Chapter 2 About The Powerbuilder Tutorial

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.

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

This handbook is ideal for all new and experienced database administrators who need to learn to manage a networked Orcale database system efficiently and effectively. The book opens with database architecture and setting up a database, before covering management and supporting packages. Readers will find a command reference, configuration guidelines, plus scripts and tips to help them set up a database. (Database Management)

A field guide for consultants and developers presents techniques for real-world examples, demonstrating how to fully use the software to create powerful applications while describing menus, debugging, development standards, and more. Original. (Advanced).

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.

GUI Bloopers 2.0, Second Edition, is the completely updated and revised version of GUI Bloopers. It looks at user interface design bloopers from commercial software, Web sites, Web applications, and information appliances, explaining how intelligent, well-intentioned professionals make these mistakes – and how you can avoid them. GUI expert Jeff Johnson presents the reality of interface design in an entertaining, anecdotal, and instructive way while equipping readers with the minimum of theory. This updated version reflects the bloopers that are common today, incorporating many comments and suggestions from first edition readers. It covers bloopers in a wide range of categories including GUI controls, graphic design and layout, text messages, interaction strategies, Web site design – including search, link, and navigation, responsiveness issues, and management decision-making. Organized and formatted so information needed is quickly found, the new edition features call-outs for the examples and informative captions to enhance quick knowledge building. This book is recommended for software engineers, web designers, web application developers, and interaction designers working on all kinds of products. Updated to reflect the bloopers that are common today, incorporating many comments and suggestions from first edition readers Takes a learn-by-example approach that teaches how to avoid common errors Covers bloopers in a wide range of categories: GUI controls, graphic design and layout, text messages, interaction strategies, Web site design -- including search, link, and navigation, responsiveness issues, and management decision-making Organized and formatted so information needed is quickly found, the new edition features call-outs for the examples and informative captions to enhance quick knowledge building Hundreds of illustrations: both the DOs and the DON'Ts for each topic covered, with checklists and additional bloopers on www.gui-bloopers.com
"Better read this book, or your design will be featured in Bloopers II. Seriously, bloopers may be fun in Hollywood outtakes, but no movie director would include them in the final film. So why do we find so many bloopers in shipped software? Follow Jeff Johnson as he leads the blooper patrol deep into enemy territory: he takes no prisoners but reveals all the design stupidities that users have been cursing over the years." -Jakob Nielsen Usability Guru, Nielsen Norman Group "If you are a software developer, read this book, especially if you don't think you need it. Don't worry, it isn't filled with abstract and useless theory--this is a book for doers, code writers, and those in the front trenches. Buy it, read it, and take two sections daily." -Don Norman President, UNext Learning Systems hr align="CENTER" size="1" width="75%" GUI Bloopers looks at user interface design bloopers from commercial software, Web sites, and information appliances, explaining how intelligent, well-intentioned professionals made these dreadful mistakes--and how you can avoid them. While equipping you with all the theory needed to learn from these examples, GUI expert Jeff Johnson also presents the reality of interface design in an entertaining, anecdotal, and instructive way. This is an excellent, well-illustrated resource for anyone whose work touches on usability issues, including software engineers, Web site designers, managers of development processes, QA professionals, and usability professionals. Features Takes a learn-by-example approach that teaches you to avoid common errors by asking the appropriate questions of your own interface designs. Includes two complete war stories, drawn from the author's personal experience, that describe in detail the challenges faced by UI engineers. Covers bloopers in a wide range of categories: GUI components, layout and appearance, text messages, interaction

strategies, Web site design, responsiveness issues, management decision-making, and even more at www.GUI-bloopers.com. Organized and formatted based on the results of its own usability testing--so you can quickly find the information you need, packaged in easily digested pieces.

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)

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.

How do you make a bestselling book on computer careers even better? By adding brand-new data on Year 2000 (Y2K) jobs, plus fully updated information the newest releases of Java, Visual Basic, UNIX, PowerBuilder, Oracle, and other areas of expertise. Here is information on how to impress employers in any computer job search situation.

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.

Now available in two versions rather than three, this introduction to computers book is one that users will engage with -- maintaining the encyclopedic approach in the popular magazine style. It is refreshing, accurate, and easy to learn from-written to today's reader. The Eighth Edition moves the emphasis to connectivity and includes loads of new research to ensure that the statistics in the book are current. This edition emphasizes emerging technologies while de-emphasizing older technologies. The Complete version is chapters 10-14 of the Introductory version (with one Spotlight at the end on Emerging Technologies). Covers Careers and Certification, Programming, Databases and Information Systems, Systems Analysis and Design, and Enterprise Computing. For anyone wanting a basic knowledge of computers to apply to their jobs or lives.

It starts from scratch, prepares the reader for SQL by introducing concepts of data, database management, relational databases and data modeling. Highlights: It describes the newest and official version - Database Language SQL: 1992 - informally known as SQL/92 or SQL 2 ; Numerous solved examples and exercises. ; Quick reference of SQL commands, listed alphabetically with examples; Frequently asked interview questions (FAQs) are also included.

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.

The Shelly Cashman Series presents a completely revised and updated edition to the best-selling Discovering Computers book to make learning about computers interesting and interactive. Discovering Computers 2002: Concepts for a Digital World is fully integrated with the World Wide Web as a means of offering additional content, unmatched currency, learning games, and more. Discovering Computers 2002 is

available in three versions to provide the right depth of coverage for every class. Unparalleled online content, extensive end-of-chapter exercises, and comprehensive instructor's resources give you all the tools you need to present an outstanding concepts course. 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.

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.

An interactive guide to Oracle's intensive query tool, SQL* Plus, discusses its powerful features, furnishes a syntax quick reference, and explains how to write and execute script files, generate reports, extract data from the database, utilize new administrative features, query data dictionary tables, and more. Original. (Intermediate)

Using a step-by-step approach this text explains how to program using PowerBuilder 6. It includes intermediate to advanced level information along with notes and tips aimed at people interested in obtaining the Power Builder Certification (CPD).

Now developers, programmers, and analysts who create PowerBuilder applications can get a complete look at the newest version of PowerBuilder and its enhanced features, including a new compiler. Special sections explain how to use PowerBuilder for object-oriented programming and team development. The disk includes a hypertext version of the book. 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.

This book is aimed at someone who knows little to nothing about the game of Go. Perhaps you've seen glimpses of it in popular media or maybe you have a friend who is a Go enthusiast, and would just like to learn more about how he or she spends their Thursday evenings. This publication will not only take you through the basics of the rules and strategy, but also you can learn a lot about the culture surrounding this game and its 4000 year old history.

PowerBuilder 5.0 is the latest version of Powersoft's best selling client/server development tool. This book concentrates on the core product, but also covers some of the advanced features that are available in the Enterprise version of the software, including C++ class objects and the PFC.

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.

A professional database developer takes readers through the basics of Project X and teaches them how to create databases and use Project X as a single-user database. Kolste covers the more advanced operations, such as creating applications, advanced reporting techniques, and Oracle BASIC, and shows how to use Project X as a front-end for corporate databases that use Oracle 7.

Describes the new features of this version of PowerBuilder, and tells how to create distributed component-based applications, HTML tables and forms, and drag-and-drop interfaces

PowerBuilder 9Internet and Distributed Application DevelopmentSams Publishing

Covers the new Windows 95 versions of Word, Excel, Access and PowerPoint in the context of real business problems

Migrating to the Cloud: Oracle Client/Server Modernization is a reference guide for migrating client/server applications to the Oracle cloud. Organized into 14 chapters, the book offers tips on planning, determining effort and budget, designing the Oracle cloud infrastructure, implementing the migration, and moving the Oracle cloud environment into production.

Aside from Oracle application and database cloud offerings, the book looks at various tools and technologies that can facilitate migration to the cloud. It includes useful code snippets and step-by-step instructions in database migration, along with four case studies that highlight service enablement of DOS-based applications, Sybase to Oracle, PowerBuilder to APEX, and Forms to Java EE. Finally, it considers current challenges and future trends in cloud computing and client/server migration. This book will be useful to IT professionals, such as developers, architects, database administrators, IT project managers, and executives, in developing migration strategies and best practices, as well as finding appropriate solutions. Focuses on Oracle architecture, Middleware and COTS business applications Explains the tools and technologies necessary for your legacy migration Gives useful information about various strategies, migration methodologies and efficient plans for executing migration projects

The book includes the C source code of the methods introduced in each chapter."--BOOK JACKET.

These pages provide the reader with the developer tips and techniques needed to develop an enterprise client-server system using the software, one of the market leaders in client-server development applications. The book is authored and co-authored by PowerBuilder experts.

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.

Clear, quick, effective solutions to the 50 most common resume problems In this solution-oriented guide, bestselling careers author John J. Marcus zeros in on the 50 most common resume writing problems and offers easy-to-perform fixes for each. Among other crucial lessons, readers learn how to identify and deal effectively with job history problems, skill-set deficiencies, poor visual presentation, and formatting problems. A compelling feature that distinguishes The Resume Makeover from all the competition is its unique quick-reference, "Before & After" format. Each chapter focuses on one common problem and offers a proven solution, along with before-and-after documents illustrating how a few simple changes can significantly improve a resume. In addition, readers learn: How to write a resume in half the usual time Strategies for changing careers or reentering the workforce Key words and phrases to include How to write high-impact cover letters The five areas in which all recruiters and employers grade resumes, and how to ace each one 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.

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
Updated to contain information on the newest features of PowerBuilder Version 5.0, this guide offers complete information on programming, the development process for PowerBuilder applications, and more. Also including information on advanced topics such as object creation, class creation, and more, the book is accompanied by a disk containing source code for all examples.
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.
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.
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.

Offering a hands-on introduction to all aspects of development with PowerBuilder, this book provides a practical overview of database creation, application/database interfacing and user interface design. The general approach is to offer likely problems and then work through the solutions step-by-step. The CD includess an online help application.

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