

Read Book Expert Services Database Application Pack Free Download Pdf

Web Database Applications with PHP and MySQL, Building Data-Intensive Applications, Oracle Database Programming using Java and Web Services, Database Access with Visual Basic, JAVADatabase Best Practices, Enterprise Android, Microsoft Access Small Business Solutions, Mastering SQL Server 2017, Enterprise Android, Microservices Patterns, Web Services Development with Delphi, Database Design and Implementation, Professional iOS Database Application Programming, Opening a Database Application ICAITU131A - Access 2003, Professional iPhone and iPad Database Application Programming, Beginning Visual Basic 2005 Databases, Azure Platform as a Service, .NET Programming in Visual Basic, .NET Algorithms, Building Web Applications with ADO.NET and XML Web Services, Professional iOS Database Application Programming, Moving Frontiers in Information and Software as a Service, Designing Services with Silverlight, Beginning Windows 8 Data Development, The Global Index Database 2017, Microsoft SQL Server 2008 All-in-One Desk Reference For Dummies, Building Highly Scalable Database Applications with .NET-based Applications, Professional Microsoft SQL Server Analysis Services 2008 with MDX, Location Services, Learning Google Web Services, Java EE 8 Recipes, Web Database Applications with PHP and MySQL, Data Application Architecture Q&A, Clean Architecture, Manual of Air Traffic Services Data Link Applications, Extended Services for Building Web Applications with ADO.NET and XML Web Services, Visual Basic 2005 Instant Recipes, Building Remoting: The Definitive Guide

This is the only book on the market to focus on addressing issues of building highly scalable database applications with .NET technologies. Comprehensive coverage includes building .NET applications for all major RDBMSs: SQL Server, Oracle, DB2, and MySQL. -- Includes case studies based on real world solutions and deployments with Vicinity, ATX, Ford and Hutchison 3G.-- Insights into differences between solutions for European marketplaces.-- Includes a software development kit for building a basic Location Service Solution. Mobile applications must be much smarter than desktop web applications. These applications know user's location, surroundings, and provide directions on how to get there. Developers face many challenges including how to pinpoint the user's location, how to retrieve relevant spatial data from map databases that are often 20 Gigabytes in size, and how to support multiple clients. The mobility provided by the proliferation of wireless devices, such as Palm Pilots and onboard navigation systems presents a new class of opportunities and problems for application developers. This book provides an end-to-end solution guide to understand the challenges of location-based services and build solutions that will sell. Complete with software and industry case studies, this book is an essential companion to anyone wanting to build the next killer application. The more than 100 million auto-based telematics terminals that have been installed by year-end 2001 are ample testimony of the opportunities and attractiveness of the mobile location services market. This large and growing installed base of subscribers also provides multiple implementation examples, which are incorporated into the text. Data at the center of many challenges in system design today. Difficult issues need to be figured out, such as scalability, consistency, reliability, efficiency, and maintainability. In addition, we have an overwhelming variety of choices including relational databases, NoSQL datastores, stream or batch processors, and message brokers. What are the right choices for your application? How do you make sense of all these buzzwords? In this practical and comprehensive guide, author Martin Kleppmann helps you navigate this diverse landscape by examining the pros and cons of various technologies for processing and storing data. Software keeps changing, but the fundamental principles remain the same. With this book, software engineers and architects will learn how to apply these principles in practice, and how to make full use of data in modern applications. Peer under the hood of the systems you already use, and learn how to use and operate them more effectively. Make informed decisions by identifying the strengths and weaknesses of different tools. Navigate the trade-offs around consistency, scalability, fault tolerance, and complexity. Understand the distributed systems research upon which modern databases are based. Peek behind the scenes of major online services, and learn from their architectures. In 2011 the World

funding from the Bill and Melinda Gates Foundation—launched the Global Findex database, the world's comprehensive data set on how adults save, borrow, make payments, and manage risk. Drawing on surveys collected in collaboration with Gallup, Inc., the Global Findex database covers more than 140 economies around the world. The initial survey round was followed by a second one in 2014 and by a third in 2017. Combining nationally representative surveys of more than 150,000 adults age 15 and above in over 140 economies, the Global Findex Database 2017: Measuring Financial Inclusion and the Fintech Revolution includes updated indicators on access to and use of formal and informal financial services. It has additional data on the use of financial technology (or fintech), including the use of mobile phones and the Internet to conduct financial transactions. The data reveal opportunities to expand access to financial services among people who do not have an account—the unbanked—as well as to promote greater use of digital financial services among those who do have an account. The Global Findex database has become a mainstay of global efforts to promote financial inclusion. In addition to being widely cited by scholars and development practitioners, Global Findex data are used to track progress toward the World Bank goal of Universal Financial Access by 2020 and the United Nations Sustainable Development Goals. The database, the full text of the report, and the underlying country-level data for all figures—along with the questionnaire, the survey methodology, and other relevant materials—are available at www.worldbank.org/globalindex. This book introduces novice developers to a range of data access strategies for storing and retrieving data both locally and remotely. It provides you with a range of full-text data access solutions and the insight you need to know when, and how, to apply each of the techniques to your advantage. Focussing specifically on how the Windows 8 app developer can work with the Windows Runtime (often called Windows RT) framework this book provides careful analysis of the many options you have available to you, along with a comparison of their strengths and weaknesses under different conditions. With the goal of a single database being the right choice for almost all development projects long gone. You will learn that the right choice for your app now depends on a variety of factors and getting it right will be critical to your success and user experience. We cover a range of data access strategies ranging from storing and retrieving data locally to using the JET API, to using the most popular open and closed source database products like SQLite and Microsoft SQL Server. We look at how lightweight HTML and JavaScript apps work well with equally feather-weight databases like IndexedDB. We'll also introduce you to more advanced data access techniques like REST (JSON), Web Services, ASP.NET MVC 4 Web API and Windows Azure that can hugely expand the horizons of what is possible for your app to do as storage - and even processing - are taken beyond the confines of your device. By the time you have read this book you will be familiar with the key data access considerations you need to evaluate as you build your apps and you will be able to confidently select the data access architecture that is most appropriate to the app you want to build. What you'll learn

- Understand the data access capability of Windows 8 Apps
- Explore the various data access strategies
- Understand local storage in Windows 8 Apps
- Discover how to use HTML5 indexedDB as an offline database
- Use SQLite and SQL Server with Windows 8 Apps
- Develop ASP.NET MVC 4 Web API data stores
- Learn how to consume data through a WCF Service
- Integrate your app with Windows 8 Web Services using REST
- See how SQL Azure can extend your Windows 8 Apps

Who this book is for

This book is for all the .NET, iOS, Android and Windows Phone app developers looking to develop data driven Windows 8 style apps. You should be comfortable with basic programming concepts and have worked with simple databases previously.

Table of Contents

- Introducing Windows 8 development from a data perspective
- Windows 8 app data access strategies
- Selecting the right strategy for your app
- Local Data Access I : JET API Local Data Access: II: IndexedDB
- Dealing with Application Data
- WCF RIA Services
- ASP.NET Web API
- SQL Databases
- Windows Phone 8 Data Access

There are many reasons for serving up dynamic content from a web site. You might want to, for example, on an online shopping site, create customized information pages for users, or just manage a large volume of data through a database. Anyone with a modest knowledge of HTML and web site management can learn to serve up dynamic content through the PHP programming language and the MySQL database. This book gives you the background and tools to do the job safely and reliably.

Web Database Applications with PHP and MySQL

This Edition thoroughly reflects the needs of real-world applications. It goes into detail on such practical issues as validating input (do you know what a proper credit card number looks like?), logging in users, and using templates to give your dynamic web pages a standard look. But this book goes even further. It shows how JavaScript and PHP can be used in tandem to make a user's experience faster and more pleasant. It shows

correct way to handle errors in user input so that a site looks professional. It introduces the vast collection of powerful tools available in the PEAR repository and shows how to use some of the most popular tools. While it serves as an introduction to new programmers, the book does not omit critical tasks that web sites must handle. For instance, every site that allows updates must handle the possibility of multiple users accessing data at the same time. This book explains how to solve the problem in detail with locking. Through a sophisticated sample application--Hugh and Dave's Wine Store--all the important techniques of dynamic content are introduced. Clean design is emphasized, such as dividing logic from presentation. The book introduces PHP 5 and MySQL 5 features, while providing techniques that can be used on older versions of the software that are still in widespread use. This new edition has been redesigned around the rich offerings of PEAR. Several of these, including the Smarty Template package and the database-independent query API, are fully integrated into examples and thoroughly described in the text. Topics include: Installation and configuration of Apache, MySQL, and PHP on Unix, Windows®, and Mac OS® X systems Introductions to PHP, SQL, and MySQL administration Session management, including the use of a custom database for improved efficiency User input validation, session management, and authentication The PEAR repository, plus details on the use of PEAR DB and Template classes Productivity tips PDF reports Whether you are using WinForms, WebForms, or Web Services, Database Access with Visual Basic .NET, Third Edition, is your practical guide to developing database applications with Visual Basic .NET and ADO.NET. The authors provide real-world solutions to the data-access issues Visual Basic .NET developers face every day and share their secrets for becoming a more effective database programmer using .NET technologies. The book begins by reviewing the fundamentals of database development, Structured Query Language (SQL), and Microsoft SQL Server(™) 2000. It then examines how to use the major ADO.NET objects to access data from relational databases. Through detailed examples, readers learn how to use properties and methods, as well as more advanced features and techniques. Extensive code listings in Visual Basic .NET illustrate each concept, while business cases apply concepts to real-world applications. The final chapters provide a solid example of how XML and ASP.NET integrate with ADO.NET to create various types of database applications. A companion Web site provides the code used in the book's myriad examples, all of which is compatible with Visual Basic .NET 2003. Key topic coverage includes: SQL queries and commands Using SQL Server 2000 ADO.NET objects Advanced ADO.NET features and techniques SQL Server and OLEDB, as well as ODBC .NET Data Provider Using Visual Studio .NET Data Projects for managing SQL Scripts Integrating XML with ADO.NET Developing Web-based database applications with ASP.NET Web services and middle-tier objects Database Access with Visual Basic .NET, Third Edition, equips VB developers with the knowledge and skills needed to build a powerful new generation of database applications in less time using .NET technologies. 0672323435B We are poised at a major turning point in the history of information management via computers. Recent technological evolutions in computing, communications, and commerce are fundamentally reshaping the ways in which humans interact with information, and generating enormous volumes of electronic data along the way. In the face of these forces, what will data management technologies, and their supporting software and systems, look like in ten years? It is difficult to say, but we can see the future taking shape now in a new generation of information access platforms that combine strategies and structures of two familiar -- and previously distinct -- technologies, search engines and databases, and in a new model for software applications, Search Based Application (SBA), which offers a pragmatic way to solve both well-known and emerging information management challenges as of now. Search engines are the world's most familiar and widely deployed information access tool, used by hundreds of millions of people every day to locate information on the Web, but for the first time they can now also be used to provide precise, multidimensional information access and analysis that is fundamentally distinguish from current database applications, yet endowed with the usability and massive scalability of search. In this book, we hope to introduce Search Based Applications to a wider audience, using real-world examples to show how this flexible technology can be used to intelligently aggregate large volumes of unstructured data (like Web pages) and structured data (like database content), and to make that data available in a highly contextual, quasi real-time manner to a wide base of users for a varied range of purposes. We also highlight on the general convergences underway in search and database disciplines, convergences that make it possible, and which serve as harbingers of information management paradigms and technologies to come. Table of Contents: Search Based Applications / Evolving Business Information Access Needs / Origins and History

Data Models and Storage / Data Collection/Population / Data Processing / Data Retrieval / Data Security Usability, Performance, Cost / Summary Evolutions and Convergences / SBA Platforms / SBA Uses and Preconditions / Anatomy of a Search Based Application / Case Study: GEFCO / Case Study: Urbanizer / Study: National Postal Agency / Future Directions Leverage the power of SQL Server 2017 Integration Services to build data integration solutions with ease Key FeaturesWork with temporal tables to access information in a table at any timeGet familiar with the latest features in SQL Server 2017 Integration ServicesProjects extend your packages to enhance their functionalityBook Description Microsoft SQL Server 2017 uses features of R and Python for machine learning and containerization-based deployment on Windows and Linux. By learning how to use the features of SQL Server 2017 effectively, you can build scalable apps and easily integrate data integration and transformation. You'll start by brushing up on the features of SQL Server 2017. The Learning Path will then demonstrate how you can use Query Store, columnstore indexes, and In-Memory OLTP in your apps. You'll also learn to integrate Python code in SQL Server and graph database implementation, development and testing. Next, you'll get up to speed with designing and building SQL Server Integration Services (SSIS) data warehouse packages using SQL server data tools. Toward the concluding chapters, you'll discover how to develop SSIS packages designed to maintain a data warehouse using the data flow and other SSIS tasks. By the end of this Learning Path, you'll be equipped with the skills you need to design efficient, high-performance database applications with confidence. This Learning Path includes content from the following Packt books: SQL Server 2017 Developer's Guide by Miloš Radivojević, Dejan Sarka, et. al SQL Server 2017 Integration Services Cookbook by Christian Cote, Dejan Sarka, et. alWhat you will learnUse columnstore indexes to make storage and performance improvementsExtend database design solutions using temporal tablesIntegrate JSON data between applications and SQL ServerMigrate historical data to Microsoft Azure by using Storage DatabaseDesign the architecture of a modern Extract, Transform, and Load (ETL) solutionImplement ETL solutions using Integration Services for both on-premise and Azure dataWho this book is for This Learning Path is for database developers and solution architects looking to develop ETL solutions with SSIS, and explore new features in SSIS 2017. Advanced analysis practitioners, business intelligence developers, and data science consultants dealing with performance tuning will also find this book useful. Basic understanding of database concepts and T-SQL is required to get the best out of this Learning Path. Written for developers who want to get up to speed on ADO.NET, this book covers the ADO.NET object model from start to finish, from database connectivity to creating data objects, from creating Web Services to developing multi-tier database applications. It also covers everything from Windows Forms classes and data binding to creating ASP.NET Web applications. Introduction to Enterprise Java Techniques for building applications that integrate large databases with web interfaces. Using a three-tier architecture, the book focuses on the middle tier and the application logic that brings together the functions of the different client and database tiers. The authors explain the principles behind searching, browsing, storing, and retrieving data, validating user input, managing user transactions, and security. Annotation copyrighted by Book Depository, Portland, OR. 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 job?Java Database Best Practices rescues you from having to wade through books on each of the various options 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, less well-known options), explores the methodology and design components that use those APIs, and then offers recommendations on which is most appropriate for different types and makes of databases, as well as different types of applications. 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 stages of normalization, understand when to denormalize, and even get detailed instructions on optimizing your 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 database projects.Enterprise applications in today's world are about data-- whether it be information about a product purchase, a buy, a user's credit card information, or the color that a customer prefers for their auto purchases. As the amount of data has grown in importance, the task of accessing that data has grown in complexity. Until now, you've been left on your own to determine which model best suits your application, and how best to use your chosen

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

"Microsoft Azure provides various services to enable Platform as a Service-based cloud development, and you to deliver both simple cloud-based applications and sophisticated and heavy-duty cloud-based enterprise services. This video tutorial will provide you with the necessary know-how to leverage Azure services in your own PaaS cloud. You'll start by exploring Azure App Services, and learn to work with supported application types based on different parameters such as languages and functions. You'll learn to configure, publish, and analyze your application APIs with Azure API management. Going further, you will learn to leverage Azure Database as a Service in Azure, and work with different options for database management and also deployment of databases such as MySQL and PostgreSQL. You'll even learn to develop NoSQL databases with the new Azure Table Storage. Next, you will delve into Data Processing as a Service, and learn how to create custom searches for your application, enable messaging between applications and services, and work with data in Azure Data Factory and Azure Data Catalog."--Resource description page. Updated and revised coverage includes the latest versions of iOS and Xcode Whether you're a novice or experienced developer, you will dive into this updated resource on database application programming for the iPhone and iPad. Packed with more than 50 percent new and revised material - including completely rebuilt code, screenshots, and full coverage of new features pertaining to database programming and enterprise integration in iOS 6 - this must-have book intends to continue the precedent set by the previous edition by helping thousands of developers master application programming. Shows you how to store data using SQLite, model and manage data using Core Data, and integrate with Web Services Explains how to take advantage of the built-in capabilities of the iPhone and iPad Details techniques for integrating iOS applications into enterprise class systems Encourages you to take advantage of multi-core processors, store data in the cloud, and use storyboards to develop the UI for the iPhone By the end of the book, you will be able to confidently implement a data driven application for the iPhone and iPad and integrate an iOS application within an existing enterprise system. Google Brings Data Mining to People! Virtually everyone sees Google as, hands down, the best online search tool. Now you can use a little of it to improve on Google technology in your own applications. Mining Google Web Services teaches you dozens of techniques for tapping the power of the Google API. Google already gives you fine-grained control over search criteria, and this book shows you how to exert the same control in your own focused search applications. With just a little knowledge of JavaScript, VBA, Visual Studio 6, Visual Studio .NET, PHP, or Java, you will get better (and more relevant) search results--faster and more easily. Here's a little of what is covered inside: Improving the speed and accuracy of searches Performing data mining across the Internet Using Google Web Services to search a single website Building search applications for mobile devices Using advanced techniques to improve application performance and reliability Analyzing Google data Creating searches for applications with special needs Discovering new uses for Google Obtaining historical data using cached pages Performing spelling checks on any text Reducing the number of false search hits Whether your goal is to improve your own searches or share specialized search capabilities with others, this is the one resource that will see you through your job from start to finish. The definitive guide to building data-driven Android applications for enterprise use. Android devices represent a rapidly growing share of the mobile device market. With the release of Android, they are moving beyond consumer applications into corporate/enterprise use. Developers who want to build building data-driven Android applications that integrate with enterprise systems will learn how with this book. In the tradition of Wrox Professional guides, it thoroughly covers sharing and displaying data, transmitting data to enterprise applications, and much more. Shows Android developers who are not familiar with database application development how to design and build data-driven applications for Android devices and integrate them with existing enterprise systems Explores how to collect and store data using SQLite, share data using content providers, and display data using adapters Covers migrating data using various methods and tools; transferring data to the enterprise using web services; serializing, securing, and synchronizing data Shows how to take full advantage of the built-in capabilities of the Android OS to integrate applications into enterprise class applications. Enterprise Android prepares any Android developer to start creating data-intensive applications that meet the demand of businesses demand. If you're in charge of database administration, developing database software, or looking for a

database solutions for your company, Microsoft SQL Server 2008 All-In-One Desk Reference For Dummies help you get a handle on this extremely popular relational database management system. Here you'll find out how to get new in the latest version; how to choose and install the right variation for your needs; how to monitor and protect your data; and what it takes to keep your database healthy. You'll discover how to: Build and maintain tables Design a database and communicate with it Retrieve, analyze, and report data Build scalable database applications Use the SQL Server Optimizer and Query Designer Navigate SQL Server with Visual Studio Develop useful reports with the Report Builder and Report Designer Create Business Intelligence solutions with Business Intelligence Development Studio Configure your server and perform major administrative tasks This book helps you quickly find what you need, Microsoft SQL Server 2008 All-In-One Desk Reference For Dummies is divided into nine minibooks: Essential Concepts Designing and Using Databases Interacting With Your Database Database Programming Reporting Services Analysis Services Performance Tips and Tricks Database Administration Appendixes Microsoft SQL Server 2008 All-In-One Desk Reference For Dummies gets you up to speed and helps you solve problems, and will even answer your questions down the road! Visual Basic, one of the most popular programming languages today with more than 6 million developers, has released the 2005 version which continues to expand on the functionality and flexibility of its framework-.NET 3.0 Covering Visual Basic 2005 programming in a Windows environment as well as accessing SQL Server Express 2005 and Web Services, this book allows intermediate-level programmers to get up to speed quickly with complete sample projects that can be modified and used in the real world In addition to the ready-to-use projects for their own applications, with little or no modifications, programmers will also learn some of the more advanced features of Windows Forms programming Some of the featured projects include desktop weather, password keeper, application resource manager, event log and trace writing, event log service, multi-threaded note pad, note pad printing, and custom WinForms controls textbox Intended for professional developers working in Delphi who are looking for a way to stay current in the sphere of new programming technology for e-business, this guide discusses specific Delphi tools and techniques, technologies and enables developers to take advantage of the RAD technique with the new version of Delphi 7 creating Web services. Emphasis is given to the development of data processing using the XML and SOAP protocols and to the creation of Web services based on its capabilities. Also covered are all aspects of Delphi working with databases—data presentation; local, client-server, and distributed systems; and technologies of data access, from BDE to dbExpress and dbGO. ?????? ??? ?????? ?????? ????????? ?? ???????

<ftp://ftp.bhv.ru/5941571429.zip> The increasing costs of creating and maintaining infrastructures for cloud-based services to consumers have led to the emergence of cloud based third party service providers renting out their own computation power, storage, and even entire software application suites. On the other hand, service consumers demand competitive pricing, service level agreements, and increased flexibility and scalability. Service providers also expect process and data security, 24/7 service availability, and compliance with privacy regulations. This book focuses on such challenges associated with the design, implementation, deployment, and management of data and software as a service. The 12 papers presented in this volume were contributed by leaders in academia and industry, and were reviewed and supervised by an expert editorial board. They describe cutting-edge approaches in areas like service design, service security, service optimization, and service migration. Updated and revised coverage that includes the latest versions of iOS and Xcode Whether you're a novice or experienced developer, you will want to dive into this updated resource on database application programming for the iPhone and iPad. Packed with more than 50 percent new and revised material - including completely rebuilt code, screenshots, and full coverage of new features pertaining to database programming and enterprise integration, iOS 6 - this must-have book intends to continue the precedent set by the previous edition by helping developers master database application programming. Shows you how to store data using SQLite, manage data using Core Data, and integrate with Web Services Explains how to take advantage of the capabilities of the iPhone and iPad Details techniques for integrating iOS applications into enterprise cloud systems Encourages you to take advantage of multi-core processors, store data in the cloud, and use Core Graphics to develop the UI for your app By the end of the book, you will be able to confidently implement a database application for the iPhone and iPad and integrate an iOS application within an existing enterprise system Building upon the success of best-sellers The Clean Coder and Clean Code, legendary software craftsman Robert C. "Uncle Bob" Martin shows how to bring greater professionalism and discipline to application architecture

design. As with his other books, Martin's Clean Architecture doesn't merely present multiple choices and say "use your best judgment": it tells you what choices to make, and why those choices are critical to success. Martin offers direct, essential reading for every software architect, systems analyst, system administrator, and software manager-- and for any programmer who aspires to these roles or is impacted by their work.

Building a Data-Intensive Web Application with XML Web Services and ADO.NET! Richard Hundhausen, Steven Borg, Cole Francis, and Kenneth Wilcox have combined their years of expertise in this invaluable resource to teach you how a typical wired business can leverage Web services in B2B commerce. Using a case study, the authors walk you step by step through how to take advantage of new technologies in .NET, ADO, ASP, and SOAP, to create XML Web services. They start with a discussion of a Web services provider case study, including the analysis, design, construction, registration, and deployment of the Web service. You'll then learn about the conceptual design of a system and receive an introduction to Object Role Modeling (ORM). Packed with useful information, the chapters also dive into topics such as: Database design, covering the implementation of the physical design in Microsoft SQL Server 2000 Syntax and attributes used to connect to a service, including proper testing techniques The benefits of using the Universal Description Discovery and Integration (UDDI) framework Security-both the traditional mechanisms provided by IIS and new ones provided by ASP.NET Web service performance testing and tuning The companion Web site includes the complete case study application and code used in the book.

The Definitive Guide to Building Data-Driven Android Applications Enterprise systems on Android devices represent a rapidly growing share of the mobile device market. With the release of Android 4, they are moving beyond consumer applications into corporate/enterprise use. Developers who want to start building data-driven Android applications that integrate with enterprise systems will benefit from this book. In the tradition of Wrox Professional guides, it thoroughly covers sharing and displaying data, transmitting data to enterprise applications, and much more. Shows Android developers who are not familiar with database development how to design and build data-driven applications for Android devices and integrate them with existing enterprise systems Explores how to collect and store data using SQLite, share data using Content Providers, and display data using adapters Covers migrating data using various methods and tools; transferring data to the enterprise using web services; serializing, securing, and synchronizing data Shows how to take full advantage of the built-in capabilities of the Android OS to integrate applications into enterprise class applications

Enterprise Android prepares any Android developer to start creating data-intensive applications that take advantage of the businesses demand. Learn how to build a data-intensive Web application with XML Web services and ADO.NET!

Building a Data-Intensive Web Application with XML Web Services and ADO.NET! Richard Hundhausen, Steven Borg, Cole Francis, and Kenneth Wilcox have combined their years of expertise in this invaluable resource to teach you how a typical wired business can leverage Web services in B2B commerce. Using a case study, the authors walk you step by step through how to take advantage of new technologies such as ADO, ASP, and SOAP, to create XML Web services. They start with a discussion of a Web services provider case study, including the analysis, design, construction, registration, and deployment of the Web service. You'll then learn about the conceptual design of a system and receive an introduction to Object Role Modeling (ORM). Packed with useful information, the chapters also dive into topics such as: Database design, covering the implementation of the physical design in Microsoft SQL Server 2000 Syntax and attributes used to connect to a service, including proper testing techniques The benefits of using the Universal Description Discovery and Integration (UDDI) framework Security-both the traditional mechanisms provided by IIS and new ones provided by ASP.NET Web service performance testing and tuning The companion Web site includes the complete case study application and code used in the book.

Flash Remoting MX lets developers easily integrate rich Macromedia Flash content with applications that are built using Macromedia ColdFusion MX, Microsoft ASP.NET, Java, PHP, or SOAP-based web services. The result is complex client/server applications that more closely resemble desktop applications than traditional web pages. Gone is the click/wait/reload approach of HTML. A rich web application uses Flash as the front end while Flash Remoting handles the communication behind the scenes with the application server. All the end user knows is that it's fast and flexible. The potential uses for Flash Remoting are endless. Flash Remoting: The Definitive Guide will help you understand this breakthrough technology and use it to build your own Rich Internet Applications (RIAs). Build applications that connect to a database, file system, or other server-side technologies. Or, use Flash Remoting to create: online storefronts, feature catalogs and shopping cart systems sound and video clip libraries banner ads with built-in shopping

click-through tracking, and site search capabilities new controls that can be used in place of HTML ex
Flash, Dreamweaver, Fireworks, and more front-ends to databases for administrators The book begins
Remoting basics: setup, installation and an introduction to its underlying concepts. Next, you'll explore
Flash's User Interface components as they relate to Flash Remoting. Then, you'll gain insights into Flas
Remoting internals and the Remoting API. The book is rich with examples that you will be able to run o
own system. The next section focuses on the server-side environment that you'll use for your applicat
Individual chapters cover Flash Remoting with ColdFusion, Server-Side ActionScript, Java, ASP.NET, and
PHP. The last section covers more advanced Flash Remoting techniques, such as calling web services fr
Remoting, extending objects and UI controls, best practices, and debugging. Plus there is a detailed ch
demonstrating a real-world application. The book concludes with a Flash Remoting API reference. Devel
who are looking to create Rich Internet Applications with Flash will find Flash Remoting: The Definitive
indispensable. "A comprehensive overview of the challenges teams face when moving to microservices
industry-tested solutions to these problems." - Tim Moore, Lightbend 44 reusable patterns to develop
reliable production-quality microservices-based applications, with worked examples in Java Key Feature
design patterns for building and deploying microservices applications Drawing on decades of unique ex
from author and microservice architecture pioneer Chris Richardson A pragmatic approach to the bene
the drawbacks of microservices architecture Solve service decomposition, transaction management, a
service communication Purchase of the print book includes a free eBook in PDF, Kindle, and ePub form
Manning Publications. About The Book Microservices Patterns teaches you 44 reusable patterns to re
develop and deploy production-quality microservices-based applications. This invaluable set of design p
builds on decades of distributed system experience, adding new patterns for composing services into
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Book Is Written For Written for enterprise developers familiar with standard enterprise application arc
Examples are in Java. About The Author Chris Richardson is a Java Champion, a JavaOne rock star, aut
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part 1 Testing microservices: part 2 Developing production-ready services Deploying microservices Ref
to microservices This textbook examines database systems from the viewpoint of a software develop
perspective makes it possible to investigate why database systems are the way they are. It is of cour
to be able to write queries, but it is equally important to know how they are processed. We e.g. don't
use JDBC; we also want to know why the API contains the classes and methods that it does. We need
how hard is it to write a disk cache or logging facility. And what exactly is a database driver, anyway?
two chapters provide a brief overview of database systems and their use. Chapter 1 discusses the pu
features of a database system and introduces the Derby and SimpleDB systems. Chapter 2 explains ho
database application using Java. It presents the basics of JDBC, which is the fundamental API for Java
that interact with a database. In turn, Chapters 3-11 examine the internals of a typical database engin
chapter covers a different database component, starting with the lowest level of abstraction (the dis
manager) and ending with the highest (the JDBC client interface); further, the respective chapter expl
main issues concerning the component, and considers possible design decisions. As a result, the read
exactly what services each component provides and how it interacts with the other components in th
the end of this part, s/he will have witnessed the gradual development of a simple but completely fun
system. The remaining four chapters then focus on efficient query processing, and focus on the sophi
techniques and algorithms that can replace the simple design choices described earlier. Topics include
sorting, intelligent buffer usage, and query optimization. This text is intended for upper-level undergrad
beginning graduate courses in Computer Science. It assumes that the reader is comfortable with basi

programming; advanced Java concepts (such as RMI and JDBC) are fully explained in the text. The respective chapters are complemented by “end-of-chapter readings” that discuss interesting ideas and research that went unmentioned in the text, and provide references to relevant web pages, research articles, manuals, and books. Conceptual and programming exercises are also included at the end of each chapter. Students can apply their conceptual knowledge by examining the SimpleDB (a simple but fully functional database system created by the author and provided online) code and modifying it. Big Data Application Architecture Pattern Recipes provides an insight into heterogeneous infrastructures, databases, and visualization and analytics tools used for realizing the architectures of big data solutions. Its problem-solution approach is in selecting the right architecture to solve the problem at hand. In the process of reading through the book, you will learn harness the power of new big data opportunities which various enterprises use to attain higher profits. Big Data Application Architecture Pattern Recipes answers one of the most critical questions: “how do you select the best end-to-end architecture to solve your big data problem?”. The book deals with mission critical problems encountered by solution architects, consultants, and software architects when faced with the myriad options available for implementing a typical solution, trying to extract insight from huge volumes of data in real-time and across multiple relational and non-relational data types for clients from industries such as retail, telecommunication, banking, and insurance. The patterns in this book provide the strong architectural foundation required to launch your next big data application. The architectures for realizing these opportunities are based on relatively less expensive and heterogeneous infrastructures compared to the traditional homogeneous and hugely expensive options that exist currently. This book describes and evaluates the benefits of heterogeneous architectures which brings with it multiple options of solving the same problem, evaluation of trade-offs and validation of the ‘fitness-for-purpose’ of the solution. Database models developed by a team of leading Microsoft Access developers provide ready-to-use solutions for sales, marketing, customer management and other key business applications for most small businesses. As the most popular relational database in the world, Microsoft Access is widely used by small business owners. This book responds to the growing need for resources that help business managers and end users design and build effective Access database solutions for specific business functions. Coverage includes: Elements of a Microsoft Access Database Relational Data Model Dealing with Customers and Customer Relationship Management Database Solutions Marketing Database Solutions Sales Database Solutions Producing and Tracking the Goods & Services Production and Manufacturing Database Solutions Inventory Management Database Solutions Services Database Solutions Tracking and Analyzing Financial Data 1 Accounting Systems: Requirements and Design Database Solutions Accounting: Budgeting, Analysis, and Reporting Database Solutions Managing Memberships Implementing the Models SQL Server and Other Data Sources With this valuable guide and CD-ROM, you'll be on your way to implementing database solutions in no time Discover how graph algorithms can help you leverage the relationships within your data to create more intelligent solutions and enhance your machine learning models. You'll learn how graph analytics are uniquely suited to unfold complex structures and reveal difficult-to-find patterns lurking in your data. If you are trying to build dynamic network models or forecast real-world behavior, this book illustrates how graph algorithms deliver value—from finding vulnerabilities and bottlenecks to detecting communities and improving machine learning predictions. This practical book walks you through hands-on examples of how to use graph algorithms in Apache Spark and Neo4j—two of the most common choices for graph analytics. Also includes sample code and tips for over 20 practical graph algorithms that cover optimal pathfinding, importance centrality, and community detection. Learn how graph analytics vary from conventional statistical analysis. Understand how classic graph algorithms work, and how they are applied Get guidance on which algorithms to use for different types of questions Explore algorithm examples with working code and sample datasets in Apache Spark and Neo4j See how connected feature extraction can increase machine learning accuracy and performance Walk through creating an ML workflow for link prediction combining Neo4j and Spark This comprehensive book teaches you how to build data-rich business applications with Silverlight 2 that draw on multiple sources. Packed with reusable examples, Data-Driven Services with Silverlight 2 covers all of the data access and service tools you need, including data binding, the LINQ data querying component, RESTful and SOAP web services, service support, cross-domain web service calls, and Microsoft's new ADO.NET Data Services and the Entity Framework. With this book, you will: Know when and how to use LINQ to JSON, LINQ to XML, and

to Objects Learn how Silverlight 2 applications bind, pass, read, save, query, and present data Discover application can call web services to work with SOAP, REST, RSS, AtomPub, POX and JSON Design REST, ASMX, and WCF web services that communicate with Silverlight 2 Harness RESTful web services such as Amazon, and Twitter Retrieve and save data using the new Entity Framework and WCF Work with REST ADO.NET Data Services and its Silverlight client library to move data between your Silverlight application database Data-Driven Services with Silverlight 2 offers many tips and tricks for building data-rich business applications, and covers the scenarios you're most likely to encounter. Complete examples in C# and VB are downloaded from the book's companion website. When used with the MDX query language, SQL Server Analysis Services allows developers to build full-scale database applications to support such business functions: budgeting, forecasting, and market analysis. Shows readers how to build data warehouses and multi-database, query databases, and use Analysis Services and other components of SQL Server to provide business solutions Revised, updated, and enhanced, the book discusses new features such as improved integration with Office and Excel 2007; query performance enhancements; improvements to aggregation designer, dimension designer, cube and dimension wizards, and cell writeback; extensibility and personalization; data mining; and more As one of the most popular programming languages in the world, Visual Basic continues to expand its functionality and flexibility of its framework. This book explains how to use Visual Basic 2005 to write database applications that can be used throughout an enterprise. With this teaching tool, you'll learn how to use queries, views, and stored procedures to efficiently access and manipulate data from your applications. You'll get a firm grasp on using ADO.NET as well as OleDb, SQL, and Oracle to access specific databases. Plus, hands-on examples and try-it-out exercises help you put your reading into practice so that with each chapter, you can gradually build the pieces of a single application. What you will learn from this book How ADO.NET can evolve as a building block for accessing and manipulating data in relational databases Ways to encrypt and decrypt data, hash passwords, and further secure access to your data Techniques for accessing your data from both Windows(r) and Web applications Best practices for using business logic and data access classes to produce report data or update data in your back-end databases Who this book is for This book is for database developers who want to learn to write database applications and back-end databases, such as Microsoft Access, Microsoft(r) SQL Server, and Oracle(r). Some experience with Visual Basic 2005 is helpful but not required. Wrox Beginning guides are crafted to make learning programming languages and technologies easier than you think, providing a structured, tutorial format that will guide you through all the techniques in a traditional division of labor between the database (which only stores and manages SQL and XML data) and the application server (which runs application or business logic, and presentation logic) is obsolete. Although the book's primary focus is on programming the Oracle Database, the concepts and techniques provided apply to most RDBMS that support Java including Oracle, DB2, Sybase, MySQL, and PostgreSQL. This is the first book to cover new Java, JDBC, SQLJ, JPublisher and Web Services features in Oracle Database 10g Release 2 (the coverage starts with Oracle 9i Release 2). This book is intended to be read for database developers audience (DBAs, database applications developers, data architects), Java application developers (JDBC, SQLJ, J2EE, and OR Mapping frameworks), and to the emerging Web Services assembly. Describes pragmatic solutions, advanced database applications, as well as provision of a wealth of code examples. Addresses programming models which run within the database as well as programming models which run on a middle-tier or client-tier against the database. Discusses languages for stored procedures: when to use proprietary languages such as PL/SQL and when to use standard languages such as Java; also running scripting languages in the database. Describes the Java runtime in the Oracle database 10g (i.e., Oracle's Native Compiler (NCOMP), how to make Java known to SQL and PL/SQL, data types mapping, how to call-out to external components, EJB components, ERP frameworks, and external databases. Describes JDBC programming and new Oracle JDBC 10g features, its advanced connection services (pooling, failover, load-balancing, and database event notification mechanism) for clustered databases (RAC) in Grid environments. Describes Web services programming and the latest Oracle SQLJ 10g features, contrasting it with JDBC. Describes the latest Web services features, Web services concepts and Services Oriented Architecture (SOA) for DBA, the Web services provider and the database as Web services consumer. Abridged coverage of JPublisher 1

versatile complement to JDBC, SQLJ and Database Web Services. Quickly find solutions to dozens of common programming problems with the Java Enterprise Edition Platform for small business web applications, 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 to your own code. Problem solved! Java EE 8 Recipes provides you with effective and proven solutions that can help you 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 who know how to wield it. One result of this years-long refining process is that the language carries forward many useful 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 previous Java technologies. Rejuvenate your Java expertise to use the freshest capabilities, or perhaps learn Java Enterprise Edition development for the first time and discover one of the most widely used and most powerful technologies for application development today. Develop productively. Develop with proven technology. Develop with the 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 Shows you through a myriad of different concepts to apply while working with databases using Java technologies 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 without learning new techniques. A beginning Java programmer will find the book handy for learning a variety of different techniques 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.

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