

IBM Informix DB-Access

User's Guide

IBM Informix Extended Parallel Server, Version 8.4
IBM Informix Dynamic Server, Version 8.4

March 2003
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Ibm Informix Db Access User Guide

**Whei-Jen Chen, Chee Fong Koh, Deen
Murad, Holger Kirstein, Rakeshkumar
Naik, IBM Redbooks**

Ibm Informix Db Access User Guide

IBM Informix Developer's Handbook Whei-Jen Chen, Krishna Doddi, Manoj Ghogale, David Jay, Javier Sagrera, IBM Redbooks, 2011-01-17 IBM Informix is a low administration easy to use and embeddable database that is ideal for application development It supports a wide range of development platforms such as Java™ NET PHP and web services enabling developers to build database applications in the language of their choice Informix is designed to handle RDBMS data and XML without modification and can be extended easily to handle new data sets This IBM Redbooks publication provides fundamentals of Informix application development It covers the Informix Client installation and configuration for application development environments It discusses the skills and techniques for building Informix applications with Java ESQL C OLE DB NET PHP Ruby on Rails DataBlade and Hibernate The book uses code examples to demonstrate how to develop an Informix application with various drivers APIs and interfaces It also provides application development troubleshooting and considerations for performance This book is intended for developers who use IBM Informix for application development Although some of the topics that we discuss are highly technical the information in the book might also be helpful for managers or database administrators who are looking to better understand their Informix development environment

Informix Guide to SQL Informix Software, Inc, 1995 Designed as a companion volume to the INFORMIX Guide to SQL Tutorial this comprehensive reference covers the Structured Query Language SQL as it is implemented in Informix products **KEY TOPICS** Outlines the structure and contents of the demonstration database stores5 and explains the 21 Informix system catalog tables that describe that structure defines the column data types supported by Informix products and explains data type conversion techniques describes the various environment variables that can or should be set to properly use Informix products explains error handling the system descriptor area and the SQL Descriptor Area sqlda details the workings of all the SQL statements supported by Informix products with step by step diagrams explaining every clause of each SQL statement and shows how to create and use stored procedures **MARKET A** reference to SQL for those who already know how to use computers and who rely on them in their daily work **Migrating from Microsoft SQL Server to IBM Informix** Whei-Jen Chen, Chee Fong Koh, Deen Murad, Holger Kirstein, Rakeshkumar Naik, IBM Redbooks, 2010-07-22 In this IBM Redbooks publication we discuss considerations and describe a methodology for transitioning from Microsoft SQL Server 2008 to the Informix Dynamic Server We focus on the topic areas of data applications and administration providing information about the differences in features and functionality including the data types data manipulation language data definition language and stored procedures Understanding the features and functionality of the two products assists you in developing a migration plan We provide a conversion methodology and discuss the processes for migrating the database objects and data from SQL Server to Informix using various methods We show the SQL differences between SQL Server and Informix and illustrate with

examples how to convert tables views stored procedures functions and triggers We provide script conversion samples for data loading We describe application programming and conversion considerations In addition we discuss the Informix configuration as well as the administration features and functions Informix provides to help DBAs manage the Informix database server after it is migrated With this information you can develop your required transition methodology and you can plan and execute the conversion activities in an orderly and cost effective manner

[Deployment Guide for InfoSphere Guardium](#) Whei-Jen Chen,Boaz Barkai,Joe M DiPietro,Vladislav Langman,Daniel Perlov,Roy Riah,Yosef Rozenblit,Abdiel Santos,IBM Redbooks,2015-04-14 IBM InfoSphere Guardium provides the simplest most robust solution for data security and data privacy by assuring the integrity of trusted information in your data center InfoSphere Guardium helps you reduce support costs by automating the entire compliance auditing process across heterogeneous environments InfoSphere Guardium offers a flexible and scalable solution to support varying customer architecture requirements This IBM Redbooks publication provides a guide for deploying the Guardium solutions This book also provides a roadmap process for implementing an InfoSphere Guardium solution that is based on years of experience and best practices that were collected from various Guardium experts We describe planning installation configuration monitoring and administrating an InfoSphere Guardium environment We also describe use cases and how InfoSphere Guardium integrates with other IBM products The guidance can help you successfully deploy and manage an IBM InfoSphere Guardium system This book is intended for the system administrators and support staff who are responsible for deploying or supporting an InfoSphere Guardium environment

Embedding IBM Informix Whei-Jen Chen,Oluwatosin Ajayi,Mirav Kapadia,Alexander Koerner,Jacques Roy,Dick Snoke,IBM Redbooks,2011-02-17 In this IBM Redbooks publication we discuss and describe the capabilities for embedding Informix into applications and software We introduce the technological architecture and describe several of the functions and features that support Informix as a robust and powerful embeddable DBMS Many of these features are unique in the industry today enabling clients to create a business advantage The Informix database server can support the requirements of an embeddable DBMS and is doing so for many companies today The low administration requirements of the Informix database server enable clients to deploy thousands of Informix instances embedded in applications in locations where there are no technical resources to support the database The real requirement is for applications with embedded databases that require little or no administration take minimum storage resources have excellent performance and are highly reliable As a mature and reliable DBMS the Informix database server works well with small growing and large databases and meets the key requirements for embedded databases which include the ability to execute without needing any configuration or other DBA administrative activities and the flexibility to work on all of the platforms commonly used in the marketplace today

Solving Business Problems with Informix TimeSeries Vaibhav S Dantale,Tony Hays,Anup Nair,Jacques Roy,IBM Redbooks,2012-09-21 The world is becoming more and more instrumented interconnected and intelligent in what

IBM terms a smarter planet with more and more data being collected for analysis In trade magazines this trend is called big data As part of this trend the following types of time based information are collected Large data centers support a corporation or provide cloud services These data centers need to collect temperature humidity and other types of information over time to optimize energy usage Utility meters referred to as smart meters allow utility companies to collect information over a wireless network and to collect more data than ever before IBM Informix TimeSeries is optimized for the processing of time based data and can provide the following benefits Storage savings Storage can be optimized when you know the characteristics of your time based data Informix TimeSeries often uses one third of the storage space that is required by a standard relational database Query performance Informix TimeSeries takes into consideration the type of data to optimize its organization on disk and eliminates the need for some large indexes and additional sorting For these reasons and more some queries can easily have an order of magnitude performance improvement compared to standard relational Simpler queries Informix TimeSeries includes a large set of specialized functions that allow you to better express the processing that you want to execute It even provides a toolkit so that you can add proprietary algorithms to the library This IBM Redbooks publication is for people who want to implement a solution that revolves around time based data It gives you the information that you need to get started and be productive with Informix TimeSeries

Smarter Business: Dynamic Information with IBM InfoSphere Data Replication CDC Chuck Ballard,Alec Beaton,Mark Ketchie, Frank Ketelaars,Anzar Noor,Judy Parkes,Deepak Rangarao,Bill Shubin,Wim Van Tichelen,IBM Redbooks,2012-03-12 To make better informed business decisions better serve clients and increase operational efficiencies you must be aware of changes to key data as they occur In addition you must enable the immediate delivery of this information to the people and processes that need to act upon it This ability to sense and respond to data changes is fundamental to dynamic warehousing master data management and many other key initiatives A major challenge in providing this type of environment is determining how to tie all the independent systems together and process the immense data flow requirements IBM InfoSphere Change Data Capture InfoSphere CDC can respond to that challenge providing programming free data integration and eliminating redundant data transfer to minimize the impact on production systems In this IBM Redbooks publication we show you examples of how InfoSphere CDC can be used to implement integrated systems to keep those systems updated immediately as changes occur and to use your existing infrastructure and scale up as your workload grows InfoSphere CDC can also enhance your investment in other software such as IBM DataStage and IBM QualityStage IBM InfoSphere Warehouse and IBM InfoSphere Master Data Management Server enabling real time and event driven processes Enable the integration of your critical data and make it immediately available as your business needs it

IBM Informix Flexible Grid: Extending Data Availability Whei-Jen Chen,Venkatesh Gopal,Holger Kirstein, Madison Pruet,Nilesh Ozarkar, Ammu Soni,Amit Vashishtha,IBM Redbooks,2012-12-18 In this IBM Redbooks publication we focus on and provide an overview of the high availability and Enterprise Replication

features of IBM Informix 11 70 Informix provides solutions for making data highly available in the MACH11 cluster The components of the MACH11 cluster include High Availability Data Replication HDR Shared Disk Secondary SDS and Remote Secondary Standby RSS servers Enterprise Replication ER provides a means of selectively replicating data between systems in near real time The Informix Flexible Grid eliminates the administrative complexity of ER Flexible Grid provides the ability to automatically create database objects such as tables indexes and stored procedures on all nodes within the grid as a single operation These enhanced Enterprise Replication features provide solutions for those customers requiring reliable and quick dissemination of data across a global organization There is also enhanced capability for customers requiring High Availability Disaster Recovery in the form of the ability to resend primary server indexes to secondary servers without requiring a rebuild of the index on the primary server Capabilities such as these enable faster easier and more reliable distribution and high availability of data resulting in improved access and use throughout the enterprise

IBM solidDB: Delivering Data with Extreme Speed Chuck Ballard, Dan Behman, Asko Huuomonen, Kyosti Laiho, Jan Lindstrom, Marko Milek, Michael Roche, John Seery, Katriina Vakkila, Jamie Watters, Antoni Wolski, IBM Redbooks, 2011-05-06 The world seems to be getting smaller and business moving much faster To be successful in this type of environment you need instantaneous access to any information immediate responses to queries and constant availability on a worldwide basis and in a world where the volume of data is growing exponentially You need the best resources you can get and ones that can satisfy those needs IBM can help A primary component that can affect performance is access to disk based data And as data volumes grow so does the performance impact To improve performance it is time to look for technology enhancements that can mitigate that impact IBM solidDB is powerful relational in memory caching software that can accelerate traditional disk based relational database servers by caching performance critical data into one or more solidDB in memory database instances This capability can enable significant performance improvements It brings data closer to the application so you can use a faster and more efficient data access paradigm The result Faster delivery of information for your queries to enable faster analysis and decision making that can give you a significant business advantage Have questions Many of the answers you need are contained in this IBM Redbooks publication *IBM Cloudant: Database as a Service Advanced Topics* Christopher D. Bienko, Marina Greenstein, Stephen E Holt, Richard T Phillips, IBM Redbooks, 2015-04-17 This IBM Redpaper™ publication describes advanced topics for IBM Cloudant a NoSQL JSON document store that is optimized for handling heavy workloads of concurrent reads and writes in the cloud a workload that is typical of large fast growing web and mobile apps You can use Cloudant as a fully managed DBaaS running on public cloud platforms like IBM SoftLayer or via an on premise version called Cloudant Local that you can run yourself on any private public or hybrid cloud platform This paper is the third in a series of IBM Redbooks publications on Cloudant Be sure to read the others IBM Cloudant The Do More NoSQL Data Layer TIPS1187 and IBM Cloudant Database as a service Fundamentals REDP 5126

MySQL to DB2 Conversion Guide Whei-Jen

Chen,Angela Carlson,IBM Redbooks,2009-12-01 Switching database vendors is often considered an exhausting challenge for database administrators and developers Complexity total cost and the risk of downtime are often the reasons that restrain IT decision makers from starting the migration project The primary goal of this book is to show that with the proper planning and guidance converting from MySQL to IBM DB2 is not only feasible but straightforward If you picked up this book you are most likely considering converting to DB2 and are probably aware of several of the advantages of to converting to DB2 data server In this IBM Redbooks publication we discuss in detail how you can take advantage of this industry leading database server This book is an informative guide that describes how to convert the database system from MySQL™ 5.1 to DB2 V9.7 on Linux and the steps that are involved in enabling the applications to use DB2 instead of MySQL This guide also presents the best practices in conversion strategy and planning conversion tools porting steps and practical conversion examples It is intended for technical staff that is involved in a MySQL to DB2 conversion project *Database Administration* Craig Mullins,2002 Giving comprehensive soup to nuts coverage of database administration this guide is written from a platform independent viewpoint emphasizing best practices **Database and Expert Systems Applications** Kim V. Andersen,John Debenham,Roland Wagner,2005-08-11 DEXA 2005 the 16th International Conference on Database and Expert Systems Applications was held at the Copenhagen Business School Copenhagen Denmark from August 22 to 26 2005 The success of the DEXA series has partly been due to the way in which it has kept abreast of recent developments by spawning specialized workshops and conferences each with its own proceedings In 2005 the DEXA programme was co located with the 7th International Conference on Data Warehousing and Knowledge Discovery DaWaK 2005 the 6th International Conference on Electronic Commerce and Web Technologies EC Web 2005 the 4th International Conference on Electronic Government EGOV 2005 the 2nd International Conference on Trust Privacy and Security in Digital Business TrustBus 2005 the 2nd International Conference on Industrial Applications of Holonic and Multi agent Systems HoloMAS 2005 as well as 19 specialized workshops These proceedings are the result of a considerable amount of hard work Beginning with the preparation of submitted papers the papers went through the reviewing process This process was supported by online discussion between the reviewers to determine the final conference program The authors of accepted papers revised their manuscripts to produce this fine collection DEXA 2005 received 390 submissions and from those the Program Committee selected the 92 papers in these proceedings This year the reviewing process generated more than 1000 referee reports The hard work of the authors the referees and the Program Committee is gratefully acknowledged Data Studio and DB2 for z/OS Stored Procedures Paolo Bruni,Marichu Scanlon,IBM Redbooks,2011-03-15 Stored procedures can provide major benefits in the areas of application performance code re use security and integrity DB2 has offered ever improving support for developing and operating stored procedures This IBM Redpaper™ publication is devoted to tools that can be used for accelerating the development and debugging process in particular to the stored procedure support provided by the latest and

fastest evolving IBM product Data Studio We discuss topics related to handling stored procedures across different platforms We concentrate on how to use tools for deployment of stored procedures on z OS but most considerations apply to the other members of the DB2 family This paper is a major update of Part 6 Cool tools for an easier life of the IBM Redbooks publication DB2 9 for z OS Stored Procedures Through the CALL and Beyond SG24 7604 [IBM InfoSphere Information Server Installation and Configuration Guide](#) Patrick (Danny) Owen,IBM Redbooks,2013-01-14 This IBM Redpaper™ publication provides suggestions hints and tips directions installation steps checklists of prerequisites and configuration information collected from several IBM InfoSphere Information Server experts It is intended to minimize the time required to successfully install and configure InfoSphere Information Server The information in this document is based on field experiences of experts who have implemented InfoSphere Information Server As such it is intended to supplement and not replace the product documentation Discover the proven choices and combinations for installing InfoSphere Information Server that have been the most successful for the IBM InfoSphere Center Of Excellence This paper includes a broad range of customer needs and experiences with a focus on the following areas InfoSphere Information Server architecture Checklists Prerequisites Configuration choices that work well together This paper is based on thousands of hours of production systems experience from which you can now reap significant benefits

Implementing Cisco Unified Communications Manager Josh Finke,Dennis Hartmann,2012 Rev ed of Implementing Cisco Unified Communications Manager authorized self study guide Dennis Hartmann Chris Olsen c2008 c2009

SQL Performance Tuning Peter Gulutzan,Trudy Pelzer,2003 A very practical guide to making databases run faster and better A poorly performing database application can cost each user time and have an impact on other applications running on the same computer or the same network This book will help DBAs and programmers improve the performance of their databases

Role-based Access Control David Ferraiolo,D. Richard Kuhn,Ramaswamy Chandramouli,2003 The authors explain role based access control RBAC its administrative and cost advantages implementation issues and migration from conventional access control methods to RBAC

Query Acceleration for Business Using IBM Informix Warehouse Accelerator Whei-Jen Chen,Nigel Campbell,Martin Fuerderer,Frederick Ho,Holger Kirstein,Keshava Murthy,Ramanathan Sivaguru,IBM Redbooks,2013-11-06 IBM Informix Warehouse Accelerator is a state of the art in memory database that uses affordable innovations in memory and processor technology and trends in novel ways to boost query performance It is a disruptive technology that changes how organizations provide analytics to its operational and historical data Informix Warehouse Accelerator uses columnar in memory approach to accelerate even the most complex warehouse and operational queries without application changes or tuning This IBM Redbooks publication provides a comprehensive look at the technology and architecture behind the system It contains information about the tools data synchronization and query processing capabilities of Informix Warehouse Accelerator and provides steps to implement data analysis by using Informix Warehouse Accelerator within an organization This book is

intended for IBM Business Partners and clients who are looking for low cost solutions to boost data warehouse query performance *The Definitive Guide to Power Query (M)* Gregory Deckler, Rick de Groot, Melissa de Korte, 2024-03-29 Learn how to use the Power Query M formula language and its functions effectively for better data modeling and impactful business intelligence reports Purchase of the print or Kindle book includes a free PDF eBook Key Features Get comprehensive coverage of fundamental and advanced Power Query concepts Gain hands on experience with practical examples based on real world problems Delve into the intricacies of Power Query M language for enhanced data manipulation Book Description Data transformation is a critical step in building data models and business intelligence reports Power Query is an invaluable tool for anyone who wants to master data transformation and this book will equip you with the knowledge and skills to make the most of it The Definitive Guide to Power Query M will help you build a solid foundation in the Power Query M language As you progress through the chapters you ll learn how to use that knowledge to implement advanced concepts and data transformations This will set the stage for an uncompromisingly thorough exploration of the Power Query M Language You ll also get to grips with optimizing performance handling errors and implementing efficient data processing techniques As this is a hands on guide the practical examples in the chapters will help you gain the skills to apply Power Query to real world problems and improve your data analysis capabilities By the end of this book you will be able to leverage all of Power Query s remarkable capabilities for data transformation What you will learn Gain a strong understanding of Power Query fundamentals Master various functions within Power Query to perform complex data operations Acquire knowledge about values types and control structures in Power Query Develop proficiency in error handling techniques Learn performance optimization strategies for Power Query Apply what you ve learned to real world scenarios including common troublesome patterns Who this book is for This book is for business analysts business intelligence professionals and power business users working with data who want to add Power Query mastery to their resume This book will be beneficial for anyone who wants to automate their process of data cleaning and save huge amount of time Having some basic experience in Power Query is recommended

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Table of Contents **Ibm Informix Db Access User Guide**

1. Understanding the eBook **Ibm Informix Db Access User Guide**
 - The Rise of Digital Reading **Ibm Informix Db Access User Guide**
 - Advantages of eBooks Over Traditional Books
2. Identifying **Ibm Informix Db Access User Guide**
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms

- Features to Look for in an Ibm Informix Db Access User Guide
- User-Friendly Interface
- 4. Exploring eBook Recommendations from Ibm Informix Db Access User Guide
 - Personalized Recommendations
 - Ibm Informix Db Access User Guide User Reviews and Ratings
 - Ibm Informix Db Access User Guide and Bestseller Lists
- 5. Accessing Ibm Informix Db Access User Guide Free and Paid eBooks
 - Ibm Informix Db Access User Guide Public Domain eBooks
 - Ibm Informix Db Access User Guide eBook Subscription Services
 - Ibm Informix Db Access User Guide Budget-Friendly Options
- 6. Navigating Ibm Informix Db Access User Guide eBook Formats
 - ePub, PDF, MOBI, and More
 - Ibm Informix Db Access User Guide Compatibility with Devices
 - Ibm Informix Db Access User Guide Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Ibm Informix Db Access User Guide
 - Highlighting and Note-Taking Ibm Informix Db Access User Guide
 - Interactive Elements Ibm Informix Db Access User Guide
- 8. Staying Engaged with Ibm Informix Db Access User Guide
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Ibm Informix Db Access User Guide
- 9. Balancing eBooks and Physical Books Ibm Informix Db Access User Guide
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Ibm Informix Db Access User Guide
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Ibm Informix Db Access User Guide

- Setting Reading Goals Ibm Informix Db Access User Guide
- Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Ibm Informix Db Access User Guide
 - Fact-Checking eBook Content of Ibm Informix Db Access User Guide
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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