Powerbuilder 12 Datawindow To

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Over a decade ago PowerBuilder introduced the idea of rapid Client/Server application development and, for much of that time, was the leader in both technology and sales in the enterprise development market. Although PowerBuilder has lost significant market share to Visual Basic and Delphi, it still enjoys an intensely loyal developer community of close to 300,000. Version 9 of PowerBuilder continues the tradition of introducing leading-edge technology to these developers. PowerBuilder 9 Client/Server Development zeroes in on the most important aspects of building client/server applications in PowerBuilder, including PBNI (native interface), PFC (foundation classes), and database connectivity.

By presenting more than 100 problems with detailed solutions in an award-winning question-and-answer format, this book works for developers at all levels. the accompanying CD-ROM contains concise sample code that can be imediately incorporated into real-life business applications.

A class library is a collection of frequently used programs that software developers reuse when building applications. This book explains Powersoft's Foundation Class (PCF) Library for PowerBuilder. It covers application development, tuning and maintenance, and running PowerBuilder applications on the Internet. The CD-ROM contains templates and tools for building Internet applications.

Transact-SQL doesn't always offer the functions needed for a project, but with user-defined functions, introduced in Microsoft SQL Server 2000, programmers can create their own. The book discusses creating, using, and managing user-defined functions and system user-defined functions. The first part of the book explains the SQL syntax required to create, manage, and use UDFs; the second part describes the system UDFs that Microsoft has added to SQL Server as tools to implement SQL Server functionality.

PowerBuilder is a client-server computer language that is a tool of choice among much of corporate America. In a question-and-answer format, this book looks at PowerBuilder 5.0 from the developer's point of view. All aspects of PowerBuilder programming are covered including the installation of the development environment, the application, library, datawindow, and window painters, as well as how to use object-oriented programming techniques to maximize efficiency of code. The recently released PowerBuilder Internet tools are also discussed.

Code samples guide developers through the processes of building an application with Powerbuilder 7, with demonstrations on how skills in Internet and distributed technologies can be gained using Jaguar CTS and PowerDynamo. Drawings, tables, screen shots included.

The popularity of REST in recent years has led to tremendous growth in almost-RESTful APIs that don't include many of the architecture's benefits. With this practical guide, you'll learn what it takes to design usable REST APIs that evolve over time. By focusing on solutions that cross a variety of domains, this book shows you how to create powerful and secure applications, using the tools designed for the world's most successful distributed computing system: the World Wide Web. You'll explore the concepts behind REST, learn different strategies for creating hypermedia-based APIs, and then put everything together with a step-by-step guide to designing a RESTful Web API. Examine API design strategies, including the collection pattern and pure hypermedia Understand how hypermedia ties representations together into a coherent API Discover how XMDP and ALPS profile formats can help you meet the Web API "semantic challenge" Learn close to two-dozen standardized hypermedia data formats Apply best practices for using HTTP in API implementations Create Web APIs with the JSON-LD standard and other the Linked Data approaches Understand the CoAP protocol for using REST in embedded systems

Professional PowerBuilder Programming is a complete hands-on reference covering the fundamentals of PowerBuilder applications development. With PowerBuilder guru Paul Bukauskas at your side, you'll walk through the entire process of building a PowerBuilder application - including interface development, scripts, data types, accessing external database information, managing transactions, compiling and debugging, even project management. Learn exactly how PowerBuilder leverages event-driven, object-oriented techniques to help you build programs that take full advantage of the Windows environment. Understand PowerBuilder painters that help you quickly build your application's interface, structure, database tables, queries, and other elements. Discover how PowerBuilder's extensive tools streamline application development.

Companion CD includes SQL Anywhere Studio 9 Developer Edition (for Windows), all the code from the examples and full BNF from the book in HTML format!SQL Anywhere Studio 9 Developers Guide describes in detail how to administer and program SQL Anywhere, the leading relational database for mobile, distributed, and embedded applications. This book focuses on the various tasks performed during the life cycle of a typical database, such as creating tables and other schema objects, and inserting, selecting, updating, and deleting data. Additional topics include packaging SQL code into procedures, triggers, and events; distributing data across multiple databases using MobiLink; protecting the database from disaster; and tuning for performance.

A practical guide to the powerful database building application employs a real-world problem solving approach that covers all aspects of development, including scalable client/server applications, mixing workstations, PCs, and mainframes, application and user interfaces, and more. Original. (Intermediate)

Packed with dozens of no-nonsense chapters written by leading professionals, Handbook of Data Management, 1999 Edition shows your students how to design, build, and maintain high-performance, high-availability databases in multiple environments. Handbook of Data Management, 1999 Edition is the most comprehensive, single-volume guide of its kind. The book provides the latest, most innovative solutions for planning, developing, and running a powerful data management function. Here students will find exhaustive coverage of the range of data repositories (from legacy indexed files to object data bases and data warehouses) as well as details on everything from strategic planning to maximizing database performance. Completely revised and updated to reflect latebreaking technologies, Handbook of Data Management, 1999 Edition includes extensive case studies and straightforward descriptions showing students how to: implement Web-enabled data warehouses build multimedia databases master data mining use enterprise database modeling stay up-to-date with data conversion and migration maximize OLAP architectures and tools Handbook of Data Management, 1999 Edition also provides ongoing coverage of the latest tools and techniques regarding: organization for quality information systems data definition database design and management object and hybrid databases and more Each contributor to Handbook of Data Management, 1999 Edition is an expert with first-hand experience in database and data management. These contributors provide a depth and breadth of coverage you and your students simply won't find anywhere else. Prepare your students for "real-world" business computing. Start them off with Handbook of Data Management, 1999 Edition.

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Coverage ranges from the basics to building full-scale systems. Readers are shown step-by-step how to design an application and set up the PowerBuilder development environment; create a window/menu

interface; build windows, menus and data windows; debug and refine code; build common functions and user objects; distribute applications; and use Powerbuilder for database administration.
Covers the new Windows 95 versions of Word, Excel, Access and PowerPoint in the context of real business problems
InfoWorld
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The reader will come away from this book with a solid understanding of the capabilities of PowerBuilder, the development techniques that are used to developPowerbuilder applications, and the way to make effective use of PowerBuilder as an Application Generator.
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Describes how to develop enterprise solutions Covers full development life cycle for PowerBuilder applications Covers testing and migration of PowerBuilder applications Includes working examples and source code Disk includes source code for tab folder interface, sample code using the ORCA API, and helpful developer utilities Advanced PowerBuilder 4 Techniques goes way beyond the scope of PowerBuilder documentation and most books on the subject, and covers all areas of version 4 including: Complete coverage of interfaces to other applications and systems, including Microsoft's Messaging API (MAPI), VIM, PVCS control software, the Open Repository CASE API (ORCA), and Windows SDK Three-tier architectures, TP monitors, and gateways Data pipelines, OLE 2, ODBC, and multiplatform issues About BSG BSG is a leading IT services company for the next generation. BSG's Stransformation (Strategy Transformed into Action) approach combines client/server systems integration, consulting, technology transfer, and education. Led by its Chairman and CEO, Steven G. Papermaster, BSG partners with companies worldwide in applying emerging technologies to meet changing business needs. Founded in 1987, BSG now has seven offices throughout the United States.Everything you need to know about PowerBuilder(r) version 4, the latest release of the most popular development tool for high-performance client/server applications. Advanced PowerBuilder 4 Techniques is the ultimate insider's guide to developing PowerBuilder applications. Written by a team with extensive experience in software development, this essential resource gives you access to the advanced tips and techniques usually discovered only after accumulating years of programming experience. Programmers, systems developers, and project managers will find this book indispensable in developing powerful object-based database applications with PowerBuilder version 4.
PowerBuilder adalah sebuah enterprise development tool untuk membuat aplikasi database secara visual seperti aplikasi client/server (window base), multi user, dan aplikasi internet (web base) dengan metode Rapid Aplication Development-metodologi pengembangan aplikasi dengan cepat. PowerBuilder memang begitu mudah digunakan. Apabila Anda membuat aplikasi dengan development tool lainnya membutuhkan waktu 3 bulan maka dengan PowerBuilder Anda bisa menyelesaikannya dalam tempo 1 bulan atau bisa kurang. Aplikasi client/server yang Anda buat dapat langsung di-deploy menjadi aplikasi web base yang dapat dijalankan secara online di browser. Walaupun PowerBuilder sudah mudah digunakan dan cepat membuat aplikasi, pada buku ini penulis memberikan tip membuat aplikasi secara super cepat, mudah, dan nyaris tanpa skrip. Saking super cepatnya, aplikasi yang dibahas dalam buku ini bisa diselesaikan dalam tempo kurang dari 15 menit. Pembahasan dalam buku ini mencakup: 1. Konsep dasar PowerBuilder, instalasi, objek (aplikasi, window utama, menu utama), dan perintah-perintah dasar PowerBuilder. 2. Membuat workspace, target; membuat, menambah, menggabungkan, serta mengurangi file pbl; membuat, memindahkan, dan menghapus objek. 3. Menggunakan skrip dalam penyusunan program aplikasi. 4. Painter PowerScript untuk menulis skrip. 5. Membuat menu utama, shet, dan laporan. 6. Membuat window utama (MDI dan Dockable Windows), login, sheet, dan laporan; event dan animasi. 7. Membuat database, user, tabel, penanganan error, trigger, function, stored procedure, membuat user, backup, dan restore database. 8. Membuat dan menggunakan DataWindow untuk entri data (master dan transaksi), dropdown, pemanggil dan laporan, serta warna gradient. 9. Membuat aplikasi secara super cepat, mudah, dan nyaris tanpa skrip. 10. Pendistribusian aplikasi mulai dari persiapan, pembuatan file EXE, file runtime, instalasi database, dan aplikasi pada komputer user.
Sejak tahun 1991, PowerBuilder telah menjadi salah satu tools pengembangan aplikasi tercepat dan termudah untuk digunakan di dunia. PowerBuilder 2017 menggunakan teknologi cross-platform, hanya dengan membuat aplikasi windows maka dapat di-deploy menjadi aplikasi iOS dan Android. Aplikasi jadwal pelajaran harus dimiliki oleh berbagai kalangan. Bagi guru sekolah SLTP, SLTA, dan sederajat digunakan untuk membuat jadwal pelajaran. Bagi mahasiswa sebagai materi penulisan ilmiah atau tugas akhir. Khusus bagi dosen informatika dan programmer, aplikasi jadwal pelajaran adalah sebuah tantangan untuk menguji kemampuan logika pemrograman Anda. Walau aplikasi ini kecil yang hanya memuat jadwal pelajaran dalam satu minggu, tetapi mempunyai tingkat kesulitan logika yang sangat tinggi dibandingkan dengan aplikasi yang lain. Aplikasi akuntansi digunakan oleh perusahaan untuk membuat laporan keuangan yang akurat, seperti Buku Besar, Laba/Rugi, Neraca Percobaan, Perubahan Modal dan Neraca. Bagi mahasiswa komputer akuntansi dan informatika, aplikasi ini dapat digunakan sebagai materi tugas akhir. Aplikasi kepegawaian yang lebih dikenal dengan aplikasi Simpeg (Sistem Informasi Kepegawaian) sangat dibutuhkan oleh pejabat/pimpinan pada instansi pemerintah untuk promosi jabatan dan penilaian pegawai. SMS Gateway dapat dimanfaatkan oleh berbagai kalangan sebagai aplikasi notifikasi karena SMS adalah pesan yang langsung sampai ke pemilik seluler jika dibandingkan email, surat, dan media komunikasi lainnya.
PowerBuilder developers can learn all the new features of version 6.0, including the PB Internet Development Kit. The book helps developers take components from their existing PowerBuilder applications and create fully functional Internet compatible applets. The CD-ROM features all the source code and examples from the book and includes an evaluation version of PowerDesigner and PowerBuilder 6.0.
Every major enterprise has a significant installed base of existing software systems that reflect the tangled IT architectures that result from decades of patches and failed replacements. Most of these systems were designed to support business architectures that have changed dramatically. At best, these systems hinder agility and competitiveness and, at worst, can bring critical business functions to a halt. Architecture-Driven Modernization (ADM) restores the value of entrenched systems by capturing and retooling various aspects of existing application environments, allowing old infrastructures to deliver renewed value and align effectively with enterprise strategies and business architectures.

Information Systems Transformation provides a practical guide to organizations seeking ways to understand and leverage existing systems as part of their information management strategies. It includes an introduction to ADM disciplines, tools, and standards as well as a series of scenarios outlining how ADM is applied to various initiatives. Drawing upon lessons learned from real modernization projects, it distills the theory and explains principles, processes, and best practices for every industry. Acts as a one-stop shopping reference and complete guide for implementing various modernization models in myriad industries and departments Every concept is illustrated with real-life examples from various modernization projects, allowing you to immediately apply tested solutions and see results Authored by the Co-chair of the Object Management Group (OMG) Architecture-Driven Modernization (ADM) Task Force, which sets definitive systems modernization standards for the entire IT industry A web site supports the book with up to date coverage of evolving ADM Specifications, Tutorials, and Whitepapers, allowing you to remain up to date on modernization topics as they develop

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For PowerBuilder, PowerJ and PowerSite developers, the DataWindow object offers remarkable power--and most developers have only scratched the surface of what it can do. Part reference, part tutorial, "The Definitive DataWindow" is a systematic guide covering everything from the basics to the most advanced skills and techniques. The CD-ROM contains all example code, including a complete application, plus a natural language application demo from Elf Software.

Covering PowerBuilder (DPB) in great detail, going over various concepts and components that are involved with building an application and making it available over the network, this resource begins with an explanation of the main thrust behind distributed computing, followed by the steps of creating a simple application. An exploration of how PowerBuilder can be used in distributed solutions both with and without using DPB is also provided.

Builders of GUI-based applications need a tutorial that goes beyond merely explaining which buttons to press--far beyond, into really creative design issues and such advanced concepts as inheritance, messaging, and encapsulation. The CD-ROM includes sample code, objects and databases, and an HTML Web page.

Annotation Advanced guide to distributed applications using PowerBuilder 9. This book addresses development Web and Intranet-based systems, including Web Services, Portals, Application-Servers, XML, and Mobile Access. Content provides both specific implementation techniques and architectural patterns for distributed application development. PowerBuilder 9, to be released Q4 2002, introduces many highly-anticipated distributed development features including support for Web Services and Java application servers. Version 9 of PowerBuilder introduces many features designed specifically to blend the traditional strength of PowerBuilder as a rapid Client/Server application development tool with the new emerging models for distributed application development. PowerBuilder developers need PowerBuilder-specific information on interacting with Java application servers, such as WebSphere, WebLogic, and Sybases Enterprise Application Server (EAServer), and Web Service development. This book presents the new capabilities of PowerBuilder 9 along with the architecture and patterns required to create distributed systems in PowerBuilder. William Green and his team of writers are among the most prominent members of the Sybase community, having helped found TeamSybase in 1994. They have written and served on the advisory boards for every major PowerBuilder publication and have authored three books -- PowerBuilder 5 Object-Oriented Design and Development, PowerBuilder Foundation Class (PFC), and Secrets of the PowerBuilder Masters. They respond to several hundred newsgroups and listserv postings daily. They are active consultants implementing PowerBuilder-based solutions and serve on key community advisory panels within Sybase.

A hands-on introduction to all aspects of development with PowerBuilder. The book provides a practical overview of database creation, application/database interfacing and user interface design. Organized and indexed to act as a reference tool as well as a tutorial. All source code from the book is included on the disk.

Here's an invaluable hands-on guide to developing client/server applications on IBM's AS/400 version 3. This comprehensive reference details client/server concepts and techniques for the AS/400 and PCs featuring the latest AS/400 version 3. It features dozens of concrete examples of AS/400 client/server applications for the real world and real code examples with a business application emphasis.

PowerBuilder is a leading database-independent programming tool used by many organizations for developing client/server applications. This book is a solid introduction to the PowerBuilder language and environment, offering advice on a design style and programming practice as well as providing instruction on the product itself.

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