

# NEODBUG

E L E C T R O N I C

## Newsletter of the Northeast Ohio Database Users Group

### Wirth, Andresen Present Timely November Program

All companies are trying to do more with less these days. NEODBUG helps you (and your boss!) do that in the database arena, with a timely program at its November 19 quarterly meeting.

To start the day, **Paul Wirth** of IBM will present *“Exploring IBM Downloadable No-charge Features for Databases”*.

IBM provides the DB2 Family and Informix Dynamic Server customers with several downloadable products at no additional cost. The purpose of these “no-charge” database features is to improve the productivity of database administrators and accelerate application development. During these very difficult economic conditions and strained resources, employee productivity is of more importance than ever. Therefore, to improve productivity and learn about available tools, this presentation will explore the no-charge database features of IBM Data Studio, IBM Data Server Client, Optimization Service Center and IBM .Net Add-Ins.

These features provide many abilities such as supporting Service Oriented Architecture (SOA), creating database objects, comparing table objects, creating SQL and helping in problem identification.

This presentation will focus on DB2 for Linux, UNIX and Windows as well as DB2 for z/OS. The ultimate goal of the presentation is to improve productivity and show how easy it is to work with the IBM family of databases.

#### Agenda

- Review the simplification of workstation connections to DB2 z/OS using IBM Data Studio
- Review ability to create and alter tables, views, triggers and indices
- Demonstrate table object comparison and table drop impact analysis
- Explore the DB2 z/OS dynamic statement cache for opportunities to improve SQL and save CPU cycles
- Demonstrate SQL query building and the new Visual Explain feature
- See how to create web services from DB2 stored procedures
- Demonstrate exposing DB2 stored procedures as a web service
- Demonstration of DB2 SQL stored procedure creation and debugging
- Review support for XML data

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.

After lunch, our speaker will be **Robert Andresen**. He is a Technology Specialist with Computer Associates (CA). He has been working in performance management and



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[www.neodbug.org](http://www.neodbug.org)

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# NEODBUG Treasurer's Report By Alan Solnick

## TREASURER'S REPORT

The following are the current figures for NEODBUG as of October 4th, 2009.

### ASSETS

Checking Account	\$ 5,986.71	
Money Market Account	\$ 12,380.43	
Projector	\$ 2,089.10	
Total		\$ 20,456.24

### LIABILITIES

Membership Prepayment	\$ 80.00	
Total		\$ 80.00

### NET WORTH

\$ 20,376.24

We had an excellent turnout for the August 20th/Roger Miller meeting with fifty-four paid attendees from fifteen 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 meeting. Those that prepaid to send members to NEODBUG meetings have the number of remaining coupons next to their names. The coupons expire 12/31/2009:

#### Companies/ Individuals that have paid memberships:

Antares Management Solutions  
Susan Birgeles (1 Coupon left)  
BMC Software  
Bridgestone  
Dominion Resources  
Erie Insurance  
JoAnn Stores  
Key Bank  
National City Bank  
Parker Hannifin  
Phil Sherman (1 Coupon left)  
Progressive Insurance

Al Solnick  
Treasurer

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monitoring for several software companies since 1997 and has been supporting mainframe systems since 1976 in various capacities including being a zOS/CICS/DB2 Systems Programmer. He is a co-author of the IBM redbook [Linux on IBM eServer zSeries and S/390: System Management \(SG24-6820\)](#). He has presented at IDUG, CMG, the IBM z/OS Conference and LinuxWorld as well as many local and regional user groups. He holds a degree in Mathematics from the Illinois Institute of Technology. He is certified as an IBM Certified Database Administrator for DB2 9 for z/OS, an IBM Certified SOA Associate and also is ITIL Foundation Certified. At CA, he has been supporting their suite of DB2 for z/OS tools for the past year. His areas of expertise include z/OS, DB2, Oracle, CICS, UNIX/Linux, Windows, Websphere MQ and Networking.

Robert will be giving two presentations for us, beginning with ***“Using Native SQL Procedures”***.

Native SQL stored procedures are new for DB2 9. They offer less overhead, are zIIP-eligible and are easier to write; in short, a win/win/win situation. We will cover the writing and definition of native SQL stored procedures and discuss the new capabilities for versioning these procedures. We will also cover the new SQLFORMAT option and new coding support for extended GOTO and nested compound statements. Next, we will look at testing and debugging capabilities, including a sample Rexx exec to quickly verify the functionality of the new procedures. Measuring and monitoring resource consumption will also be covered. We will then cover deployment commands and migration from existing external SQL procedures to the new native SQL procedures. Finally, we will discuss documentation resources that exist, to learn more about native SQL stored procedures.

Robert’s second presentation is titled: ***“Excelling at DB2 Monitoring and Reporting”***.

Most DB2 monitors can load accounting and statistics data into DB2 tables. We can use spreadsheets as an adhoc reporting tool against this data. Statistics rows show usage of critical resources during peak times and accounting rows show which applications are consuming the critical resources.

We will build an inventory of tables and column names and generate SELECT statements from a Rexx exec. Each of our spreadsheets will be focused on a related group of metrics over a meaningful time frame. We will then subtotal, summarize and graph the data, building DB2 performance dashboards.

\* \* \* \* \*

Remember that pre-registration for this meeting will be accepted through 12:00 Noon, November 16, 2009. You may pre-register by email to [neodbug@sps-solutions.com](mailto:neodbug@sps-solutions.com). Your registration will be confirmed with your payment. Registration at-the-door will only be accepted on a space available basis.

This meeting will be held at the Skyline Hotel & Conference Center (formerly the Sheraton Hotel Independence), 5300 Rockside Road, just west of the I-77 exit.

## Chairman's Corner By Michael James

It is fall in Cleveland. The leaves are beginning to fall, darn it, but there is not any snow yet. The Tigers blew the playoff game for the title in the AL Central Division and the Indians are sitting in LAST PLACE and will be watching the World Series just like the rest of us. Now all we can do is root for CC Sabathia and Cliff Lee! No big deal!

The Cavs have pulled off another coup: trading for Shaquille O'Neal, Anthony Parker, and Jamarion Moon (and we still have All-Star point guard Mo Williams), who bring a new and exciting wrinkle to the Eastern Conference as they drive for an NBA Championship! Anderson (Wild Thing) Varajao is signed to a multi-year contract. In any event, LeBron is back with a bunch of guys that will make this year REAL interesting.

Now we are back down to one winning team in Cleveland, the Cavaliers! Can we shoot for two? Well, the Browns are still here, and they hopefully will start winning soon! Who would have thought that the Browns would be 0-4 after last year? Are we looking at a .500 season? Hopefully! It would sure be an improvement on how the season has started. Oh yeah, NEODBUG is going to hold its November quarterly meeting on Thursday, November 19, 2009.

### Annual Elections

Along with the usual highly informative content of our meeting (and this meeting is definitely no exception), the NEODBUG business meeting and board election will be held at November's meeting. This is where you decide if the coaching staff changes. The current Board of Trustees will present to the membership a slate of candidates and will conduct an election for the Board of Trustees for 2010. The Board of Trustees will then elect its officers at the December Board meeting.

The make up of your Board of Trustees may change in 2010. We are fortunate to have most of the board returning for the upcoming year. This is a core group of individuals that are dedicated to providing a forum for database-related issues and education.

This organization depends on the Board of Trustees to plan our quarterly meetings, handle membership and meeting registrations, oversee the finances and generate this newsletter. Your input is necessary for NEODBUG to continue to prosper as your source for solutions to database technical issues. So be sure to talk to any of the Board Members about your suggestions during the meetings, write your suggestions down on the evaluation form that is distributed during the meeting, call us or email us at [neodbugquestions@sps-solutions.com](mailto:neodbugquestions@sps-solutions.com) to share your thoughts. We really read them!

### Decisions

The Board of Trustees has completed an examination into ways we can keep this organization on a sound financial footing. NEODBUG is a non-profit organization as recognized by the Internal Revenue Service, which saves us about \$2500 over the course of the year in sales taxes that we avoid paying. We have been able to increase our income for the past year even though our costs have also continued to increase. The Board has made these decisions moving forward into 2010:

- \* We will be holding the corporate membership fees to \$150 for early membership registration and \$175 for late membership registration
- \* We will again offer a special educational meeting this year in February or March of 2010. As in the past seven years, we are arranging for a nationally-known trainer to come in for a day of training at what will be a very special price for employees of member companies. We are trying to keep the cost at \$225. We will have more information after the beginning of the year.
- \* Our quarterly meeting fees will remain \$40.00 pre-registration or \$50.00 at the door, if your company is a NEODBUG member, \$50.00 pre-registration or \$60.00 if not. This information should help your

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internal company budgeting.

- \* We will have a quarterly meeting in August of 2010. Previous years' attendance for our August meeting has been disappointing, but this year's meeting (Roger Miller) had the best attendance of any meeting this year.
- \* We will continue to offer the ability to pre-pay for the year's meetings with your annual corporate membership payment. These coupons will continue to be redeemable for the cost of a regular quarterly meeting.
- \* We will continue with individual memberships, designed for consultants whose companies will not support joining the user group. The cost for these memberships will remain \$35.
- \* For every fifth person attending our special education meeting from a member company, there will be a \$40 discount. This hopefully encourages your company to send a group of employees.

### NEODBUG on the WEB

Look for the new NEODBUG website (version 2.0!) to come online by the end of the year. Watch the website for announcements and copies of handouts for the meetings. You can find it at [www.neodbug.org](http://www.neodbug.org).

### Your input

If you have seen a speaker give a full day's training session that you believe the membership of NEODBUG would find valuable, let us know by emailing the info to [neodbugquestions@sps-solutions.com](mailto:neodbugquestions@sps-solutions.com).

You can also suggest a "company talk" as well. Just put together a short presentation about a project that your company performed and share it with the group. Just the good, bad & the ugly! There is nothing like a "real world" experience, and our meeting evaluations indicate that our attendees crave the "birds of a feather" information.

Remember to come and vote for your Board of Trustees and receive some great information.

Michael James, Chairman

## Upcoming Database Events

Date	Organization	City
10/11-15/2009	Oracle Open World - North America	San Francisco, CA
10/18-22/2009	Teradata PARTNERS Conference	Washington, DC
10/25-29/2009	IBM Information On Demand Conference	Las Vegas, NV
11/01-06/2009	The Data Warehouse Institute (TDWI) World Conference - Autumn	Orlando, FL
11/02-04/2009	Data Management Association (DAMA) International Conference Europe	London, UK
11/02-04/2009	Data Management & Information Quality Conference Europe	London, UK
11/02-04/2009	Data Warehouse & Business Intelligence Conference Europe	London, UK
11/03-06/2009	Professional Association for SQL Server (PASS) Summit	Seattle, WA
11/13/2009	Northeast Ohio Oracle Users Group (NEOOUG) Meeting	Independence, OH
11/16-17/2009	TDWI European Conference	Amsterdam, NT
11/19/2009	NEODBUG Quarterly Meeting	Independence, OH
1/15/2010	NEOOUG Meeting	Independence, OH
4/11-15/2010	Computer Associates (CA) World 2010	Los Angeles, CA
5/10-14/2010	International DB2 Users Group (IDUG) - North America	Tampa, FL

## November 19, 2009 NEODBUG Meeting Agenda

8:30 - 9:00 Registration

9:00 - 9:15 Opening Remarks

Michael James  
NEODBUG Chairman

9:15 - 10:30 *"Exploring IBM Downloadable No-charge  
Features for Databases" - part 1*

Paul Wirth  
IBM Corporation

10:30 - 10:45 Break

10:45 - 12:00 *"Exploring IBM Downloadable No-charge  
Features for Databases" - part 2*

Paul Wirth

12:00 - 1:00 Lunch

1:00 - 2:15 *"Using Native SQL Procedures"*

Robert Andresen  
Computer Associates

2:15 - 2:30 Break

2:30 - 4:00 *"Excelling at DB2 Monitoring and  
Reporting"*

Robert Andresen

4:00 - 4:15 Closing Remarks

Michael James

**Skyline Hotel & Conference Center**  
(formerly the Sheraton Independence)  
5300 Rockside Road  
Independence, Ohio 44131  
(216) 524-0700

<http://www.skylinehotelindependence.com>

## Meeting Registration Form

NEODBUG Quarterly Meeting  
THURSDAY, November 19, 2009 9am - 4:30pm  
Skyline Hotel & Conference Center  
5300 Rockside Road, Independence, OH

Cost: If your company is a member of NEODBUG: \$40 pre-registration or \$50 at the door.  
If your company is not a member of NEODBUG: \$50 pre-registration or \$60 at the door.

Yes, I will be attending the education meeting; a check for \$ \_\_\_\_\_ is enclosed for a total of \_\_\_\_\_ reservations.

YOUR NAME \_\_\_\_\_ BRINGING A LAPTOP? \_\_\_\_\_

PHONE & EMAIL ADDRESS \_\_\_\_\_

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

NAME	BRINGING A LAPTOP?	PHONE & EMAIL ADDRESS
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

Email this form to [neodbug@sps-solutions.com](mailto: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 November 16, 2009, to:

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