC) as well as other, lesser-known options), explores the methodology and design components that use those APIs, and then offers practices most appropriate for different types and makes of databases, as well as different types of applications. Java Database Practices also examines database design, from table and database architecture to normalization, and offers a number of best practices for handling these tasks as well. Learn how to move through the various forms of normalization, understand when to denormalize, and even get detailed instructions on optimizing your SQL queries to make the best use of your database structure. Through it all, this book focuses on practical application of these techniques, giving you information that can immediately be applied to your own enterprise projects. Enterprise applications in today's world are about data-- whether it be information about a product to buy, a user's credit card information, or the color that a customer prefers for their auto purchases. And just as data has grown in importance, the task of accessing that data has grown in complexity. Until now, you have been left on your own

to determine which model best suits your application, and how best to use your chosen API. Java Database Practices is the one stop reference book to help you determine what's appropriate for your specific project at hand. Whether it's choosing between an alphabet soup of APIs and technologies--EJB, JDO, JDBC, SQL, RDBMS, OODBMS, and more on the horizon, this book is an indispensable resource you can't do without.

As the majority of Java developers are only Web-tier developers; Java technologies like JavaServer Pages (JSP), JavaServer Faces (JSF), and Apache Tomcat are mainly applicable and relevant to their needs. This comprehensive and user-friendly book is the first and maybe even the only starter-level work of its kind combining the naturally complimentary JSP, JSF and Tomcat Web technologies into one consolidated treatment for developers focusing on just Java Web application development and deployment. This book is examples-driven using practical, real-time e-commerce case studies and scenarios throughout.

Combines language tutorials with application design advice to cover the PHP server-side scripting language and the MySQL database engine.

Provides a collection of medical IT research in topics such as clinical knowledge management, medical informatics, mobile health and service delivery, and gene expression.

"This book offers articles focused on key issues concerning the development, design, and analysis of global IT"--Provided by publisher.

"This book offers widespread knowledge on modern organizations and the complications of the current globalized computing environment"--Provided by publisher.

Java Server Pages (JSP) developers encounter unique problems when building web applications that require intense database connectivity. MySQL and JSP Web Applications addresses the challenges of building data-driven applications based on the JavaServer Pages development model. MySQL and JSP Web Applications begins with an overview of the core technologies required for JSP database development--JavaServer Pages, JDBC, and the database schema. The book then outlines and presents an Internet commerce application that demonstrates concepts such as receiving and processing user input, designing and implementing business rules, and balancing the user load on the server. Through the JDBC (Java DataBase Connector), the developer can communicate with most commercial databases, such as Oracle.

This book is a guide to the recently introduced Java Tag Extension API, illustrated by real-life case studies. A fairly complete approach to JSP programming is provided, with a discussion of its shortcomings and how these can be addressed by employing tag libraries. It will discuss modeling and designing applications based on these technologies, then provide a specific implementation (Jakarta STRUTS). This book goes well beyond other resources on JSP, which contain at most a single chapter on tag libraries. The explanation of tag library technology and examples of its

implementation will help bring new capabilities to current JSP programmers

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