NEODBUG

ELECTRONIC

Newsletter of the Northeast Ohio Database Users Group

Rasmussen, Lawson to Speak at November Quarterly Meeting

Internationally-known DB2 experts **Steen Rasmussen** and **Susan Lawson** will bring their knowledge to northeast Ohio, as speakers at our NEODBUG November quarterly meeting!

To start the day, **Steen Rasmussen**, a Technical Specialist with Computer Associates, will make two presentations. The first is titled *"The Clones Have Landed – Watch Out!"* This presentation will describe the possibilities and limitations exploiting cloned tables in DB2 9 for z/OS.   The new SQL syntax and statements associated with cloned tables will be covered by using a live DB2 9 system and real data to illustrate the changes. Since some utilities operate on the table/index level and some operate on the tablespace level, the impact on each utility will be covered as well as the new keywords and commands, again by using a live DB2 environment to illustrate the implications.   Finally, the catalog changes and new parameters will be covered when utilizing cloned tables. If your company is ready to embrace DB2 9 now or not, this presentation will most certainly help in your future planning.

Steen's second presentation is *"Exploiting the Log's Many Possibilities."* The log is a vital part of DB2 and DB2 recovery. However - once you start to exploit the content and what the log holds, many day-to-day tasks can be changed for the better for everyone. This presentation will look into real-life scenarios how DB2 sites are squeezing the most out of the log to manage audit control, application recovery, change propagation, application QA and assisting in disaster scenarios.

Steen Rasmussen is a Principal Technical Specialist currently instrumental in the ongoing development and support of the CA DB2 tools. In 1985, Steen started as an IMS/DB2 DBA at a major insurance company in Denmark working with all aspects of DB2: tuning, application design and implementation, education of developers, backup and recovery planning and automation of housekeeping processes. During this job, Steen also served as a member of the planning committee for DB2 GUIDE SHARE Nordic region. In 1995, Steen became a technical manager at Platinum Technology, managing technical support and presales for the DB2 products.

Steen has been working with DB2 for more than 20 years starting with DB2 Release 1. Besides providing support for the teams in the field and internal groups working with DB2, Steen also is a frequent speaker at IDUG in North America and Europe as well as local DB2 User Groups around the world.

* * *

After lunch, our speaker will be **Susan Lawson**, an internationally recognized consultant and lecturer. Susan's last presentation to NEODBUG was about 1½ years ago. Susan will be presenting *"V8/V9 Application/Database Challenges and Solutions."* In this seminar, we will look at some of the performance features in DB2 for z/OS V8 and how they have been successfully used in our applications and databases to meet some of our

October, 2008 issue
www.neodbug.org

TREASURER'S REPORT

The following are the current figures for NEODBUG as of October 4, 2008.

ASSETS

Checking Account	$ 5,827.45
Money Market Account	$ 12,188.15
Projector	$ 2,089.10
Total Assets	$ 20,104.70

LIABILITIES

Membership Prepayment	$ 440.00
Total Liabilities	$ 440.00

NET WORTH   **$ 19,664.70**

We had a light but enthusiastic turnout for the August 21st meeting with 33 paid attendees from 12 companies.

The following companies/ individuals have sent in their 2008 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 12/31/2008:

Companies/individuals that have paid memberships:

Antares Management Solutions	
Bridgestone/ Firestone	
Dominion	
Erie Insurance	
Jane Betz, LTD	(3 Coupons left)
JoAnn Stores	
Key Bank	
National City Bank	(3 Coupons left)
Parker Hannifin	
Phil Sherman	(1 Coupon left)
Progressive Insurance	(3 Coupons left)
S&P Solutions	(1 Coupon left)
Sherwin Williams	
Terri Speck	

Alan Solnick
NEODBUG Treasurer

current performance challenges. Those challenges, of course, are performance and availability. We will discuss some of the things we still desire in terms of SQL/application and database performance and take a look at V9 to see what features are available to further improve our performance and availability of our applications. We will look at how we may take advantage of those features.

o **V8 SQL/Application Performance Features**

- **Multi-row fetch**
- **Recursion**
- **Common table expressions**
- **INSERT within a SELECT**
- **Scalar fullselect**

- **Distribution statistics**
- **XML scalar functions**
- **Multiple DISTINCT**
- **Matching predicates**
- **Parallelism and sorting**

o **V8 Database Performance Features**

- **Volatile tables**
- **Data-partitioned secondary indexes**

o **V9 SQL/Application Features**

- **UPDATE/DELETE with a SELECT**
- **Optimistic locking**
- **INDEX ON expression**
- **Histogram statistics**
- **ORDER BY and FETCH FIRST in subselect**
- **INSTEAD OF triggers**
- **INTERSECT and EXCEPT**

- **Skip locked data**
- **Caseless expressions**
- **Native SQL procedures**
- **XML support**
- **Star Joins performance**
- **New functions**

o **V9 Database Performance Features**

- **Better index page splitting**
- **Index compression and large pages**
- **DPSI improvements**
- **Clone tables**

- **APPEND ON INSERT**
- **Truncate table**
- **NO LOG tables**

o **Discuss the importance of smart SQL and applications**

o **Discuss V8 SQL and application features and show examples**

o **Discuss challenges still remaining in V8 SQL/applications and databases**

o **Look at some new V9 SQL/application features their benefits**

Susan Lawson is an internationally-recognized consultant and lecturer with a strong background in system and database administration. She currently works with several large clients to help develop, implement and tune some of the world's largest and most complex DB2 databases and applications. She also performs performance audits for many clients to help reduce costs through proper performance tuning. Her other activities have included authoring articles and white papers and presenting at user

group meetings. She is an IBM Gold Consultant for DB2 and z/Series, and has authored the *"IBM DB2 for z/OS V8 DBA Certification Guide"*, *"DB2 for z/OS V7 Application Programming Certification Guide"* and *"DB2 9 for z/OS DBA Certification Guide"*. She is also the co-author of several DB2 books including *"DB2 High Performance Design and Tuning"* and *"DB2 Answers"*.

Remember that pre-registration will be accepted through 12:00 Noon, November 3, 2008 on a first in, first out (FIFO) basis. You may pre-register by email to 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.

Hope to see you at the November quarterly meeting!

Chairman's Corner
By Michael James

It is fall in Cleveland. The leaves aren't falling quite yet, thankfully, and there is not any snow either. The Indians ended up in third place and will be watching the World Series just like the rest of us. Now all we can do is root for Manny Ramirez and Casey Blake!

The Cavs have pulled off another coup: after trading for Delonte West, Ben Wallace and Wally Szczerbiak last year, Mo Williams brings a new and exciting wrinkle to the Eastern Conference as they drive for an NBA championship. LeBron is back with a bunch of guys that will make this year REAL interesting.

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 1–3 after last year? Are we looking at a .500 season? 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 6, 2008.

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 elections will be held at November's meeting as well. This is where you decide if the coaching staff changes. Here's how the board election will proceed:

o   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 2009.

o   The Board of Trustees will elect officers at the December Board meeting.

The make up of your Board of Trustees may change in 2009. 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, 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 relational 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** 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. We are proud to announce that NEODBUG is now recognized as a not-for-profit organization by the Internal Revenue Service. This will save us about $2500 over the course of the year in sales taxes that we avoid paying. The Board further decided our plan for 2009:

o **We will be holding the corporate membership fees to $150 for early membership registration and $175 for late membership registration.**

o **We will again offer a special educational meeting in February or March of 2009. 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 our member companies. We are trying to keep the cost at $225 per registrant, a real bargain. We will have more information for you via email, after the beginning of the year.**

o **Our quarterly meeting fees will remain $40.00 pre-registration or $50.00 at the door, if your company is a member of NEODBUG, and $50.00 pre-registration or $60.00 at the door, if not. These discounts really add up, so convince your boss to approve your company's NEODBUG membership, when the invoice arrives in January!**

o **We will continue to have quarterly meetings in May, August and November of 2009.**

o **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.**

o **We will continue to offer individual memberships, designed for consultants whose companies will not support joining the user group. The cost for these memberships will remain $35.**

o **For every fifth person attending our special education meeting from a member company, there will be a $40 discount.**

eNEODBUG

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 us at **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.

NEODBUG on the Web

Watch the website for announcements and copies of handouts for the meetings. You can find it at **www.neodbug.org**.

Remember to come and vote for your Board of Trustees and receive some great information. We'll see you there.

Michael James
Chairman

8:30 - 9:00	**Registration**
9:00 - 9:10	**Opening Remarks** - Michael James, NEODBUG Chairman
9:10 - 10:30	**"The Clones Have Landed – Watch Out!"** - Steen Rasmussen, Computer Associates
10:30 - 10:45	**Break**
10:45 - 12:00	**"Exploiting the Log's Many Possibilities"** - Steen Rasmussen, Computer Associates
12:00 - 1:00	**Lunch**
1:00 - 1:15	**NEODBUG business meeting/Board of Trustees election** - Michael James, NEODBUG Chairman
1:15 - 2:30	**"V8/V9 Application/Database Challenges and Solutions" Part 1** - Susan Lawson, YLA & Associates, Inc.
2:30 - 2:45	**Break**
2:45 - 4:00	**"V8/V9 Application/Database Challenges and Solutions" Part 2** - Susan Lawson, YLA & Associates, Inc.
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

Upcoming Database Events

Date	Organization	City
11/10-11/2008	International DB2 Users Group (IDUG) Regional Forum - N. California	San Ramon, CA
11/16-20/2008	Computer Associates (CA) World	Las Vegas, NV
11/17-18/2008	IDUG Regional Forum - Central Pennsylvania	Camp Hill, PA
11/17-18/2008	The Data Warehouse Institute (TDWI) European Conference	Amsterdam, Netherlands
11/18-21/2008	Professional Association for SQL Server (PASS) Community Summit 2008	Seattle, WA
11/19-20/2009	IDUG Regional Forum - Kansas City	Lenexa, KS
02-03/2009	Northeast Ohio Database Users Group (NEODBUG) Educational Meeting	TBD
02/22-27/2009	TDWI World Conference - Winter 2009	Las Vegas, NV
03/10-12/2009	Oracle Open World - Latin America	TBD
03/18-20/2009	IDUG 2009 - Australasia	Melbourne, Australia
04/22-24/2009	Oracle Open World - Asia	Tokyo, Japan
05/2009	NEODBUG Quarterly Meeting	TBD
05/03-08/2009	TDWI World Conference - Spring 2009	Chicago, IL
05/11-15/2009	IDUG 2009 - North America	Denver, CO
08/2009	NEODBUG Quarterly Meeting	TBD

Registration Form

NEODBUG Quarterly Meeting
THURSDAY, November 6, 2008 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: $40.00 pre-registration or $50.00 at the door.
If your company is not a member of NEODBUG: $50.00 pre-registration or $60.00 at the door.

Yes, I will be attending the quarterly 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 to notify us of your intent to attend, then postal mail this form and your check (payable to NEODBUG) no later than November 3, 2008, to:

NEODBUG
c/o S&P Solutions
35000 Chardon Rd. Suite 110
Cleveland, OH 44094