

S P E N D L E S S T I M E A T T H E O F F I C E



**PowerBuilder**  
Accelerate Your Development



# PowerBuilder Family Product Overview and Roadmap

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**March 2008**

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## Agenda

- Developer focus at Sybase
- PowerBuilder roadmap
- PowerBuilder 11 feature overview
- Companion products
- Future Directions

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## Sybase Developer Goals and Initiatives

- Focus on .NET and Eclipse platforms
- Expand support for Sybase platform
- Provide key technology differentiators
  - Model driven, metadata-centric development
  - DataWindow technology
  - Open platform support
  - Simplified development for .NET and J2EE
- Leverage DataWindow technology as cornerstone of Sybase offerings

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## PowerBuilder Product Family

- **PowerBuilder**  
*Smartest business decision for building Win32 and .NET enterprise applications*
- **PocketBuilder**  
*Extend PB applications to Windows Mobile devices or build new database driven, enterprise applications, in about an hour*
- **InfoMaker**  
*Dynamic reporting simplified, easy to OEM*
- **DataWindow .NET**  
*Rich data access for .NET developers*
- **Application Server Plug-in**  
*Quick and easy deployment of PowerBuilder business logic as EJBs*
- **Appeon**  
*Fastest way to deploy a PowerBuilder application to the web*

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## PowerBuilder Market Focus: Extend, Expand

- PowerBuilder
  - Focus on needs of existing base first
  - Provide core technology to simplify development on .NET
  - Provide key unique technology to differentiate ourselves on .NET platform
  - Stay true to open platform, RAD, client/server roots
- PocketBuilder – *Recipient of multiple industry awards!*
  - PowerBuilder – extend value of skill set for existing PowerBuilder developers
  - Focus on developers in Mobile Market at large



- DataWindow .NET
  - Reach new market of 5M .NET developers
  - Strong presence at and feedback from MS user groups
- Application Server Plug-in
  - Extend reach of PB developers into J2EE environments
  - Supports WebLogic, WebSphere, JBoss



## PowerBuilder Roadmap

- Version 11 released in June 2007, 11.1 November 2007
- 11.2 Maintenance Release available end March 2008
- Delivers on third-phase of PowerBuilder's .NET initiative





## 2008 PowerBuilder 11.2

- AJAX support for Web Forms Applications
- EAServer .NET Client Support
- Miscellaneous fixes

## 2008 PowerBuilder 11.5

- Core .NET enhancements
- Native DataWindow updates
- Updated database support
- Miscellaneous fixes

## 2009 PowerBuilder 12

- .NET in IDE
- WPF/WCF support at design and run-time
- Fully managed code at deployment
- Complete .NET interoperability



Language  
Independence



Application  
Connectivity



Multiple  
Platform  
Support



Power  
And  
Performance

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## PowerBuilder 11.0

Key themes:

1. NET Deployment
2. Open Platform Development
3. Client/Server Productivity

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## PowerBuilder 11 Feature Overview

- IDE enhancements
- User interface enhancements
- Database connectivity updates
- Web Service DataWindow source
- .NET deployment
  - .NET Web Forms applications
  - .NET Windows Forms and Smart Client applications
  - .NET Web Services
  - .NET Assemblies

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## PowerBuilder 11.0 .NET

- ASP.NET2 Application Deployment
- Winform Application Deployment
- SmartClient Applications
- .NET interop (access of .NET classes from PowerBuilder Winform and Webform applications)
- Enhanced project painters, new project types
- Delivers phase 3 of 4-phase plan to support .NET

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## Open Platform & Client Server Productivity

Feature	Open Platform	Core Client/Server Functionality
Updated RDBMS Support ASE 15, Informix, MSS SNC, Oracle RAC	✓	✓
Web Services DataWindow	✓	✓
UI Enhancements in IDE		✓
Functions and Events in System tree		✓
Vista (v11.1)	✓	
PowerBuilder Application Server Plug-in	✓	

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## .NET Assemblies

ISUG Techcast archives  
(presented Nov. 13, 2007)

Jim O'Neil  
Systems Consultant

## PowerBuilder 11 Overview

Nov. 20, 2008

Jim O'Neil  
Systems Consultant

## .NET Windows Forms And Interoperability

Dec. 4, 2007

Jim O'Neil  
Systems Consultant

**NOW Online!**

## Web Service DataWindow

Feb. 5, 2008

David Avera  
Staff Software Engineer



## **PowerBuilder 11 .NET Deployment Web Casts**

## .NET Web Services

Jan. 29, 2008

David Fish  
Engineering Evangelist

## .NET Smart Client

Jan. 15, 2008

John Strano  
Technology Evangelist

## .NET Web Forms

Dec. 11, 2007

David Fish  
Engineering Evangelist



## DataWindow Enhancements

- Web Services supported as a data source
- Treeview DataWindow Enhancements
- Retain Retrieval Argument Values in the DataWindow Painter
- Use Ellipses



## “DataWindows Everywhere...”

Goal: Leverage patented DataWindow technology to differentiate Sybase products

### PowerBuilder

- Client/Server
- Apeon for PowerBuilder
- Web DataWindow Applications
- Web Services
- NVOs as .NET Web Services
- NVOs as .NET Assemblies
- .NET WinForm and WebForm Deployment

- PowerBuilder Application Server Plug-In
  - NVOs in WebLogic, WebSphere, JBoss
- DataWindow .NET
- PocketBuilder
- Workspace
  - JSF Web DataWindow
  - Java DataStore



## Key Tools Messaging for Developers

- We are committed to PowerBuilder
  - PB 10.5 and 11.5 both pro-active, unplanned major releases
  - Beginning work on phase 4 of .NET roadmap as first outlined in 2002
- We are committed to fully supporting, embracing, and simplifying .NET
  - PB 11 deploys .NET apps to web, SmartClient support, WinForm support
  - Easiest path to leveraging WPF functionality
  - DataWindow .NET, PocketBuilder .NET
- We are focused on developers
  - Open platform support
  - Application Server Plug-in – extend PowerBuilder developers' reach into J2EE environments
  - Support for emerging technologies
- We are taking the best of PowerBuilder re-using it to differentiate
  - DW.NET, DW in WorkSpace, PocketBuilder



## DataWindow .NET Roadmap

### Codeless Data Access

2007  
v2.5

2008  
v3.0

2009  
V4.0

#### Simplified Data Access    Integrated Development    Tighter .NET integration

Tree View  
DataWindow for Web  
• Web Services as  
DataSource  
• Plug-in for Visual  
Studio .NET

- 11.5 enhancements
- VS .NET 2008

- Managed code
- Support for business objects
- WPF controls in design time, runtime

Subject to change

.NET  
Language  
Independence

Application  
Connectivity

Simplified  
Data  
Access

Power  
And  
Performance



## PocketBuilder Roadmap

### Mobilizing Enterprise Data

2008  
v2.5

2008  
v3.0

2009  
v4.0

#### Easy Mobility

- Ultra Lite 10 support
- Vista support
- Additional support for SQL Anywhere 10 and MobiLink 10

#### Core Functionality

- Theme: Messaging
- PowerBuilder 11.0 DataWindow and IDE enhancements
- email directly sent from application

#### .NET and Enterprise Messaging

- Managed, secure code
- Support for .NET CF

Subject to change

Off-line  
Availability

Application  
Connectivity

Real-time  
Data  
Delivery

Power  
And  
Performance



## So what's next?

- Stick to core value proposition
  - 3 key themes per release:
    - Open Platform/Support for Standards
    - Core functionality and ease of use
    - New technology trends – Release defining theme
- Evolve
  - Web 2.0 Technology
    - Visually exciting and rich applications
    - Social networking in the enterprise
      - Blend commercial sites with personal / professional communities
      - Overriding theme – Data portability
  - SOA and Component Based Development
    - Extensibility
    - Application Factories - repositories of truly re-usable software assets that can be leveraged across an organization

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## Summary

- Sybase is focused on the Developer
- PowerBuilder is the most versatile tool for the PowerBuilder community for both .NET and J2EE and pure Client/Server
- PowerBuilder is the smart business decision for the bottom line
  - ✓ Reduces risk
  - ✓ Leverages investment in code and skill
  - ✓ Extends into the future
- New products based on PowerBuilder technology demonstrates our belief in and commitment to PowerBuilder itself

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