

Installation Guide Powerbuilder 12

A union list of serials commencing publication after Dec. 31, 1949.

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.

The AIMMS 3.7 User's Guide provides a global overview of how to use the AIMMS system. It is aimed at application builders, and explores AIMMS' capabilities in helping you create a model-based application in an easy and maintainable manner. The guide describes the various graphical tools that the AIMMS system offers for this task.

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.

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.

This engaging and non-technical guide to clinical trials covers issues study design, organization, management, analysis, recruitment, reporting, software, and monitoring. Free from the jargon-laden treatment of other books, A Manager's Guide to the Design and Conduct Clinical Trials is built upon the formula of first planning, then implementing, and finally performing essential checks. Offers an executive level presentation of managerial guidelines as well as handy checklists accompanied by extracts from submitted protocols Includes checklists, examples, and tips, as well as a useful appendix on available software Covers e-submissions and use of computers for direct data acquisition Incorporates humorous yet instructive and true anecdotes to illustrate common pitfalls

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Develop and manage chemical information systems This text provides a comprehensive overview of analyzing chemical problems using

computer-aided methods for both newcomers and advanced computer scientists and chemists. In addition to practical how-to information and step-by-step descriptions, this resource includes case studies from Merck & Co., Inc., to further aid your understanding. This guide covers a wide range of cheminformatics topics, including: * Software development principles * Object-oriented approach * Building and buying * Agile and Iterative Development Process * UML Modeling * Deployment and Software Architecture * Presentation, Business, and Data Persistence Layer * Producing an entity dictionary * Chemistry Intelligence API * Plug and play--integrating with third-party tools Written by a former lead architect on the design of said systems at Merck & Co., Inc., this text not only lays out information, but also shares the author's experiences and advice on cheminformatics.

bull; Written by expert practitioners who have hands-on experience solving real-world problems for large corporations bull; Helps enterprise architects make sense of data, systems, software, services, product lines, methodologies, and much more bull; Provides explanation of theory and implementation with real-world business examples to support key points

Network World

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.

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.

This fully updated Second Edition of The Computer and Network Professional's Certification Guide provides the lowdown on the professional certifications that can help advance your career in computing and networking.

For more than 25 years, this guide has been the trusted source of information on thousands of educational courses offered by business, labor unions, schools, training suppliers, professional and voluntary associations, and government agencies. These courses provide academic credit to students for learning acquired at such organizations as AT&T, Citigroup, Delta Air Lines, General Motors University, NETg, and Walt Disney World Resort. Each entry in the comprehensive ^INational Guide^R provides: ^L ^L ^DBL Course title^L ^DBL Location of all sites where the course is offered^L ^DBL Length in hours, days, or weeks^L ^DBL Period during which the credit recommendation applies^L ^DBL Purpose for which the course was designed^L ^DBL Learning outcomes^L ^DBL Teaching methods, materials, equipment, and major subject areas covered^L ^DBL College credit recommendations offered in four categories (by level of degrees) and expressed in semester hours and subject area(s) in which credit is applicable.^L ^L The introductory section includes ACE Transcript Service information.

Here is all the practical, hands-on information you need to build, manage and maintain a heterogeneous computing environment with hardware, software, and network equipment from a number of different vendors. Packed with real-world case studies and proven techniques for integrating disparate platforms, operating systems and servers, Handbook of

Heterogeneous Computing is a one-stop, non-nonsense guide that shows you how to: * port and develop applications in a heterogeneous environment * manage desktops, data access, communications, and security in a heterogeneous environment * and build distributed heterogeneous systems What is best for your installation? Should you standardize on the Windows environment for both production applications and office applications? Should you adopt the Windows NT workstation as a standard desktop and use Windows NT as the network operating system? Handbook of Heterogeneous Computing details the advantages and disadvantages of these and other approaches. The book also explains: * the arts of porting and developing applications in a heterogeneous environment using Java, CGI/Perl, and other tools * how to build interfaces with mainframe legacy systems * how to use CORBA to integrate distributed database systems while at the same time managing database gateways and interoperability * how to manage interlan switching, multicast networking structures, SNA-LAN integration, and all aspects of enterprise networks * and how to use Kerberos, firewalls, PGP, RSA public keys, and other tools to assure security in heterogeneous environments. Heterogeneous computing is here to stay. It is therefore up to corporate end-users to make competing products fit into their environments efficiently, effectively and economically. Handbook of Heterogeneous Computing gives you t

This hands-on, step-by-step guide provide the detailed information necessary to run your Oracle database smoothly and efficiently. Practical, step-by-step examples teach you the entire Oracle environment - from installation to daily administration and maintenance. Additional chapters give you tips for tuning, optimizing, and hassle-free on-the-fly problem solving. Oracle DBA Survival Guide is the only book you will ever need to efficiently administer your database! This comprehensive guide provides expert preparation for Microsoft's MCSE Exam #70-087, Implementing and Supporting Microsoft Internet Information Server 4.0. Thorough, step-by-step coverage of the exam objectives is augmented by dozens of hands-on projects to facilitate valuable practice and simulate real-life scenarios experienced by network administrators.

Update to Wrox's leading C# book for beginners Get ready for the next release of Microsoft's C# programming language with this essential Wrox beginner's guide. Beginning Microsoft Visual C# 2010 starts with the basics and brings you thoroughly up to speed. You'll first cover the fundamentals such as variables, flow control, and object-oriented programming and gradually build your skills for Web and Windows programming, Windows forms, and data access. Step-by-step directions walk you through processes and invite you to "Try it Out," at every stage. By the end, you'll be able to write useful programming code following the steps you've learned in this thorough, practical book. The C# 4 programming language version will be synonymous with writing code with in C# 2010 in Visual Studio 2010, and you can use it to write Windows applications, Web apps with ASP.NET, and Windows Mobile and Embedded CE apps Provides step-by-step

instructions for mastering topics such as variables, flow controls, and object-oriented programming before moving to Web and Windows programming and data access Addresses expressions, functions, debugging, error handling, classes, collections, comparisons, conversions, and more If you've always wanted to master Visual C# programming, this book is the perfect one-stop resource. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Reed's guide includes detailed coverage of architecting VB enterprise applications and features working examples and step-by-step instructions for planning and development of an order entry system, detailing do's and don'ts for analysis, design and construction. CD-ROM contains several templates for applying UML, as well as complete Rational Rose models for the sample applications.

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

Rely on this robust and thorough guide to build and maintain successful test automation. As the software industry shifts from traditional waterfall paradigms into more agile ones, test automation becomes a highly important tool that allows your development teams to deliver software at an ever-increasing pace without compromising quality. Even though it may seem trivial to automate the repetitive tester's work, using test automation efficiently and properly is not trivial. Many test automation endeavors end up in the "graveyard" of software projects. There are many things that affect the value of test automation, and also its costs. This book aims to cover all of these aspects in great detail so you can make decisions to create the best test automation solution that will not only help your test automation project to succeed, but also allow the entire software project to thrive. One of the most important details that affects the success of the test automation is how easy it is to maintain the automated tests. Complete Guide to Test Automation provides a detailed hands-on guide for writing highly maintainable test code. What You'll Learn Know the real value to be expected from test automation Discover the key traits that will make your test automation project succeed Be aware of the different considerations to take into account when planning automated tests vs. manual tests Determine who should implement the tests and the implications of this decision Architect the test project and fit it to the architecture of the tested application Design and implement highly reliable automated tests Begin gaining value from test automation earlier Integrate test automation into the business processes of the development team Leverage test automation to improve your organization's performance and quality, even without formal authority Understand how different types of automated tests will fit into your testing strategy, including unit testing, load and performance testing, visual testing, and more Who This Book Is For Those involved with software development such as test automation leads, QA managers, test automation developers, and development managers. Some parts of the book assume hands-on experience in

writing code in an object-oriented language (mainly C# or Java), although most of the content is also relevant for nonprogrammers. The reader will come away from this book with a solid understanding of the capabilities of PowerBuilder, the development techniques that are used to develop Powerbuilder applications, and the way to make effective use of PowerBuilder as an Application Generator.

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.

Since 1994 when he wrote his first "Hitchhiker's Guide", William Vaughn has been providing developers all over the world the intimate details of how SQL Server can be accessed and managed from RAD languages like Visual Basic and Visual Basic .NET. With the 7th Edition, Bill has completely rewritten this encyclopedic work from cover to cover—giving readers his insightful views on how applications should be built to maximize both developer and code performance. Visual Studio and the languages it hosts have never been as sophisticated as they are today—the same can be said for SQL Server. This makes it even more important for developers to understand how to best leverage their features without being held back by their complexity. That's what this book is all about—making it easier for developers regardless of their know-how. The 7th edition is unique in that it's designed to provide not only up-to-date tutorials on the latest development tools provided by Visual Studio and SQL Server, but also a solid platform of architectural advice and rich examples for developers trying to choose between the myriad of platform options. Beginners and experts alike will find comprehensive step-by-step instructions that can make the reader's introduction to the latest versions of Visual Studio and SQL Server far easier. Key topic coverage includes:

- Data access architectures and how to choose the best strategy for Windows Forms, ASP.NET, XML Web Services, and SQL Server CLR executables. Where do these make sense and how much will they cost to build and maintain?
- SQL Server and relational database fundamentals and inner-machinery. How does SQL Server work and why is it important that developers know?
- Making the development experience more productive through judicious use of the Visual Studio toolset, and how to know when the wizards can help.
- Using the latest ADO.NET data provider efficiently and safely.
- How to protect the security of your database—and your job—by avoiding common mistakes.
- How to build secure, efficient, scalable applications in less time with fewer resources—how to create faster code faster.
- How to leverage the potential of SQL Server CLR executables and knowing when these features make sense.
- How to work with your DBA to maintain database integrity and security.
- Working with the new Visual Studio report controls to expose your organization's data safely and easily with or without leveraging existing SQL Server Reporting Services technology.

William R. Vaughn is the President of Beta V Corporation and a Microsoft MVP. In 2000 he retired from Microsoft after 14 years to focus on mentoring, speaking, and writing. His specialty is data access application design especially when connecting to SQL Server—over the years he's written 12 books on the subject. He's a popular speaker at technical conferences all over the world where his wit and no-holds-barred technical insights win him rave reviews. William is also a member of the prestigious INETA Speaker's Bureau. His works include articles for SQL Server Magazine and a bi-weekly editorial for Processor Magazine as well as books published by Microsoft Press and Apress. The book includes a DVD that contains a wealth of examples as well as several sample databases

used to illustrate points discussed in the book. Authenticated readers will also have unrestricted access to the book's supporting web site, www.hitchhikerguides.net, where additional examples, online forums, and other supplementary materials are available.

www.awprofessional.com/msserverseries www.hitchhikerguides.net www.betav.com/blogs/billva www.betav.com

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.

Design, develop, and master efficient Power BI solutions for impactful business insights Key Features Get to grips with the fundamentals of Microsoft Power BI Combine data from multiple sources, create visuals, and publish reports across platforms Understand Power BI concepts with real-world use cases Book Description Microsoft Power BI Complete Reference Guide gets you started with business intelligence by showing you how to install the Power BI toolset, design effective data models, and build basic dashboards and visualizations that make your data come to life. In this Learning Path, you will learn to create powerful interactive reports by visualizing your data and learn visualization styles, tips and tricks to bring your data to life. You will be able to administer your organization's Power BI environment to create and share dashboards. You will also be able to streamline deployment by implementing security and regular data refreshes. Next, you will delve deeper into the nuances of Power BI and handling projects. You will get acquainted with planning a Power BI project, development, and distribution of content, and deployment. You will learn to connect and extract data from various sources to create robust datasets, reports, and dashboards. Additionally, you will learn how to format reports and apply custom visuals, animation and analytics to further refine your data. By the end of this Learning Path, you will learn to implement the various Power BI tools such as on-premises gateway together along with staging and securely distributing content via apps. This Learning Path includes content from the following Packt products: Microsoft Power BI Quick Start Guide by Devin Knight et al. Mastering Microsoft Power BI by Brett Powell What you will learn Connect to data sources using both import and DirectQuery options Leverage built-in and custom visuals to design effective reports Administer a Power BI cloud tenant for your organization Deploy your Power BI Desktop files into the Power BI Report Server Build efficient data retrieval and transformation processes Who this book is for Microsoft Power BI Complete Reference Guide is for those who want to learn and use the Power BI features to extract maximum information and make intelligent decisions that boost their business. If you have a basic understanding of BI concepts and want to learn how to apply them using Microsoft Power BI, then Learning Path is for you. It consists of real-world examples on Power BI and goes deep into the technical issues, covers additional protocols, and much more.

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.

The definitive, comprehensive guide to Zend Studio for Eclipse gives millions of PHP/LAMP developers world-class tools for building state-of-the-art web applications. Now, here's a definitive guide to making the most of this breakthrough development environment. Zend Certified Engineer Peter MacIntyre and expert PHP developer Ian Morse show how to use Zend Studio for Eclipse to improve productivity, effectiveness, and code quality throughout your entire project lifecycle. You'll start with a product tour that introduces the core techniques and terminology you'll use in all your projects—including views, perspectives, outlines, and much more. You'll discover how to quickly use preferences to customize Zend Studio for Eclipse to your unique needs. Next, MacIntyre and Morse offer detailed, practical insights into every key aspect of working with Zend Studio: the code editor, PHP perspective views, Code Gallery, Code Analyzer, refactoring, SQL integration, unit testing with PHPUnit, debugging, version control, WYSIWYG design, and much more. You'll learn how to use the powerful integrated tools Zend provides, as well as those offered by the thriving worldwide Eclipse ecosystem. This book is an indispensable resource for every developer who wants to master Zend Studio for Eclipse: programmers already familiar with PHP and LAMP and users of other Eclipse-based IDEs who want to leverage their skills to create powerful PHP-based web applications.

For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

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