NEODBUG

ELECTRONIC

Newsletter of the Northeast Ohio Database Users Group

Chairman's Corner:
By Michael James

Although the weather tried to put a damper on the meeting, the February special training class was a rousing success! Forty-eight brave souls ventured out in a blizzard and made it to class. Bonnie Baker drove up from Cincinnati the night before to make sure that the class would go on! Wow, what a trooper! The feedback on Bonnie's presentation was excellent. Thanks to our agenda committee for all of their efforts to arrange this class. If only the Indians can do the same thing.

For the past seventeen years, NEODBUG has positioned itself as a multifaceted organization through a series of changes that attempt to better fulfill the needs of the core database community. Managed change is good and we plan to keep evolving, while not forgetting the main focus of this organization: database. We cannot do this without your input. It helps us to make sure that we are meeting your needs for database education. Keep up the flow of suggestions/comments.

For May's meeting, please note: the date of the meeting is May 17th! Our agenda committee has arranged for presentations that I'm sure you will find as informative as usual. Thanks to the diligence of Kirk Bailey of Maverick Direct and Jim Budka of Antares Management Solutions for all of their hard work putting this agenda together.

*   *   *

Our day begins with Paul Wirth of IBM, talking to us about *"DB2 V9 for z/OS"*. This presentation reveals how the combined power of the upcoming release of DB2® for z/OS® data server and DB2 tools can provide an unmatched Information Technology (IT) infrastructure to help solve your information-intensive business problems. Take this opportunity to learn about exciting new innovations that will help you realize the business value of your company's information, streamline compliance and security - while managing risk using the DB2 tools that will exploit this new product release.

In this presentation, you'll get a first look at innovative new feature that can save costs, improve performance and give you keen insight into your business by:

- Improving security and regulatory compliance and enhanced auditing
- Managing emerging XML data via new hybrid XML-relational data server design
- Changing information design dynamically, often without system outages
- Optimizing performance, usability and availability in data sharing environments
- Using upcoming DB2 tools to complement the new zIIP processor

April, 2007 issue
www.neodbug.org

TREASURER'S REPORT

The following are the current figures for NEODBUG as of April 5, 2007.

ASSETS

Checking Account	**$12,104.69**
Money Market Account	**$ 1,000.00**
Savings Account	**2,079.83**
Projector	**2,089.10**
Total Assets	**$17,273.62**

LIABILITIES

Membership Prepayment	**$ 540.00**
Outstanding Invoices	**$ 5,520.00**
Total Liabilities	**$ 6,060.00**
NET WORTH	**$11,213.62**

We had a fine turnout for our February 14th Special Education Event given by Bonnie Baker despite the snow-storm with forty-eight braving the weather to attend from nine companies.

The following companies/ individuals have sent in their Corporate or Individual Memberships. If you don't see your company name there, you will have to pay the higher, non-Membership registration fees at the upcoming quarterly meetings. Those that prepaid to send members to NEODBUG meetings have the number of remaining coupons next to their names. The coupons expire 12/31/2007:

Companies/ Individuals that have paid memberships:

Allstate Insurance	
Antares Management Solutions	**(3 Coupons left)**
Betz Consulting, LTD	**(3 Coupons left)**
Bridgestone/ Firestone	
Susan Birgeles	**(3 Coupons left)**
BMC Software	
Dominion CCS	**(3 Coupons left)**
Erie Insurance	
JoAnn Stores	
KeyBank	
Lovell Leverette	
National City Bank	**(3 Coupons left)**
Parker Hannifin	
Phil Sherman	**(3 Coupons left)**
Sherwin Williams	**(3 Coupons left)**

Letter FROM the Editor
By Jim Szabo

The Northeast Ohio area had just been pummeled by many inches of snow. Emails from our NEODBUG agenda committee reassured the Board that our speaker was in town and ready to conduct our class. The snow in my apartment's driveway had not been plowed for many hours, so it was a slow, sliding trip to the street, wheels spinning along the way. I-480 East was in pretty good shape until the I-77 interchange, where a spun-out vehicle on the exit ramp stopped traffic for forty minutes. A slippery trek up Quarry Lane and a snowy parking lot were the last obstacles, finally getting to the DoubleTree Inn at about 9:15.

My story of the trials and tribulations getting to the February 14 NEODBUG educational meeting pales in comparison with many that we heard that day. Some attendees could not get their driveways plowed for hours, showing up for the class as late as 11:30.

But they came - forty-eight hardy attendees made it to Bonnie Baker's *"DB2 V8 for Developers and DBAs"*.

Bonnie's travel story was even more harrowing: after being snowed out of giving a class in Indianapolis the day before, she borrowed a vehicle and drove from Cincinnati to Cleveland the night before the class. A

May 17, 2007 Meeting Agenda

8:30 - 9:00	**Registration**
9:00 - 9:10	**Opening Remarks** **- Michael James, NEODBUG Chairman**
9:10 - 10:30	**"DB2 V9 for z/OS"** **- Paul Wirth, IBM Corporation**
10:30 - 10:45	**Break**
10:45 - 12:00	**"DB2 V9 .NET 2005 Add-ins"** **- Paul Wirth, IBM Corporation**
12:00 - 1:00	**Lunch**
1:00 - 2:15	**"Database Encryption - How to Balance Security and Performance"** **- Ulf Mattson, Protegrity Corp.**
2:15 - 2:30	**Break**
2:30 - 4:00	**"SOA"** **- David Sukert, Mainline Information Systems**
4:00 - 4:15	**Closing Remarks, Door Prizes** **- Michael James, NEODBUG Chairman**

DoubleTree Hotel Cleveland South
6200 Quarry Lane
Independence, OH 44131
(216) 447-1300

* * *

Paul's second presentation is titled *"DB2 v9 .Net Add-ins"*. DB2 V9 for Linux, Windows and Unix has recently become generally available and provides many enhancements for autonomic computing, storage management, business intelligence and native XML support. In addition to the many enhancements for database operation, DB2 V9 provides support for Microsoft® Visual Studio 2005. The IBM® Database Add-in for Visual Studio 2005 provides significant enhancements to application development using DB2 databases, tight integration with Microsoft Server Explorer and enhanced debugging. It introduces IBM designer to creating database objects and includes several other enhancements. This presentation will provide and overview and demonstration of the new features in IBM Database Add-ins for Visual Studio 2005, and will illuminate the differences in this latest version when compared to IBM DB2 Development Add-ins developed for Visual Studio .NET 2003.

* * *

Paul Wirth is a Senior Data Management Technical Sales Specialist with IBM Corporation, located in Grand Rapids, Michigan. Paul has been involved in database administration and storage management for the past twenty years. Over the years, Paul has worked in database administration with IMS, DB2 and Oracle. Paul has also worked extensively with enterprise storage subsystems for both Open Systems and z/OS.

* * *

For the afternoon, we begin with Ulf Mattson of Protegrity Corporation. Ulf created the initial architecture of Protegrity's database security technology, for which the company owns several key patents. His exten-

Upcoming Database Events

Date	Organization	City
04/22-25/2007	SOLUTIONS 2007 - Hyperion Global User Conference	Orlando, FL
04/22-26/2007	Computer Associates (CA) World 2007	Las Vegas, NV
04/26-27/2007	Enterprise Architecture and Data Warehousing Conference	Arlington, VA
05/06-10/2007	International DB2 Users Group (IDUG) North America 2007	San Jose, CA
05/13-18/2007	The Data Warehousing Institute (TDWI) - Spring 2007	Boston, MA
05/14-19/2007	Cognos Forum 2007	Orlando, FL
05/17/2007	NEODBUG quarterly meeting	Independence, OH
05/21-23/2007	DB2 Symposium	Boston, MA
08/06-10/2007	Sybase TechWave 2007	Las Vegas, NV
08/16/2007	NEODBUG quarterly meeting	Independence, OH
08/19-24/2007	TDWI - Summer 2007	San Diego, CA
09/18-21/2007	Professional Association for SQL Server (PASS) Community Summit	Denver, CO
10/14-18/2007	IBM Information On Demand Global Conference 2007	Las Vegas, NV
10/28-11/02/2007	TDWI - Fall 2007	Orlando, FL
10/29-11/07/2007	BMC Software UserWorld	Vancouver, BC Canada
11/05-09/2007	IDUG Europe 2007	Athens, Greece
11/11-15/2007	Oracle OpenWorld	San Francisco, CA
11/15/2007	NEODBUG quarterly meeting	Independence, OH
05/18-22/2008	IDUG North America 2008	Dallas, TX

sive IT and security industry experience includes twenty years with IBM as a manager of software development and a consulting resource to IBM's research and development organization, in the areas of IT architecture and IT security. Ulf holds a degree in electrical engineering from Polhem University, a degree in finance from University of Stockholm and a master's degree in physics from Chalmers University of Technology.

* * *

Ulf will be presenting for us *"Database Encryption - How to Balance Security and Performance"*. Encryption can provide strong security for data at rest, but developing a database encryption strategy must take many factors into consideration. Organizations must balance between the requirement for security and the desire for excellent performance. Packaged database encryption solutions have proven to be the best alternative to protect sensitive data.

This is a specialized and complex solution area and if internal resources don't have the cryptography expertise in relation to your IT environment, outside expertise should be used to ensure superior performance. This session reviews the performance aspects of three dominant topologies for database encryption. This session will review how to balance performance and database security utilizing different IBM encryption solutions, including native DB2 solutions, ICSF, CCF, CPACF, DB2 EDITPROC, DB2 FIELDPROC and DB2 user-defined functions (UDFs).

* * *

We finish the afternoon with a presentation by David Sukert from Mainline Information Systems, talking about *"SOA"*. David has twenty-six years of industry experience in designing and developing business applications. He specializes in various forms of persistence technologies, open source frameworks, SOA and enterprise application integration. At Mainline Information Systems, he provides technical leadership towards SOA initiatives and is responsible for Websphere customer implementations and support. David is an IBM Certified Enterprise Developer and has a Bachelor of Science degree in Electrical Computer Engineering from California Polytechnic University.

* * *

Our August quarterly meeting will be held on August 16, 2007 at the Cleveland DoubleTree Hotel in Independence. As we have details of the presentations, we will email them to you.

* * *

In November, as we have done for the past several years, we look to bring in a nationally-known speaker. This year, I am happy to announce that Terry Purcell of IBM has agreed to come in for a half-day presentation. We are looking to fill the rest of the day. We'll also give more information, as it becomes available. As always, this meeting will include a business meeting to elect the Board of Trustees for next year.

* * *

See you on the 17th of May, and don't forget the IDUG North American conference will be held May 6-10 in San Jose, CA. Join the International DB2 Users Group in San Jose, the birthplace of DB2. Find the answers you need at the premier user-driven training and networking conference for DB2, Informix and IMS information management professionals.

"Go Further"...IDUG is the only conference dedicated to providing technical education and networking opportunities specifically for DB2 and Informix information management professionals. This year's conference provides greater access to IBM developers than ever before, and includes a special trip to IBM's Silicon Valley Lab.

* * *

Finally, I know that May is not too early to golf or baseball, but it is going to rain or snow anyway, so you might as well attend this informative event. Oh yeah, go Cavaliers! Go Tribe! And draft well, Mr. Savage.

normal three-hour trip took her seven hours, the worst of it being when she reached northeast Ohio. And to top it off, the heater in her vehicle didn't work!

Some will ask why NEODBUG even held the class when the weather was so bad. Well, here are a few of the reasons:

- **We had a contractual agreement with the hotel that would have required us to pay for the meeting even if it didn't happen - thousands of dollars. NEODBUG cannot afford to take that kind of loss.**
- **Our speaker pushed hard to honor her commitment, and we did not want to let her down.**
- **NEODBUG did not have a notification mechanism in place to alert attendees to a cancellation; in our eyes, "the show must go on".**

As it was, we were required to pay for the room size and lunches based on the attendance estimates we provided, which were required to be given to the hotel many days before the snow flew.

At the following month's Board of Trustees meeting, we had a lively discussion on how best to handle a situation like this in the future. The Board put together a communication plan that will be used for all future meetings:

- **Our website (www.neodbug.org) will be updated with the status of the meeting. In fact, our website was updated the morning of the February meeting, stating that the meeting was on.**
- **If needed, we will send out an email "blast" the day before the meeting, to those on the NEODBUG email list.**
- **We will make sure that the DoubleTree Inn is informed the morning of the meeting of its status. You can call the DoubleTree at 216-447-1300 before you venture out.**

Because of our expenses, we are requiring that pre-registrants who were not able to attend pay for their registration. NEODBUG provided copies of Bonnie's excellent class notes to all pre-registrants, delivered back to your company by those co-workers that did make it to the class. These notes alone are "worth the price of admission", so you and your company should feel that they did get some value for their education dollar.

We all know that we can't control the weather, but be assured that your NEODBUG Board has your best interests at heart when we make the decisions that we make concerning our programming.

If you would like to give feedback to the NEODBUG Board on this past meeting or on these issues in general, please email us at neodbug@sps-solutions.com.

DB2 Symposium Boston, May 21-23, 2007

A DB2 symposium will be held in Marlborough, Massachusetts (near Boston), from May 21-23, 2007. Special guest speaker is Jeff Josten from the IBM Silicon Valley Lab, who will give an update of Version 9 and beyond. All sessions are presented by the following highly regarded DB2 experts: Bonnie Baker, Susan Lawson, Jeff Josten, Dan Luksetich, Klaas Brant and Rick van der Lans.

You can register for 1, 2, or 3 full-day sessions. For details and registration, go to www.db2-symposium.com. Note that if you are a registered member of a DB2 User Group, can get a 5% discount!

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Registration Form

NEODBUG Quarterly Meeting
THURSDAY, May 17, 2007 9am-4:30pm
DoubleTree Inn Cleveland South, 6200 Quarry Lane, Independence, OH

R.S.V.P: Checks and registration forms are encouraged to be sent early due to limited seating.

Cost: If your company is a member of NEODBUG: $30.00 pre-registration or $40.00 at the door.
If your company is not a member of NEODBUG: $40.00 pre-registration or $50.00 at the door.

Yes, I will be attending the quarterly meeting; a check for $ _____ is enclosed for a total of _____ reservations.

YOUR NAME _____ **TITLE** _____

PHONE & EMAIL ADDRESS _____

In addition to myself, the following persons will be attending:

NAME	TITLE	PHONE & EMAIL ADDRESS
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Company Name: _____

Company Address: _____

Email this form to neodbug@sps-solutions.com to notify us of your intent to attend, then postal mail this form and your check (payable to NEODBUG) no later than May 11, 2007, to:

NEODBUG
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Cleveland, OH 44094