



SYBASE
NORTH AMERICA
EDUCATION

APRIL 2006
ISSUE 8

EDUCATION SERVICES



SYBASE
TechWave 2006
USER TRAINING & SOLUTION CONFERENCE

TechWave 2006 Pre-Conference

This year, Pre-Conference sessions are all NEW! No repeats from past years. If you're attending TechWave 2006, you can't afford to miss the Pre-Conference Session. There, you'll get a comprehensive technical learning experience that delivers accelerated training on new courses from our own instructors and other experts.

TechWave will be hosted at Caesars Palace, August 6-10, 2006. Our Pre-Conference Sessions will begin on August 5-6, 2006. For early TechWave registration discounts, go to <http://www.sybase.com/techwave>.

Testimonials from last year's Pre-Conference attendees:

"The course was very informative. I really like the hands-on lab work that the pre-conference courses provide."

"Looking forward to implementing the new features of ASE 15. And this training gave us a lot of information for us to consider upgrading to ASE 15."

"Thoroughly enjoyed the class. I learned a ton. Thanks!"

"Although my knowledge with this technology is limited, the whole learning-process experience for this class was very positive."

"Great knowledge and excellent delivery of the course"

NEW! Attend TechWave 2006 Pre-Conference Sessions via SyberLearning LIVE

Unable to attend TechWave? This year, you too can attend a Pre-Conference session over SyberLearning LIVE. Yes, that's right! You can attend a pre-conference session right from your office or home. Don't miss the opportunity to get even more training by attending the hands-on Pre-Conference sessions via SyberLearning LIVE. Register for

a SyberLearning Pre-Conference session at:
http://sed.sybase.com/Osiris/osiris_location_NAA1.htm#WEB

Great Savings and Prizes!

Furthermore, as a Pre-Conference class attendee, you will also receive great savings and be eligible to take home exciting new prizes.

Registration for Pre-Conference sessions (at TechWave or via SyberLearning LIVE):

Register by June 2, 2006: Two-day \$925
Register after June 2, 2006: Two-day \$1075

Prize Drawings:

Sybase Education will have exciting prize drawings each day during your Pre-Conference training. Look for details in our future email correspondences to you.

Online Assessments are a Great Success!

We are happy to report that thanks to you we have reached 1000 new users of the Sybase Online Assessment tool - SkillsChek - since its initial launch in March 2006. Check out our online assessment tools at <http://dneses.education.sybase.com/assessment/default.aspx> and create a profile so that you, too, can take advantage of this great tool.

Attend Any 4 or 5 Day Class and Get 50% Off your Second Class

This promotion is still running. Even if you were only planning to take one class, you can now take a second class - at 50% off list price. But hurry... both classes must be **completed by June 30, 2006**. Participating in this special promotion is more than just cost-effective - it's easy. Just enroll into your first class and mention the promotion code **N-BOGO6**.

Get Certified
**Over 40,000 participants
and counting!**

Sybase Professional Certification programs offer the technical skills, experience, and confidence to design and implement real-world solutions.

Sybase Education Reseller Program

A Sybase partner can become an Authorized Education Reseller (AER) by completing an application and signing the Education Reseller Agreement. AERs can resell all Sybase Education products and services at discounts up to 20%. For more info, contact Brian Wesselink at 678-585-7267 or brian.wesselink@sybase.com.

Several Ways to Save on Education

Education Passport
\$8,980 USD per year. The Sybase Education Passport lets a student attend unlimited number of training classes for one year.

SyberLearning LIVE Pass
For \$7,000 USD get all the SyberLearning LIVE training you need for an entire year!

Education Packages
10, 15, 30, 50 & 100 days of discounted training packages that anyone in an organization can use. Contact an Education Representative for more information.

Pre-Conference Session Descriptions

PC01 Powering Up with ASE 15.0

Gain hands-on experience with the newest features of Adaptive Server Enterprise version 15. The new release of ASE includes a vast array of new capabilities for administrators, SQL developers, and end users alike. Major new abilities include data partitioning, new optimization logic, and extended support for large databases.

PC02 P&T: ASE 15.0 Query Optimization New Features

This session will highlight the new features and functionality of the Query Optimizer in ASE release 15.0. It includes new optimization techniques, enhanced configuration options so as to customize these techniques used during optimization. Instruction and lab exercises will also cover the new tools for interpreting and evaluating decisions made by the Query Optimizer.

PC03 Powering Up with Replication Server 15.0

Learn the new Sybase Replication Server and Replication Manager 15.0 features. Explore via lecture and hands-on exercises the new Replication Monitoring Services (RMS), replicating computed columns, replicating encrypted columns, bi-directional replication support for DDL in MSA and ERSSD enhancements.

PC04 Implementing Sybase Mirror Activator

Learn Sybase Mirror Activator to enable a live standby Sybase ASE server to work within a Storage Replication topology. Practice how to implement Mirror Activator through intensive, hands-on labs that demonstrate tasks for the set up, configuration, deployment, maintenance, troubleshooting, performance tuning and monitoring of a live environment. This session will also teach you how to increase the efficiency and reduce the workload on the Storage Replication system.

PC05 Sybase WorkSpace Boot Camp: Developing Robust Applications

Learn the fundamentals of Sybase Workspace, an advanced IDE for SOA development, to get you started on your projects. Using a financial business application use case, you will explore how to design, develop, explore, deploy and debug your applications in an integrated environment using the open-source Eclipse platform.

PC06 Moving to PB 10.5/PB 11

Get hands-on experience using the new features of PowerBuilder 10.5: User Interface, DataWindow (TreeView DataWindow presentation style, AutoSize Height changes, Support for DropDown Calendar Edit Styles Changes to Blob handling and Web DataWindow changes), new language features, database support additions, Web Services Enhancements (Support for the .Net Web Service engine, New methods of SoapConnection), and Application Server deployment options.

The second day focuses on new features of PowerBuilder 11, including the new .Net features: Deploying PowerBuilder applications as .Net Web Applications (ASP.Net 2.0), Deploying PowerBuilder applications as .Net WinForm Applications and the Creation of Smart Client applications.

PC07 Expert Tips & Tricks for PowerBuilder Developers

Learn to improve your application performance using proven techniques for client/ server based technologies and add some tips and tricks to your overall PowerBuilder repository. The following application improvement topics will be covered: Dynamically manipulating the library list, Pre-loading ancestor objects, Application Profiling, and Asynchronous Multi-Threading. A database tuning focus will cover many areas including SQL Caching, the use of Bind Variables, database and SQL Tracing, the proper use of AutoCommit, SQLDA, SQLSA, the use of OLE-Blob columns in a DataWindow, and the use of DataWindow Stored Procedure Updates.

Pre-Conference Session Descriptions (Continued)

Finally, the session will end with the following general-focus areas: XML DataWindows, the use of the PBDOM, building and using Service Classes, the use of the GetContextService() function, environment Object, ClassDefinition Object, going beyond the typical Message Object, and OrcaScript.

PC08 Building C# Applications Using the DataWindow .Net 2.0

This session will cover .Net and DataWindow.Net, with emphasis on the differences between PowerBuilder and C#. Instruction will cover topics like solutions vs. workspaces, projects vs. targets, syntax, operators, namespaces vs. PBLs, casting of DataTypes, and how inheritance works in Pb vs. .Net.

Coverage of .Net features not possible in PowerBuilder such as overloading constructors, the use of parameterized constructors and the use of Interfaces will be discussed. Learn through examples and lab exercises how the DataWindow will improve the performance, quality and efficiency of your C# projects. Other topics include: use of new ADO Datasets, Treeview DataWindow presentation style and the Autosize Height property of all DataWindow bands. This is a perfect class for PowerBuilder developers moving to the .Net platform, simply because it focuses on the differences and small nuances of integrating the two technologies.

PC09 Data Modeling with PowerDesigner 12

Learn how PowerDesigner 12.0 can be used during data analysis, data modeling, and database design processes. Create a conceptual data model with entities, attributes, and relationships. Learn to target a DBMS, generate and enhance a physical data model, and then generate a database creation script for database tables, indexes, views, triggers, and stored procedures.

Explore reverse engineering features to create physical, conceptual, and object-oriented models from an existing database, as well as learn iterative modeling by using compare and merge model features and synchronizing physical data models with corresponding databases and vice versa. Finally, learn how to use and manage the Enterprise Repository for storing and sharing enterprise models across disparate groups and locations.

PC10 Object-Oriented Modeling: a Live, Interactive PowerDesigner 12 Session

This session is highly interactive, where you are expected to be part of a design and development team working towards a solid design of an online bank bill-payer Web application. You will use UML and PowerDesigner 12 in a language neutral format to make all the decisions towards a final solution. Starting with high-level requirements you will create a high-level Domain model, move on to creating UML Use Cases and Use Case diagrams, detailing all the requirements. Interaction diagrams (Sequence Diagrams) will be created to show detailed interaction between the objects identified by the Use Cases, resulting in further definition of the operations needed by the application.

The culmination of the design session will include the creation of UML Class diagrams showing the detail and relationship between all objects, their attributes and operations. New and advanced PowerDesigner Object-Oriented modeling features will be highlighted by the instructor, such as Code generation, Reverse engineering, Reporting options, Repository, Extended Model Definitions.

PC11 Developing Mobile Solutions with Unwired Accelerator

Learn to accelerate the mobilization of your Web applications, Web sites, intranets, portals, Web Services applications, and database-driven applications using Sybase Unwired Accelerator. This course will demonstrate how to develop mobile applications for both connected and disconnected access using a point-and-click development toolset. Non-technical users can quickly and easily mobilize a basic application without a programming requirement.