

SYBASE®

SYBASE® POWERBUILDER® 10

THE
ENTERPRISE.
UNWIRED.



SYBASE® POWERBUILDER® 10 WHERE TRADITION MEETS NEXT-GEN

PowerBuilder surpasses its own rich history of RAD productivity with this release. It empowers developers to cut through all the hype and make the most out of the latest technology trends and get their job done. It makes building applications that solve business needs easier, faster. Whether your business requires delivering 2-tier, Web, or distributed applications, PowerBuilder will help you achieve your goals quickly, deploying wherever your applications need to run. We've extended the reach as well as the lifespan of your PowerBuilder investment.

XML WEB DATAWINDOW®

PowerBuilder's patented DataWindow technology has been fine tuned for the Web. The XML Web DataWindow generates content, layout, and style separately via the standard W3C technologies XML, XSLT, and CSS. XHTML is rendered on the browser-side, providing performance benefits for both end users and businesses. Because stylesheets are only downloaded once and cached, downloading of DataWindow pages is faster. This makes users happy, and the savings in bandwidth



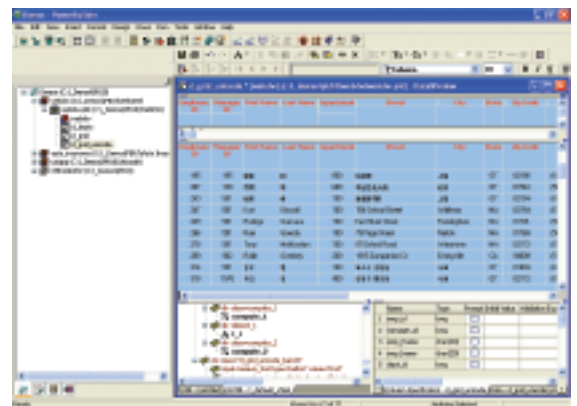
Declarative programming simplifies using the XML Web DataWindow

helps your enterprise. Other business benefits include improved efficiency, scalability, extensibility, and accessibility.

Developers have greater control over how a DataWindow's objects, properties, and styles are displayed, and how its events are handled. This is particularly beneficial for portal applications. New DataWindow XHTML Templates are also introduced, allowing RAD customization of the generated stylesheets in the DataWindow Painter.

UNICODE

The world is a smaller place, and businesses operate with a global focus. Often, business needs require that applications are deployed around the world. Unicode support in PowerBuilder 10 means that data from different character sets, including a variety of multiple byte character sets, can be displayed within the same row in a DataWindow, and within the same Window as well. Retrieving and presenting data to users around the world is now easy to do, making your job easier, too. Write once and deliver anywhere.



Unicode support enables multiple languages to be displayed in one row of data.

THE TRADITION CONTINUES.

POWERDESIGNER® INTEGRATION

A PowerDesigner plug-in for the PowerBuilder IDE delivers RAD Object Modeling. Developers can model, generate code, reverse engineer and modify code in an iterative fashion. This powerful new feature means that developers can more easily modify and extend applications as needed, and can even quickly refactor for new architectures as well. With the PowerDesigner plug-in, developers are able to reverse engineer applications and generate class diagrams for a clear overview of an application's architecture. And, with point and click ease, new classes can be modeled and their code automatically generated. Navigating through class diagrams, developers can open PowerBuilder painters by double clicking specific objects. As applications become more complex, and component based, these capabilities provide developers with the tools to understand the structure and code of an application, and enables them to enhance an application easily.

WEB SERVICES

Now you can build and deploy web services without ever leaving the PowerBuilder IDE. Tighter integration with EAServer means that your job is easier. JSP targets use the Apache Software Foundation's Axis software for SOAP processing, with support for user-defined complex datatypes and document type WSDL files.

MICROSOFT .NET SUPPORT

PowerBuilder extends support for the .NET platform. DataWindow .NET is a new product being sold separately. It is also included with the 10.0 release of PowerBuilder Enterprise as a special offer for PowerBuilder customers. This new product enables you to work inside of a .NET development environment and utilize the patented technology of the DataWindow. For the first time, developers can experience true RAD data access and data presentation outside of PowerBuilder and inject a performance boost into .NET projects. Use your edition of DataWindow .NET to demonstrate the power of this patented technology within your enterprise, and spread the word about the latest product in the PowerBuilder family of tools.

UDDI

Wizards guide developers through UDDI browsing to locate and consume Web services in traditional PowerBuilder applications as well as JSP pages. And, UDDI search capability can easily be built into applications PowerBuilder developers build using the UDDI PBNI extension.

ADO.NET

The ADO.NET database interface enables PowerBuilder applications to use ADO.net just like they use OLE DB or ODBC to connect to various databases, and perform database and table operations.

ACCESSIBILITY

PowerBuilder 10 now supports the Microsoft Active Accessibility API. This means many new properties have been added to graphic controls in the DataWindow object, and other properties from this API expose themselves via existing PowerBuilder properties. This enables developers to build applications that are in compliance with the federal government requirements, known as Section 508.

HIGHLIGHTS

Integration

- New UDDI support enhances Web Services functionality for tighter integration with J2EE™ and .NET™
- Seamless support for the .NET Framework with the introduction of DataWindow .NET

Productivity

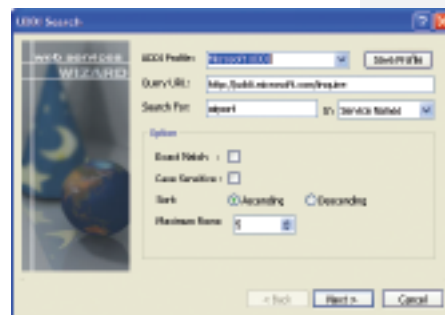
- Unicode support is powerful and time-saving, enabling one application to support all character sets, and all end users world-wide
- RAD 4GL is still the hands-down way to bring applications to market quickly for client-server, Web, and n-tier development

Multiple Deployment Options

- Improved web support with the XML Web Datawindow through better performance with client side caching and use of Cascading Style Sheets, XSLT, and XML
- Native support for iAnywhere's Mobilink technology simplifies building applications for mobile users
- Partner product support facilitates NVO deployment into J2EE servers

Life-cycle Management

- PowerDesigner plug-in makes Object Modeling and refactoring classes a point-and-click breeze



UDDI – Wizard driven for ease of use

THE NEXT GENERATION OF APPLICATION DEVELOPMENT

The next generation of PowerBuilder begins here. Version 10.0 takes rapid application development (RAD) to a new level with Unicode support, a fundamental infrastructure feature that sets the stage for the future. The industry's best data access component, the DataWindow, so powerful that it's patented, is now delivering high octane performance on the web. In the long tradition of its commitment to openness, PowerBuilder 10.0 provides the ability to build applications for heterogeneous deployment architectures such as the Microsoft.NET framework and J2EE. Through partner product usage, PowerBuilder components can now be deployed directly to J2EE servers, letting you showcase PowerBuilder, your talents, and your ability to deliver, today. Go head to head with the Java team and you'll always come out on top with PowerBuilder.

TOOL	PERSONAL COMPUTER	MINIMUM MEMORY	MINIMUM HARD DISK SPACE	OPERATING SYSTEM
PowerBuilder	600 MHz Pentium III class processor	128MB	210MB (Typical) 293MB (Custom/Full) 150MB (Compact)	Windows 2000 with SP 4 or Windows XP Professional with SP 1
InfoMaker®	400 MHz or higher Pentium-compatible	64MB	110MB (Typical) 172MB (Full) 47MB (Compact)*	Windows 2000 with SP 4 or Windows XP Professional with SP 1
Adaptive Server® Anywhere (ASA)	400 MHz or higher Pentium-compatible	48MB in addition to memory required by the operating system	41MB for ASA, 63MB for documentation	Windows 95, Windows 98, Windows Me, Windows NT with Service Pack 5 or later, Windows 2000, Windows XP, or Windows Server 2003
EAServer	90 MHz Pentium or higher	512MB	518MB (Typical) 588MB (Full) 284MB (Client Runtime only)	Windows 2000 with SP 3, Windows XP Professional with SP 1, or Windows Server 2003 Standard Edition

**Less disk space is required if PowerBuilder is installed on the same computer (approximately 40MB less for Compact and 100MB less for Typical or Full).*

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