

NEODBUG

E L E C T R O N I C

Newsletter of the Northeast Ohio Database Users Group

Rasmussen, Schlamb, Ebersole Stuff NEODBUG's November Program

For our final 2013 quarterly meeting, NEODBUG is bringing you a tasty, multi-course program to satisfy your database education needs, on Thursday, November 21 at the Crowne Plaza in Independence. Oh yeah, we'll serve lunch, too!

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Our first presenter will be **Steen Rasmussen of CA Technologies**, who will offer two topics for us: **"Temporal Tables and Data Versioning – Now and Before DB2 10"** and **"The Clones Have Landed – Watch Out!"**.

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In Steen's first presentation, you will get a deep dive into all the DDL changes needed in order to exploit DB2 V10 temporal tables as well as the limitations. A case study will be used to illustrate how the data is versioned and how the application needs to understand what to request in order to get the desired data. Finally, we look at which currently implemented solutions can be modified to use temporal tables instead.

In "The Clones Have Landed", Steen will describe the possibilities and limitations exploiting cloned tables in DB2 for z/OS. The SQL syntax and statements associated with cloned tables will be covered. Since some utilities operate at the table/index level and some operate on the tablespace level, the impact on each utility will be covered as well as new keywords and commands. Finally, DB2 catalog implications and new parameters will be covered.



Steen Rasmussen is a Senior Services Engineering Architect currently instrumental in the ongoing development and support of the CA Technologies DB2 solutions.

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. 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 since 1985 starting with Release 1.0. In addition to providing support for the CA teams in the field as well as internal groups working with DB2, Steen also is a frequent speaker at IDUG in North America, Europe/Middle East and Asia/Pacific as well as local DB2 user groups around the world. Steen last spoke to NEODBUG in November of 2008.

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After lunch and a short business meeting where our 2014 Board of Trustees will be elected, **Kelly Schlamb of IBM** will present the DB2 LUW topic **"Bad Things Happen to Good People: How to Minimize the Pain to the DBA"**.



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Register for the meeting at www.neodbug.org/2_1/register.html

In “Bad Things”, Kelly will discuss how to minimize the effects of both planned and unplanned outages in DB2 LUW systems, and what can be done to minimize any outage and what strategies are recommended to ensure the system gets back up and running ASAP. Objectives for this presentation include:

- What is an outage?
- Are 5 nines really good enough?
- What can be done to minimize the effect of an outage?
- Think recovery not backup when designing your backup strategy.
- Future directions



Kelly Schlamb has been a part of the DB2 for LUW team in the IBM Toronto Lab for over seventeen years, spending most of his career in the Kernel development group. He worked on various features, including leading the team that introduced Automatic Storage. He was also the technical lead & manager of the DB2 pureScale Recovery team, responsible for designing and implementing logging, backup/restore, crash recovery and rollforward for pureScale. Kelly is now a part of the Worldwide IBM Technical Sales Acceleration team where he is responsible for educating and assisting both IBMers and customers alike, helping them to be successful with DB2 pureScale.

We welcome Kelly to NEODBUG as a first-time speaker.

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Our final presenter for the November quarterly meeting will be **Randy Ebersole of IBM**, who will give us a “**DB2 11 for z/OS Technical Overview**”.

DB2 11 is the latest release of DB2 for z/OS. This release addresses many key customer requirements and this presentation will review the key features. The following areas will be covered:

- **Performance:** DB2 11 delivers out-of-the-box performance improvements that will benefit a wide range of customer workloads. There are also new performance features that can provide further benefits with some DBA or application work.
- **Reduced Management Costs:** DB2 11 provides several improvements to utilities and to system automation that reduces the time and effort required to manage DB2 systems and data bases. DB2 migration tasks are also made significantly easier in this release.
- **Reliability Availability Serviceability (RAS) and Security:** DB2 11 extends the RAS and Security capabilities of System z. Enhancements that reduce downtime required to make some kinds of application and schema changes as well as extensions to DB2's logging architecture are discussed.
- **Extended SQL and Analytics Capabilities:** DB2 11 delivers several important SQL and XML enhancements, along with providing new capabilities for JSON and for connecting to Big Data.



Randy Ebersole is a Senior Certified IT Specialist in IBM's Information Management DB2 for z/OS Lab Services organization. Randy provides onsite technical consulting to customers around the world. With over 28 years of practical, hands on DB2 experience, Randy has expert level skills in database and application design, DB2 system and application performance and high availability.

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So join NEODBUG on November 21 at the Crowne Plaza in Independence—we promise that you'll be stuffed with good database information—and maybe even have pumpkin pie for dessert at lunch!

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 Indians managed to finish one game out of first place (and will be watching the World Series just like the rest of us). The good news is the Indian manager is someone that actually wants to be here. We will see next year, again. The Cavs have a bunch of guys that will make this year REAL interesting (watch Anthony Bennett). The Browns—are we looking at a .500 season? It would be a great improvement. Oh yeah, NEODBUG is going to hold its November quarterly meeting on Thursday, November 21, 2013.

NEODBUG Business: Along with the usual highly informative content of our meeting, the NEODBUG business meeting and board elections will be held at November's meeting. 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 database technical issues. Be sure to talk to any of the Board Members about your suggestions during the meeting, write your suggestions down on the evaluation form that is distributed during the meeting or email us at info@neodbug.org to share your thoughts—we really read them!

2014: We will be holding the corporate membership fees to \$150/\$175 for early/late membership registration. Your company representative should receive a membership invoice via email in January. 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 at \$35.

We will continue to offer the ability to prepay 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.

Our quarterly meeting fees will remain \$20/\$30 in advance/at-the-door if your company is a member of NEODBUG, \$30/\$40 in advance/at-the-door if not.

We will again offer a special education meeting in February or March of 2014. As in the past ten 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. We are trying to keep the cost at \$199. For every fifth person attending our special education meeting from a member company, there will be a \$20 discount towards the registration fee. We will have more information after the beginning of the year.

Help us: 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 info@neodbug.org.

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—there is nothing like a "real world" experience. Your company will receive additional FREE admissions to the meeting and the exposure to what is going on in your organization. It is free advertising!

Quarterly meeting: This quarter's program is awesome! The agenda committee has developed another incredible program—see our "cover story" for details.

Remember that preregistration will be accepted through 12:00 Noon, November 12, 2014. Your registration is confirmed with your payment.

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

Michael James
Chairman

Register for the meeting at www.neodbug.org/2_1/register.html

NEODBUG Treasurer's Report

Here are the financials for NEODBUG as of October 2nd, 2013.

ASSETS

Checking Account	\$ 7,108.08
Money Market Account	\$ 7,550.12
Total Assets	\$14,658.20

LIABILITIES

Membership Prepayment	\$ 120.00
Total Liabilities	\$ 120.00

NET WORTH **\$14,538.20**

We had a very good turnout for the August 15th meeting with forty-eight paid attendees from twelve companies.

The following companies/individuals have sent in their corporate or individual memberships. If you don't see your company name, you will have to pay the higher, non-membership registration fees at the upcoming quarterly meeting. Those companies that prepaid to send members to NEODBUG meetings have the number of remaining coupons next to their names. The coupons expire 12/31/2013:

Companies/ Individuals that have paid memberships:

BMC Software	(2 Coupons left)
Diebold	(3 Coupons left)
Erie Insurance	(1 Coupon left)
Jim Szabo	
Key Bank	
Medical Mutual	
Parker Hannifin	
Phil Sherman	
Progressive Insurance	
Sherwin Williams	
Westfield Insurance	

Al Solnick,
Treasurer

Register for the meeting at www.neodbug.org/2_1/register.html

Upcoming Database Events

DATE	EVENT/LOCATION/ORGANIZATION WEBSITE
11/03-07/2013	IBM Information On Demand—Las Vegas, NV www.ibm.com
11/05/2013	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
11/11-12/2013	Percona Live MySQL Conference—London, UK www.percona.com/live/conferences
11/15/2013	Northeast Ohio Oracle Users Group (NEOOUG) business meeting—Independence, OH www.neooug.org
11/19/2013	Central Ohio DB2 Users Group meeting—Dublin, OH www.codug.org
11/21/2013	NEODBUG quarterly meeting—Independence, OH www.neodbug.org
11/29-30/2013	NoSQL Matters—Barcelona, Spain 2013.nosql-matters.org/bcn/
12/03/2013	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
12/08-13/2013	The Data Warehouse Institute (TDWI) World Conference: Emerging Technologies 2014—Orlando, FL www.tdwi.org
1Q/2014	NEODBUG special education event—Independence, OH www.neodbug.org
01/07/2014	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
01/24/2014	NEOOUG business meeting—Cleveland, OH www.neooug.org
02/04/2014	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
03/04/2014	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
03/09/2014	SHARE in Anaheim—Anaheim, CA www.share.org
03/28/2014	NEOOUG business meeting—Independence, OH www.neooug.org
04/01/2014	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
04/07-11/2014	COLLABORATE 14—Las Vegas, NV (Independent Oracle Users Group) (Oracle Applications Users Group) www.ioug.org www.oaug.org
05/2014	NEODBUG quarterly meeting—Independence, OH www.neodbug.org
05/06/2014	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
05/07-09/2014	Professional Association for SQL Server (PASS) Business Analytics Conference—San Jose, CA www.sqlpass.org
05/12-14/2014	Great Lakes Oracle Conference—Cleveland, OH www.neooug.org
05-12-15/2014	Microsoft TechEd North America 2014—Houston, TX northamerica.msteched.com
05/12-16/2014	International DB2 Users Group (IDUG) DB2 Tech Conference—Phoenix, AZ www.idug.org
06/03/2014	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
09/29-10/02/2014	Oracle OpenWorld—San Francisco, CA www.oracle.com
11/09-14/2014	IDUG DB2 Tech Conference—Prague, Czech Republic www.idug.org

Register for the meeting at www.neodbug.org/2_1/register.html