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**Dynamic SQL Applications, Performance, and Security in Microsoft SQL Server** [Apress](#) Take a deep dive into the many uses of dynamic SQL in Microsoft SQL Server. This edition has been updated to use the newest features in SQL Server 2016 and SQL Server 2017 as well as incorporating the changing landscape of analytics and database administration. Code examples have been updated with new system objects and functions to improve efficiency and maintainability. Executing dynamic SQL is key to large-scale searching based on user-entered criteria. Dynamic SQL can generate lists of values and even code with minimal impact on performance. Dynamic SQL enables dynamic pivoting of data for business intelligence solutions as well as customizing of database objects. Yet dynamic SQL is feared by many due to concerns over SQL injection or code maintainability. **Dynamic SQL: Applications, Performance, and Security in Microsoft SQL Server** helps you bring the productivity and user-satisfaction of flexible and responsive applications to your organization safely and securely. Your organization's increased ability to respond to rapidly changing business scenarios will build competitive advantage in an increasingly crowded and competitive global marketplace. With a focus on new applications and modern database architecture, this edition illustrates that dynamic SQL continues to evolve and be a valuable tool for administration, performance optimization, and analytics. **What You'll Learn** Build flexible applications that respond to changing business needs Take advantage of creative, innovative, and productive uses of dynamic SQL Know about SQL injection and be confident in your defenses against it Address performance concerns in stored procedures and dynamic SQL Troubleshoot and debug dynamic SQL to ensure correct results Automate your administration of features within SQL Server Who This Book is For Developers and database administrators looking to hone and build their T-SQL coding skills. The book is ideal for developers wanting to plumb the depths of application flexibility and troubleshoot performance issues involving dynamic SQL. The book is also ideal for programmers wanting to learn what dynamic SQL is about and how it can help them deliver competitive advantage to their organizations. **Dynamic SQL Applications, Performance, and Security** [Apress](#) This book is an introduction and deep-dive into the many uses of dynamic SQL in Microsoft SQL Server. Dynamic SQL is key to large-scale searching based upon user-entered criteria. It's also useful in generating value-lists, in dynamic pivoting of data for business intelligence reporting, and for customizing database objects and querying their structure. Executing dynamic SQL is at the heart of applications such as business intelligence dashboards that need to be fluid and respond instantly to changing user needs as those users explore their data and view the results. Yet dynamic SQL is feared by many due to concerns over SQL injection attacks. **Reading Dynamic SQL: Applications, Performance, and Security** is your opportunity to learn and master an often misunderstood feature, including security and SQL injection. All aspects of security relevant to dynamic SQL are discussed in this book. You will learn many ways to save time and develop code more efficiently, and you will practice directly with security scenarios that threaten companies around the world every day. **Dynamic SQL: Applications, Performance, and Security** helps you bring the productivity and user-satisfaction of flexible and responsive applications to your organization safely and securely. Your organization's increased ability to respond to rapidly changing business scenarios will build competitive advantage in an increasingly crowded and competitive global marketplace. Discusses many applications of dynamic SQL, both simple and complex. Explains each example with demos that can be run at home and on your laptop. Helps you to identify when dynamic SQL can offer superior performance. Pays attention to security and best practices to ensure safety of your data. **What You Will Learn** Build flexible applications that respond fast to changing business needs. Take advantage of unconventional but productive uses of dynamic SQL. Protect your data from attack through best-practices in your implementations. Know about SQL Injection and be confident in your defenses against it Run at high performance by optimizing dynamic SQL in your applications. Troubleshoot and debug dynamic SQL to ensure correct results. **Who This Book is For** **Dynamic SQL: Applications, Performance, and Security** is for developers and database administrators looking to hone and build their T-SQL coding skills. The book is ideal for advanced users wanting to plumb the depths of application flexibility and troubleshoot performance issues involving dynamic SQL. The book is also ideal for beginners wanting to learn what dynamic SQL is about and how it can help them deliver competitive advantage to their organizations. **Dynamic SQL Applications, Performance, and Security : Rapid Response and Flexibility in the Face of Changing Business Requirements** **Expert SQL Server 2008 Development** [Apress](#) **Expert SQL Server 2008 Development** is aimed at SQL Server developers ready to move beyond Books Online. Author and experienced developer Alastair Aitchison shows you how to think about SQL Server development as if it were any other type of development. You'll learn to manage testing in SQL Server and to properly deal with errors and exceptions. The book also covers critical, database-centric

topics such as managing concurrency and securing your data and code through proper privileges and authorization. Alastair places focus on sound development and architectural practices that will help you become a better developer, capable of designing high-performance, robust, maintainable database applications. He shows you how to apply notable features in SQL Server such as encryption and support for hierarchical data. If developing for SQL Server is what puts the bread on your table, you can do no better than to read this book and to assimilate the expert-level practices that it provides. Promotes expert-level practices Leads to high performance, scalable code Improves productivity, getting you home in time for dinner Expert SQL Server 2005 Development [Apress](#) While building on the skills you already have, Expert SQL Server 2005 Development will help you become an even better developer by focusing on best practices and demonstrating how to design high-performance, maintainable database applications. This book starts by reintroducing the database as a integral part of the software development ecosystem. You'll learn how to think about SQL Server development as you would any other software development. For example, there's no reason you can't architect and test database routines just as you would architect and test application code. And nothing should stop you from implementing the types of exception handling and security rules that are considered so important in other tiers, even if they are usually ignored in the database. You'll learn how to apply development methodologies like these to produce high-quality encryption and SQLCLR solutions. Furthermore, you'll discover how to exploit a variety of tools that SQL Server offers in order to properly use dynamic SQL and to improve concurrency in your applications. Finally, you'll become well versed in implementing spatial and temporal database designs, as well as approaching graph and hierarchy problems. Sams Teach Yourself ADO.NET in 21 Days [Sams Publishing](#) ADO.NET refers to a set of classes that ship with Visual Studio .NET that allow developers to access data typically stored in relational databases. The purpose of this book is to explain the important features of ADO.NET to corporate developers who use VS .NET. Dan Fox also provides architectural guidance and best practices for using ADO.NET in corporate applications. Reference Tables show how members of ADO.NET classes fit into the bigger picture by denoting why or where the method or property is used. This book is filled with code snippets and code listings in both VB .NET and VC# .NET, sidebars, and mini case studies that briefly explore peripheral issues, tips, cautions, and additional resources. IBM Cognos Dynamic Query [IBM Redbooks](#) This IBM® Redbooks® publication explains how IBM Cognos® Business Intelligence (BI) administrators, authors, modelers, and power users can use the dynamic query layer effectively. It provides guidance for determining which technology within the dynamic query layer can best satisfy your business requirements. Administrators can learn how to tune the query service effectively and preferred practices for managing their business intelligence content. This book includes information about metadata modeling of relational data sources with IBM Cognos Framework Manager. It includes considerations that can help you author high-performing applications that satisfy analytical requirements of users. This book provides guidance for troubleshooting issues related to the dynamic query layer of Cognos BI. Related documents: Solution Guide : Big Data Analytics with IBM Cognos BI Dynamic Query Blog post : IBM Cognos Dynamic Query Extensibility Securing HP NonStop Servers in an Open Systems World TCP/IP, OSS and SQL [Elsevier](#) Recent corporate events have exposed the frequency and consequences of poor system security implementations and inadequate protection of private information. In a world of increasingly complex computing environments, myriad compliance regulations and the soaring costs of security breaches, it is economically essential for companies to become proactive in implementing effective system and data security measures. This volume is a comprehensive reference for understanding security risks, mitigations and best practices as they apply to the various components of these business-critical computing environments. HP NonStop Servers are used by Financial, Medical, Manufacturing enterprises where there can be no down time. Securing HP NonStop Servers in an Open Systems World: OSS, TCP/IP, and SQL takes a wide angle view of NonStop Server use. This book addresses protection of the Open Systems Services environment, network interfaces including TCP/IP and standard SQL databases. It lays out a roadmap of changes since our first book HP has made to Safeguard, elaborating on the advantages and disadvantages of implementing each new version. Even the security aspects of managing Operating System upgrades are given attention. Auditors, security policy makers, information security administrators and system managers will find the practical information they need for putting security principles into practice to meet industry standards as well as compliance regulations. \* Addresses security issues in Open Systems Services \* Critical security topics for network interfaces TCP/IP, SQL, etc. \* Updates to safeguard thru since publication of XYPRO's last book Proceedings Pro SQL Server Internals [Apress](#) Improve your ability to develop, manage, and troubleshoot SQL Server solutions by learning how different components work “under the hood,” and how they communicate with each other. The detailed knowledge helps in implementing and maintaining high-throughput databases critical to your business and its customers. You’ll learn how to identify the root cause of each problem and understand how different design and implementation decisions affect performance of your systems. New in this second edition is coverage of SQL Server 2016 Internals, including In-Memory OLTP, columnstore enhancements, Operational Analytics support, Query Store, JSON, temporal tables, stretch databases, security features, and other improvements in the new SQL Server version. The knowledge also can be applied to Microsoft Azure SQL Databases that share the same code with SQL Server 2016. Pro SQL Server Internals is a book for developers and database administrators, and it covers multiple SQL Server versions starting with SQL Server 2005 and going all the way up to the recently released SQL Server 2016. The book provides a solid road map for understanding the depth and power of the SQL Server database server and teaches how to get the most from the platform and keep your databases running at the level needed to support your business. The book: • Provides detailed knowledge of new SQL Server 2016 features and enhancements • Includes revamped coverage of columnstore indexes and In-Memory OLTP • Covers indexing and transaction strategies • Shows how various database objects and technologies are implemented internally, and when they should or should not be used • Demonstrates how SQL Server executes queries and works with data and transaction log What You Will Learn Design and develop database solutions with SQL Server. Troubleshoot design, concurrency, and performance issues. Choose

the right database objects and technologies for the job. Reduce costs and improve availability and manageability. Design disaster recovery and high-availability strategies. Improve performance of OLTP and data warehouse systems through in-memory OLTP and Columnstore indexes. Who This Book Is For Developers and database administrators who want to design, develop, and maintain systems in a way that gets the most from SQL Server. This book is an excellent choice for people who prefer to understand and fix the root cause of a problem rather than applying a 'band aid' to it.

**Security, Privacy and Trust in Cloud Systems** [Springer Science & Business Media](#) The book compiles technologies for enhancing and provisioning security, privacy and trust in cloud systems based on Quality of Service requirements. It is a timely contribution to a field that is gaining considerable research interest, momentum, and provides a comprehensive coverage of technologies related to cloud security, privacy and trust. In particular, the book includes - Cloud security fundamentals and related technologies to-date, with a comprehensive coverage of evolution, current landscape, and future roadmap. - A smooth organization with introductory, advanced and specialist content, i.e. from basics of security, privacy and trust in cloud systems, to advanced cartographic techniques, case studies covering both social and technological aspects, and advanced platforms. - Case studies written by professionals and/or industrial researchers. - Inclusion of a section on Cloud security and eGovernance tutorial that can be used for knowledge transfer and teaching purpose. - Identification of open research issues to help practitioners and researchers. The book is a timely topic for readers, including practicing engineers and academics, in the domains related to the engineering, science, and art of building networks and networked applications. Specifically, upon reading this book, audiences will perceive the following benefits: 1. Learn the state-of-the-art in research and development on cloud security, privacy and trust. 2. Obtain a future roadmap by learning open research issues. 3. Gather the background knowledge to tackle key problems, whose solutions will enhance the evolution of next-generation secure cloud systems.

**Implementing Practical DB2 Applications** [Springer Science & Business Media](#) **Implementing Practical DB2 Applications** provides a concise source of information for the development and implication of applications using IBM's DB2 relational database package in the MVS environment. The book describes the flagship DB2 version, namely that implemented for the MVS operating system environment where DB2 operates with the MVS transaction processing subsystems: CICS, IMS and TSO. The book is intended for both beginners and experts. It describes how the various components of SQL are used to provide practical applications. Containing tips and notes that were discovered the hard way - through hands on experience - this book will be welcomed by all those looking to implement applications in DB2. **DB2 Universal Database V8 Application Development Certification Guide** [Prentice Hall Professional](#) "The accompanying CD-ROM contains a complete trial version of IBM DB2 Universal Database Personal Edition version 8.1, for Windows operating environments, evaluation copy"--Back cover.

**DB2 for z/OS and WebSphere Integration for Enterprise Java Applications** [IBM Redbooks](#) **IBM DB2® for z/OS®** is a high-performance database management system (DBMS) with a strong reputation in traditional high-volume transaction workloads that are based on relational technology. **IBM WebSphere® Application Server** is web application server software that runs on most platforms with a web server and is used to deploy, integrate, execute, and manage Java Platform, Enterprise Edition applications. In this IBM® Redbooks® publication, we describe the application architecture evolution focusing on the value of having DB2 for z/OS as the data server and IBM z/OS® as the platform for traditional and for modern applications. This book provides background technical information about DB2 and WebSphere features and demonstrates their applicability presenting a scenario about configuring WebSphere Version 8.5 on z/OS and type 2 and type 4 connectivity (including the XA transaction support) for accessing a DB2 for z/OS database server taking into account high-availability requirements. We also provide considerations about developing applications, monitoring performance, and documenting issues. DB2 database administrators, WebSphere specialists, and Java application developers will appreciate the holistic approach of this document.

**Hack the world - Ethical Hacking** [Lulu.com](#) **ColdFusion MX Developer's Handbook** [John Wiley & Sons](#) **ColdFusion** is an extremely powerful web-development tool. Despite its short initial learning curve, attributed to its accessible HTML-like, tag-based syntax, it provides sophisticated content-management solutions for large-scale enterprises. This has never been truer than it is now, since the release of ColdFusion MX. To take advantage of this power, you must step outside the box to learn skills as diverse as application design and Web Services development-- topics addressed only briefly, if at all, in standard ColdFusion tutorials and reference books. **ColdFusion MX Developer's Handbook** teaches you what you need to broaden your ColdFusion skills and become a fully capable enterprise developer. Inside, 13 ColdFusion experts provide highly detailed, advanced instruction that will save you countless headaches and let you squeeze every last drop of functionality from the newest release. You'll master database integration techniques involving advanced SQL queries, stored procedures, and database upsizing. You'll take advantage of MX's improved integration with other technologies, incorporating Flash using Flash Remoting, and capitalizing on full XML support to create Web Services. In your custom coding, you'll build and deploy Java and C++ extensions and wirelessly extend ColdFusion's reach with components that talk to WAP and WML clients. All this comes wrapped in practical, hard-to-find advice for managing your content and applications and optimizing performance. Large applications with heavy traffic need speed and efficiency, and you get that with performance tuning, load balancing, and caching. If you're working in a clustered environment, you need to understand state management. No matter what your situation, you'll benefit from in-depth coverage of application security, debugging, and coding methodology using Fusebox. Every chapter is packed with the technical knowledge to give you what you need to create serious solutions. You might find that one particular chapter alone is worth the cost of the book because of the time and frustration it will save you. Most readers, however, will use various parts of this book at different times, depending on the constantly changing challenges faced by enterprise programmers. The mission of this book is to provide the extra skills you need to be a successful ColdFusion developer in today's demanding and expanding environment.

**Pro T-SQL 2008 Programmer's Guide** [Apress](#) Discussing new and existing features, SQL Server designer and administrator Michael Coles takes you on an expert guided tour of Transact-SQL functionality in SQL Server 2008 in his book, **Pro T-SQL 2008**

**Programmer's Guide.** Fully functioning examples and downloadable source code bring Coles' technically accurate and engaging treatment of Transact-SQL into your own hands. Step-by-step explanations ensure clarity, and an advocacy of best-practices will steer you down the road to success. **Pro T-SQL 2008 Programmer's Guide** is every developer's key to making full use of SQL Server 2008's powerful, built-in Transact-SQL language. Transact-SQL is the language developers and DBAs use to interact with SQL Server. It's used for everything from querying data, to writing stored procedures, to managing the database. New features in SQL Server 2008 include a spatial data type, SQLCLR integration, the MERGE statement, a dramatically improved and market-leading XML feature set, and support for encryption—all of which are covered in this book.

**System Center 2012 Configuration Manager (SCCM) Unleashed** [Sams Publishing](#) This is the comprehensive reference and technical guide to Microsoft System Center Configuration Manager 2012. A team of expert authors offers step-by-step coverage of related topics in every feature area, organized to help IT professionals rapidly optimize Configuration Manager 2012 for their requirements, and then deploy and use it successfully. The authors begin by introducing Configuration Manager 2012 and its goals, and explaining how it fits into the broader System Center product suite. Next, they fully address planning, design, and implementation. Finally, they systematically cover each of Configuration Manager 2012's most important feature sets, addressing issues ranging from configuration management to software distribution. Readers will learn how to use Configuration Manager 2012's user-centric capabilities to provide anytime/anywhere services and software, and to strengthen both control and compliance. The first book on Configuration Manager 2012, **System Center Configuration Manager 2012 Unleashed** joins Sams' market-leading series of books on Microsoft's System Center product suite: books that have achieved go-to status amongst IT implementers and administrators worldwide.

**Professional ADO.NET 3.5 with LINQ and the Entity Framework** [John Wiley & Sons](#) **Practical Cloud Security A Guide for Secure Design and Deployment** [O'Reilly Media](#) With their rapidly changing architecture and API-driven automation, cloud platforms come with unique security challenges and opportunities. This hands-on book guides you through security best practices for multivendor cloud environments, whether your company plans to move legacy on-premises projects to the cloud or build a new infrastructure from the ground up. Developers, IT architects, and security professionals will learn cloud-specific techniques for securing popular cloud platforms such as Amazon Web Services, Microsoft Azure, and IBM Cloud. Chris Dotson—an IBM senior technical staff member—shows you how to establish data asset management, identity and access management, vulnerability management, network security, and incident response in your cloud environment.

**Social Network Engineering for Secure Web Data and Services** [IGI Global](#) "This book provides empirical research on the engineering of social network infrastructures, the development of novel applications, and the impact of social network-based services over the internet"--Provided by publisher.

**Analytics Optimization with Columnstore Indexes in Microsoft SQL Server Optimizing OLAP Workloads** [Apress](#) Meet the challenge of storing and accessing analytic data in SQL Server in a fast and performant manner. This book illustrates how columnstore indexes can provide an ideal solution for storing analytic data that leads to faster performing analytic queries and the ability to ask and answer business intelligence questions with alacrity. The book provides a complete walk through of columnstore indexing that encompasses an introduction, best practices, hands-on demonstrations, explanations of common mistakes, and presents a detailed architecture that is suitable for professionals of all skill levels. With little or no knowledge of columnstore indexing you can become proficient with columnstore indexes as used in SQL Server, and apply that knowledge in development, test, and production environments. This book serves as a comprehensive guide to the use of columnstore indexes and provides definitive guidelines. You will learn when columnstore indexes should be used, and the performance gains that you can expect. You will also become familiar with best practices around architecture, implementation, and maintenance. Finally, you will know the limitations and common pitfalls to be aware of and avoid. As analytic data can become quite large, the expense to manage it or migrate it can be high. This book shows that columnstore indexing represents an effective storage solution that saves time, money, and improves performance for any applications that use it. You will see that columnstore indexes are an effective performance solution that is included in all versions of SQL Server, with no additional costs or licensing required.

**What You Will Learn** Implement columnstore indexes in SQL Server Know best practices for the use and maintenance of analytic data in SQL Server Use metadata to fully understand the size and shape of data stored in columnstore indexes Employ optimal ways to load, maintain, and delete data from large analytic tables Know how columnstore compression saves storage, memory, and time Understand when a columnstore index should be used instead of a rowstore index Be familiar with advanced features and analytics Who This Book Is For Database developers, administrators, and architects who are responsible for analytic data, especially for those working with very large data sets who are looking for new ways to achieve high performance in their queries, and those with immediate or future challenges to analytic data and query performance who want a methodical and effective solution

**Client/server A Manager's Guide** [Addison-Wesley](#) This book is a starting point for managers who are directly involved with applications development, as well as those who need to keep abreast of the latest trends and issues in client/server computing. The book takes a down-to-earth approach to this subject, with practical recommendations and advice, backed up by illustrative case studies.

**Introducing Microsoft SQL Server 2016 Mission-Critical Applications, Deeper Insights, Hyperscale Cloud, Preview 2** [Microsoft Press](#) With Microsoft SQL Server 2016, a variety of new features and enhancements to the data platform deliver breakthrough performance, advanced security, and richer, integrated reporting and analytics capabilities. In this Preview 2 ebook, we introduce three new security features: Always Encrypted, Row-Level Security, and dynamic data masking; discuss enhancements that enable you to better manage performance and storage: TempDB configuration, query store, and Stretch Database; review several improvements to Reporting Services; and also describe AlwaysOn Availability Groups, tabular enhancement, and R integration. This book is a preview edition because it's not complete; the final edition will be available Spring of 2016.

**Pro JPA 2 in Java EE 8 An In-Depth Guide to Java Persistence APIs** [Apress](#) Learn to use the Java Persistence API (JPA) and other related APIs as found in the Java EE 8 platform from the perspective of one of the

specification creators. A one-of-a-kind resource, this in-depth book provides both theoretical and practical coverage of JPA usage for experienced Java developers. Authors Mike Keith, Merrick Schincariol and Massimo Nardone take a hands-on approach, based on their wealth of experience and expertise, by giving examples to illustrate each concept of the API and showing how it is used in practice. The examples use a common model from an overarching sample application, giving you a context from which to start and helping you to understand the examples within an already familiar domain. After completing Pro JPA 2 in Java EE 8, you will have a full understanding of JPA and be able to successfully code applications using its annotations and APIs. The book also serves as an excellent reference guide.

**What You Will Learn** Use the JPA in the context of enterprise applications Work with object relational mappings (ORMs), collection mappings and more Build complex enterprise Java applications that persist data long after the process terminates Connect to and persist data with a variety of databases, file formats, and more Use queries, including the Java Persistence Query Language (JPQL) Carry out advanced ORM, queries and XML mappings Package, deploy and test your Java persistence-enabled enterprise applications

**Who This Book Is For** Experienced Java programmers and developers with at least some prior experience with J2EE or Java EE platform APIs.

**Web Information Systems Engineering - WISE 2012 13th International Conference, Paphos, Cyprus, November 28-30, 2012, Proceedings** Springer This book constitutes the proceedings of the 13th International Conference on Web Information Systems Engineering, WISE 2012, held in Paphos, Cyprus, in November 2012. The 44 full papers, 13 short papers, 9 demonstrations papers and 9 "challenge" papers were carefully reviewed and selected from 194 submissions. The papers cover various topics in the field of Web Information Systems Engineering.

**iBATIS in Action** Simon and Schuster iBATIS in Action teaches Java developers and architects how to use the iBATIS framework to map relational databases to object-oriented programs. Written by the creator of iBATIS, this practical book presents patterns and solutions that readers can apply immediately. iBATIS in Action shows Java developers how to tackle the problem of data persistence using the elegant iBATIS framework. iBATIS helps developers solve the problem of connecting- or mapping- relational databases to object-oriented code. An extensive running example presents reusable iBATIS patterns and common solutions. The sample application shows where iBATIS fits in a typical web application as well as how iBATIS integrates with other popular frameworks like Struts. iBATIS in Action focuses on solving existing problems without introducing new ones. In addition to showing what iBATIS does, iBATIS in Action also shows how iBATIS solves problems. Readers explore the driving design philosophy behind iBATIS as presented by iBATIS creator Clinton Begin. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

**Security Functions of IBM DB2 10 for z/OS** IBM Redbooks IBM® DB2® 9 and 10 for z/OS® have added functions in the areas of security, regulatory compliance, and audit capability that provide solutions for the most compelling requirements. DB2 10 enhances the DB2 9 role-based security with additional administrative and other finer-grained authorities and privileges. This authority granularity helps separate administration and data access that provide only the minimum appropriate authority. The authority profiles provide better separation of duties while limiting or eliminating blanket authority over all aspects of a table and its data. In addition, DB2 10 provides a set of criteria for auditing for the possible abuse and overlapping of authorities within a system. In DB2 10, improvements to security and regulatory compliance focus on data retention and protecting sensitive data from privileged users and administrators. Improvements also help to separate security administration from database administration. DB2 10 also lets administrators enable security on a particular column or particular row in the database complementing the privilege model. This IBM Redbooks® publication provides a detailed description of DB2 10 security functions from the implementation and usage point of view. It is intended to be used by database, audit, and security administrators.

**Expert One-on-One Oracle** Apress \* A proven best-seller by the most recognized Oracle expert in the world. \* The best Oracle book ever written. It defines what Oracle really is, and why it is so powerful. \* Inspired by the thousands of questions Tom has answered on his <http://asktom.oracle.com> site. It tackles the problems that developers and DBAs struggle with every day. \* Provides everything you need to know to program correctly with the database and exploit its feature-set effectively.

**Ruby on Rails for PHP and Java Developers** Springer Science & Business Media This book covers developing web applications with Ruby on Rails. It discusses Ajax, directory services, and web services. The book details the configuration of Ruby on Rails with different databases such as MySQL, Oracle and SQL Server 2005. In addition, it makes a comparison with PHP, the most commonly used scripting language for developing web applications. The book also provides example applications that may be modified to suit a developer's application.

**Getting Started with the IBM Smart Analytics System 9600** IBM Redbooks The IBM® Smart Analytics System 9600 is a single, end-to-end business analytics solution to accelerate data warehousing and business intelligence initiatives. It provides integrated hardware, software, and services that enable enterprise customers to quickly and cost-effectively deploy business-changing analytics across their organizations. As a workload-optimized system for business analytics, it leverages the strengths of the System z® platform to drive: Significant savings in hardware, software, operating, and people costs to deliver a complete range of data warehouse and BI capabilities Faster time to value with a reduction in the time and speed associated with deploying Business Intelligence Industry-leading scalability, reliability, availability, and security Simplified and faster access to the data on System z

**Encyclopedia of Portal Technologies and Applications** IGI Global [Informatique].

**Introducing Microsoft SQL Server 2016 Mission-Critical Applications, Deeper Insights, Hyperscale Cloud** Microsoft Press With Microsoft SQL Server 2016, a variety of new features and enhancements to the data platform deliver breakthrough performance, advanced security, and richer, integrated reporting and analytics capabilities. In this ebook, we introduce new security features: Always Encrypted, Row-Level Security, and dynamic data masking; discuss enhancements that enable you to better manage performance and storage: TemDB configuration, query store, and Stretch Database; review several improvements to Reporting Services; and also describe AlwaysOn Availability Groups, tabular enhancements, and R integration.

**Pro JPA 2 Mastering the JavaTM Persistence API** Apress Pro JPA 2 introduces, explains, and demonstrates how to use the Java Persistence API (JPA). JPA

provides Java developers with both the knowledge and insight needed to write Java applications that access relational databases through JPA. Authors Mike Keith and Merrick Schincariol take a hands-on approach to teaching by giving examples to illustrate each concept of the API and showing how it is used in practice. All of the examples use a common model from an overriding sample application, giving readers a context from which to start and helping them to understand the examples within an already familiar domain. After completing the book, you will have a full understanding and be able to successfully code applications using JPA. The book also serves as a reference guide during initial and later JPA application experiences. Hands-on examples for all the aspects of the JPA specification, based on the reference implementation of this specification A special section on migration to JPA Expert insight about various aspects of the API and when they are useful Portability hints to provide increased awareness of the potential for non-portable JPA code Ultra-Fast ASP.NET 4.5 [Apress](#) Ultra-Fast ASP.NET 4.5 presents a practical approach to building fast and scalable web sites using ASP.NET and SQL Server. In addition to a wealth of tips, tricks and secrets, you'll find advice and code examples for all tiers of your application, including the client, caching, IIS 7.5, ASP.NET 4.5, threads, session state, SQL Server 2012 (otherwise known as Denali), Analysis Services, infrastructure and operations. By applying author Rick Kiessig's ultra-fast approach to your projects, you'll squeeze every last ounce of performance out of your code and infrastructure—giving your site unrivaled speed. Rather than drowning you in options, Ultra-Fast ASP.NET 4.5 presents and explains specific high-impact recommendations and demonstrates them with detailed examples. Using this knowledge, you will soon be building high-performance web sites that scale easily as your site grows. Apply the key principles that will help you build Ultra-Fast and Ultra-Scalable web sites. Identify performance traps (such as with session state) and learn how to avoid them. Put into practice an end-to-end systems-based approach to web site performance and scalability, which includes everything from the browser and the network to caching, back-end operations, hardware infrastructure, and your software development process. Deep Learning and Neural Networks: Concepts, Methodologies, Tools, and Applications Concepts, Methodologies, Tools, and Applications [IGI Global](#) Due to the growing use of web applications and communication devices, the use of data has increased throughout various industries. It is necessary to develop new techniques for managing data in order to ensure adequate usage. Deep learning, a subset of artificial intelligence and machine learning, has been recognized in various real-world applications such as computer vision, image processing, and pattern recognition. The deep learning approach has opened new opportunities that can make such real-life applications and tasks easier and more efficient. Deep Learning and Neural Networks: Concepts, Methodologies, Tools, and Applications is a vital reference source that trends in data analytics and potential technologies that will facilitate insight in various domains of science, industry, business, and consumer applications. It also explores the latest concepts, algorithms, and techniques of deep learning and data mining and analysis. Highlighting a range of topics such as natural language processing, predictive analytics, and deep neural networks, this multi-volume book is ideally designed for computer engineers, software developers, IT professionals, academicians, researchers, and upper-level students seeking current research on the latest trends in the field of deep learning. InfoWorld InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects. OS/2 2.X Notebook [Van Nostrand Reinhold Computer](#) This is an anthology of the most useful and provocative articles on IBM's OS/2 2.0 which have appeared in the IBM Personal System Developer and IBM OS/2 System Developer, organized for easy access, and reliable reference. All articles have been reviewed for highest applicability, and updated, for maximum currency. Information Systems Security and Privacy 5th International Conference, ICISSP 2019, Prague, Czech Republic, February 23-25, 2019, Revised Selected Papers [Springer Nature](#) This book constitutes the revised selected papers of the 5th International Conference on Information Systems Security and Privacy, ICISSP 2019, held in Prague, Czech Republic, in February 2019. The 19 full papers presented were carefully reviewed and selected from a total of 100 submissions. The papers presented in this volume address various topical research, including new approaches for attack modelling and prevention, incident management and response, and user authentication and access control, as well as business and human-oriented aspects such as data protection and privacy, and security awareness. Black Hat Physical Device Security: Exploiting Hardware and Software [Elsevier](#) Black Hat, Inc. is the premier, worldwide provider of security training, consulting, and conferences. In Black Hat Physical Device Security: Exploiting Hardware and Software, the Black Hat experts show readers the types of attacks that can be done to physical devices such as motion detectors, video monitoring and closed circuit systems, authentication systems, thumbprint and voice print devices, retina scans, and more. The Black Hat Briefings held every year in Las Vegas, Washington DC, Amsterdam, and Singapore continually expose the greatest threats to cyber security and provide IT mind leaders with ground breaking defensive techniques. There are no books that show security and networking professionals how to protect physical security devices. This unique book provides step-by-step instructions for assessing the vulnerability of a security device such as a retina scanner, seeing how it might be compromised, and taking protective measures. The book covers the actual device as well as the software that runs it. By way of example, a thumbprint scanner that allows the thumbprint to remain on the glass from the last person could be bypassed by pressing a "gummy bear" piece of candy against the glass so that the scan works against the last thumbprint that was used on the device. This is a simple example of an attack against a physical authentication system. First book by world-renowned Black Hat, Inc. security consultants and trainers First book that details methods for attacking and defending physical security devices Black Hat, Inc. is the premier, worldwide provider of security training, consulting, and conferences