

::ISUG

Appeon® for PowerBuilder®

techcast
series

Using Appeon to Get to the Web Fast

This live, interactive seminar will begin shortly

For audio, please dial:

Toll Free within the U.S. & Canada: 1-888-459-9364

International: 1-210-234-6662

Passcode: ISUG



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Apppeon[®] for PowerBuilder[®]

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Moderator:



Terry Voth,
TeamSybase Liaison Director
International Sybase User Group

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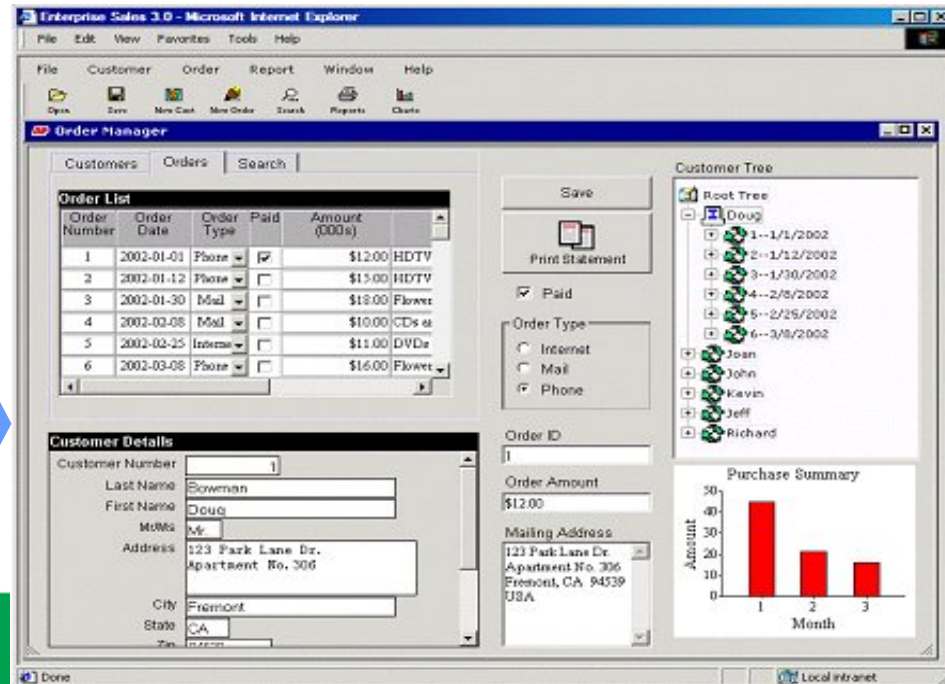
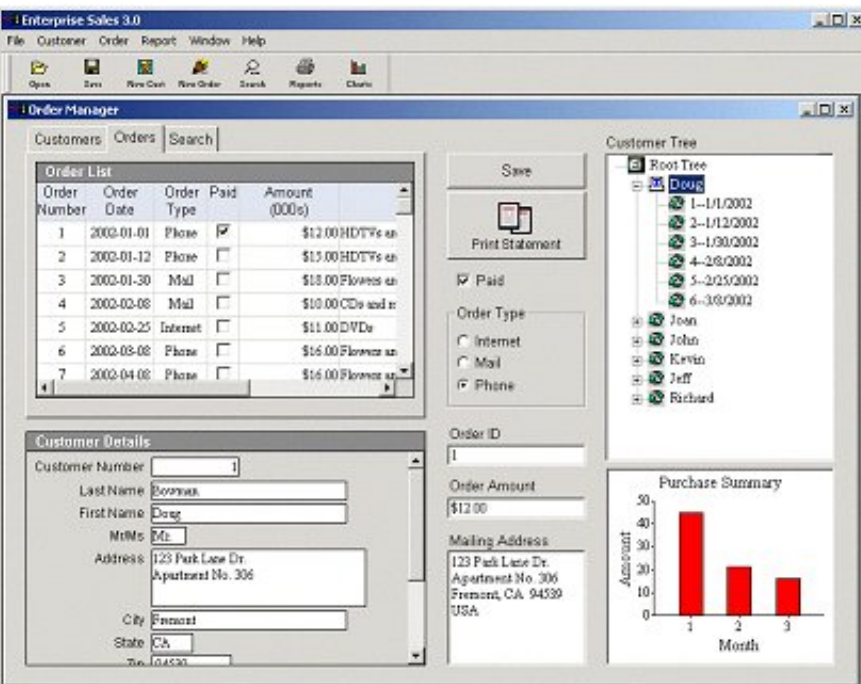
Presenter



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Appeon® for PowerBuilder®

- Transforms entire Client/Server PowerBuilder applications into N-Tier Web applications, automatically – new or existing PB apps
- Offers same Rich-Client GUI in Thin-Client for Standard IE Browser
- Enables developers to begin building NEW Web applications overnight (using only 4GL/RAD PowerBuilder) and with unparalleled productivity



Rich-Client GUI in Thin-Client Web-Faster Development Over J2EE/.NET

Enterprise Sales 3.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

File Customer Order Report Window Help

Open Save New Cast New Order Search Reports Charts

Order Manager

Customers Orders Search

Order List

Order Number	Order Date	Order Type	Paid	Amount (000s)	
1	2002-01-01	Phone	<input checked="" type="checkbox"/>	\$12.00	HDTV
2	2002-01-12	Phone	<input type="checkbox"/>	\$15.00	HDTV
3	2002-01-30	Mail	<input type="checkbox"/>	\$18.00	Flower
4	2002-02-08	Mail	<input type="checkbox"/>	\$10.00	CDs ar
5	2002-02-25	Interne	<input type="checkbox"/>	\$11.00	DVDs
6	2002-03-08	Phone	<input type="checkbox"/>	\$16.00	Flower

Customer Details

Customer Number:

Last Name:

First Name:

Mr/Ms:

Address:

City:

State:

Zip:

Order Manager

Save

Print Statement

Paid

Order Type

Internet

Mail

Phone

Order ID:

Order Amount:

Mailing Address:

Customer Tree

- Root Tree
 - Doug
 - 1--1/1/2002
 - 2--1/12/2002
 - 3--1/30/2002
 - 4--2/8/2002
 - 5--2/25/2002
 - 6--3/8/2002
 - Joan
 - John
 - Kevin
 - Jeff
 - Richard

Purchase Summary

Amount

Month

Month	Amount
1	45
2	22
3	16

Done Local intranet

Rich-Client GUI in Thin-Client Browser with Fastest 4GL/RAD Dev IDE

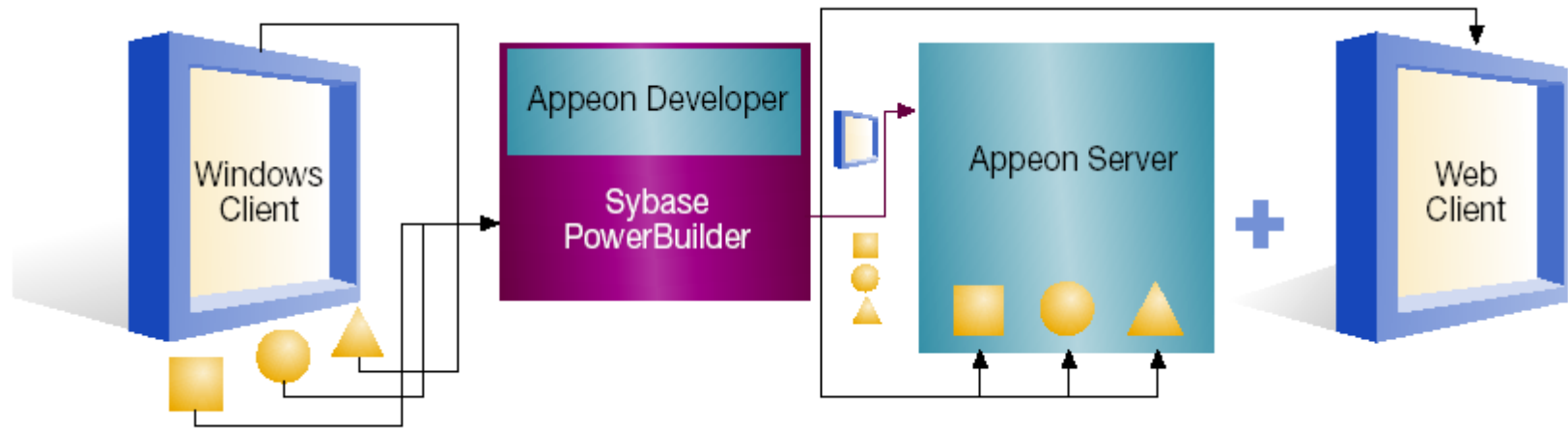
- Demo Appeon end user web applications and the power of the Rich-Client, Event-Driven GUI Architecture in a Thin-Client Web Browser
- Public can play with Appeon end-user web applications at <http://www.trysybase.com>

Future-proof your investments with Sybase Appeon for PowerBuilder

- Deploy one application to all platforms/devices instead of having the expense and risk of 3 projects – Web, Mobile, and Client/Server development
- Incomparable Rich Client GUI that promotes end user productivity
- Unbeatable PowerBuilder Productivity 4GL & fewer lines of code
- Powered by an infrastructure that will integrate and work with industry standards and leading platforms, including .NET, J2EE & Web Services

Don't end up like the Visual Basic community or the Java Swing community!

Build Apps & Sell Worldwide – Faster Development than J2EE/.NET



Step 1 – Develop

- Fastest creation of web app via new PowerBuilder Client/Server Windows and DataWindows using Appeon supported features

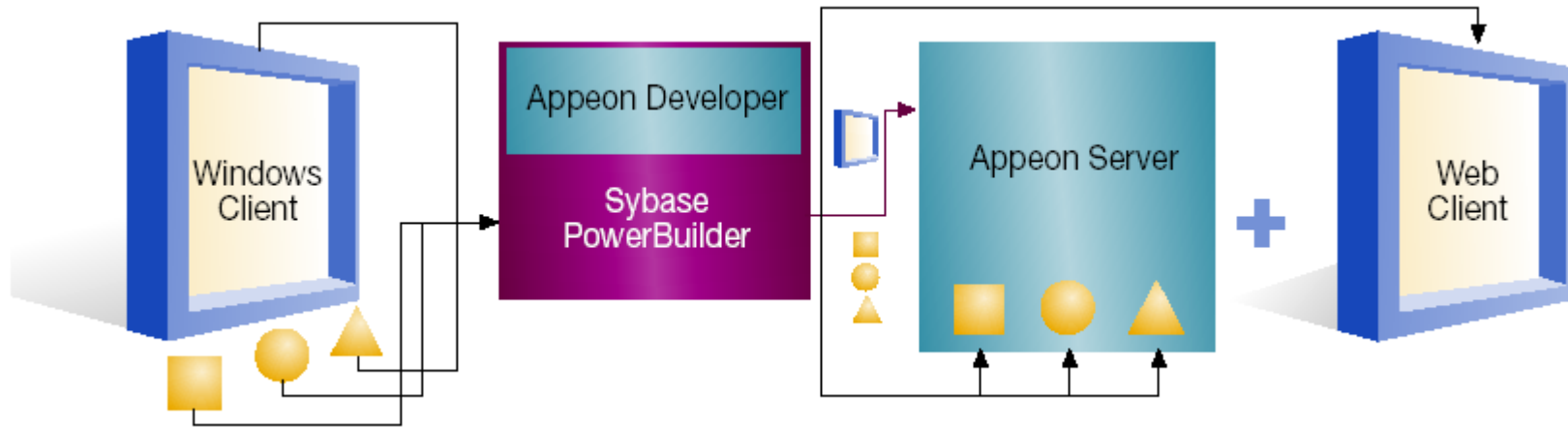
Step 2 – Test

- Test PowerBuilder application in the PowerBuilder IDE

Step 3 – Deploy

- Click Appeon Wizard
- Auto-Creates Web files: HTML, XML, and JavaScript
- Deploys Web files, DataWindows, Embedded SQL, and N-Tier NVOs to Appeon Server environment

Convert Apps to Web – 100s of times faster dev than J2EE/.NET rewrite



Step 1 – Analyze

- Appeon wizard studies the entire PowerBuilder application, flagging any unsupported features found and any heavy windows

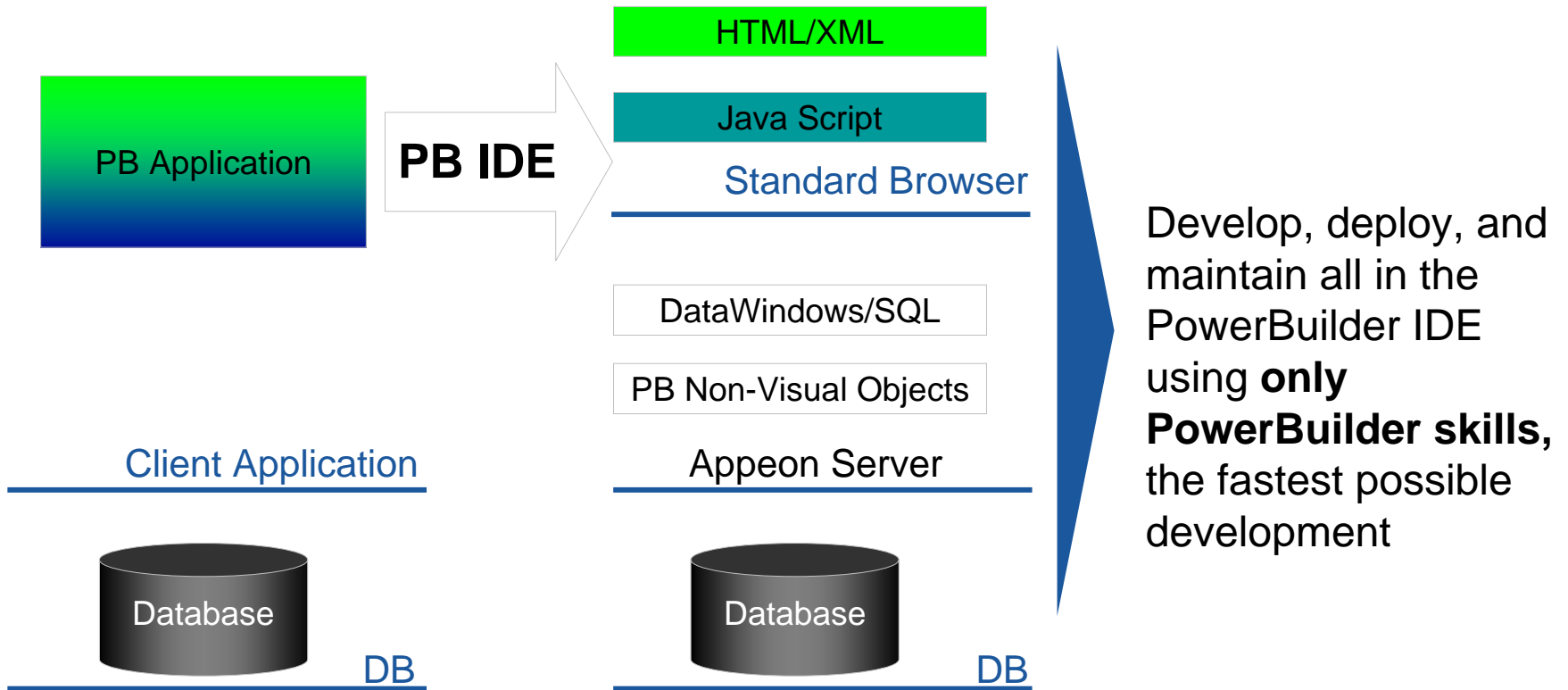
Step 2 – Modify & Test

- Rewrite desired unsupported features and heavy windows using standard PB programming
- Test in PB IDE

Step 3 – Deploy

- Click Appeon Wizard
- Auto-Creates Web files: HTML, XML, and JavaScript
- Deploys Web files, DataWindows, Embedded SQL, and N-Tier NVOs to Appeon Server environment

Appeon for PowerBuilder generates an n-tier Web application that is an exact replica of the 4GL client/server application, but with true web user interface... **automatically**



- Two Types of Unsupported Features
 - Web Browser Limitations or Standards (i.e. No JavaScript GOTO, BLOB data type, Security paradigm dictates no Client OS access, etc.)
 - Appeon Unsupported Features (Appeon supports a tremendous amount today but just like your apps have deadlines and cutoffs, Appeon has to stop coding at some point for each release like 2.5, 2.6, 2.7, 2.8, 3.0, etc.)
- Miscellaneous Properties and Functions in the thousands of PowerBuilder features – See the Appeon Migration & Supported Features Guide
 - i.e. GOTO, THROWS PowerScript Statements
 - i.e. Checkbox Control - BringToTop Property, RightToLeft Property, Other Event, etc.
 - Miscellaneous objects, functions, and events

- GUI Architectures
- External INI File, Registry, & DLL Support
- PowerBuilder Objects & PowerScript Support
- DataWindow Support – 70-90% of PB Application Objects
- Window Types
- Window Controls

Languages for text in the Graphical User Interface (GUI) of the application and application data from the database

- English
- Simplified Chinese
- Traditional Chinese
- Japanese (including localized version for Japanese PB)
- Korean

Other languages plan to be certified on future releases

Customers are currently working with non-certified languages using French, Spanish, Italian, Greek, Hebrew and Russian today

Rich-Client GUI in Thin-Client Browser with Fastest 4GL/RAD Dev IDE

- Demo Appeon Developer Toolbar Icons
- Inherit New PowerBuilder Window & Code Business Logic
- Deploy Web Application to Appeon Server
- Demo Appeon Enterprise Manager (AEM)
- Add Authentication Security to Appeon Web App

- Two Web Deployment Options
 - Pure-JavaScript – Much faster than Appeon 2.7
 - Appeon Accelerator (JavaScript/ActiveX) – Extremely fast
- File uploads and downloads to and from web client PC
- Dynamic Transaction Object to Connection changes via PowerScript
- User-defined Message Object
- Pass parameters into the Appeon Web Application
- Appeon PDFPrinter removes need for Adobe Acrobat license
- Package Wizard to automatically package your Appeon web app into an EXE and deploy remotely onto servers for customers
- PFC Phase II Support for Development & Production Deployment

QUESTIONS & ANSWERS