NEODBUG
ELECTRONIC

Newsletter of the Northeast Ohio Database Users Group

April Showers Brings May Quarterly Meeting

Most agree that Northeast Ohio has been through one of its worst winters on record—it doesn't seem like we were ever able to string three days of decent weather together before we got hit with some meteorological salvo. Even our April is better off forgotten.

We can only hope that the old adage "April showers brings May flowers" will hold true.

When it comes to NEODBUG, our flowers are already blooming, with an exciting educational program on **Thursday, May 22, 2014** at the Crowne Plaza Hotel and Conference Center in Independence.

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Our first speaker of the day will be **Ken McDonald of BMC Software**. Ken's first presentation is called *"Recent Changes in DB2 for z/OS Logging"*.

How well DB2 handles log data can be a critical factor in maximizing performance, particularly in a high transaction rate environment. There have been a number of changes in the area of logging over recent DB2 releases. Some of these have been obvious improvements such as the ability to use DFSMS striping for active log datasets, but there have been logging implications in some other changes such as the introduction of Reordered Row Format. However, many sites I visit have not really investigated these changes in any detail and the impact they might have on their operations. This presentation provides an update on changes to how DB2 manages logging updates and some useful hints and tips you will be able to take away and use to review your logging environment.

Ken's second presentation is amusingly called *"DB2 11 Expanded RBA/LRSN – Does This Bit Make My Tail Look Big?"*.

DB2 has had a 6 byte RBA since the beginning and a 6 byte LRSN since DB2 Version 4. IBM is introducing the ability to optionally expand the RBA and LRSN to 10 bytes in DB2 11. This change will have fairly far reaching implications on many DB2 structures that have carried a 6 byte RBA since the beginning over 30 years ago. This presentation will raise some of those implications by discussing where RBA values currently reside in the DB2 universe. Given a DB2 11 GA announcement, more details of new formats will be provided. The source of the presentation title? Every page on a DB2 object, both table and index spaces, ends in a structure called PGTAIL. In the expanded world, this becomes PGBIGTAIL.

Ken McDonald joined BMC Software in 1994 as a developer on RECOVER PLUS

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www.neodbug.org
info@neodbug.org

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

for DB2. He then moved to development on Log Master for DB2 version 1 and ultimately became the Product Architect for Log Master and the High-speed Apply Engine. Other development work included the Log Apply feature of CONCURRENT REORG. Ken is currently the Solution Architect for DB2 Recovery Management Solution. Prior to BMC, Ken spent almost 11 years at EDS, first as an application programmer (health industry), became a database systems programmer supporting DB2, IMS, and IDMS, and then transitioned to be an MVS systems programmer.

This is Ken's first presentations for NEODBUG.

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After lunch, David Simpson of Themis returns to NEODBUG to present a double session on *"DB2 for z/OS - SQL for the 21st Century: Overlooked Enhancements"*.

Are you still coding like it's the 1990s? This session will cover some overlooked SQL enhancements in the latest releases of DB2 with a special focus on features that have been most useful in real DB2 environments.

- Online Analytical Processing (OLAP) Built-in Functions
- Overview of Grouping
- Ranking and Row Numbering
- Moving Aggregates
- Aggregation Partitioning
- Grouping Sets, Rollup & Cube
- Common Table Expressions
- Multiple Levels of Aggregation
- Recursive SQL
- MERGE Statement
- SELECT FROM Insert/Update/Delete/Merge
- DB2 11 Preview of SQL Enhancements

David Simpson is currently a senior technical advisor at Themis Inc. He teaches courses on SQL, application programming, database administration as well as optimization, performance and tuning. He also installs and maintains the database systems used for training at Themis. Since 1993, David has worked as a developer and DBA in support of very large transactional and business intelligence systems. David is a certified DB2 DBA on both z/OS and LUW. David was voted Best User Speaker and Best Overall Speaker at IDUG North America 2006. He was also voted Best User Speaker at IDUG Europe 2006 and is a member of the IDUG Speakers Hall of Fame.
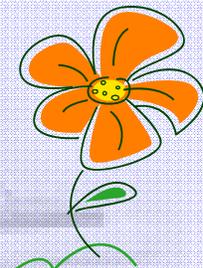
www.linkedin.com

David last presented for NEODBUG in March, 2012.

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We're getting this newsletter to you with less time to sign up than normal (three weeks as of this writing). So it's incumbent upon you to get your internal company approvals so you can sign up as soon as possible! Use the red link on any newsletter page to access the registration form on our website. Remember (and remind your boss) that this meeting only costs $20-30 if you register in advance.

Hope to see you on Thursday, May 22!

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

The Cavaliers are in the draft lottery again—sound familiar? The Indians are losing again because of their pitching, offense and defense. Hmmmm. Then there are the Browns, waiting to draft with the fourth pick and nine more! New coach, GM and front office—we'll have to wait & see.

Well, the weather was not a *serious* factor for the March special education event. [except for Bonnie Baker—see the article elsewhere. Ed.] The meeting was viewed by all as another success; attendance was very good. Many thanks to the folks at Progressive Insurance for allowing us to use their great new training facility at The Discovery Center (Studio 96) and for coordinating remote attendance from their other location in Colorado. NEODBUG covered our expenses (plus a little more) by providing this class which will allow us to keep our meeting prices low. It also confirms that we are able to provide meaningful education to Northeast Ohio's database community. We will continue to provide very good education. The feedback on Bonnie Baker's presentation was excellent. Thanks to our agenda committee and especially Bob Vargo of Progressive for their efforts to arrange this class.

We are now in our 23st year—amazing! I keep coming back to the fact that some things do NOT change with age. NEODBUG has positioned itself as a multifaceted organization by being flexible and willing to change/evolve to better fulfill the needs of the core database community. Managed change is good and we plan to keep evolving, just as the database community changes. We cannot do this without your input. Our challenge is to allow this evolution while not forgetting the main focus of this organization: database. It helps us to make sure that we are meeting your needs for database education. Keep up the flow of suggestions/comments on your evaluation sheets and through the info@neodbug.com email address or email to board members.

For May, the date of the meeting is May 22 and the location is back at the Crowne Plaza Hotel and Conference Center in Independence. Our agenda committee has arranged for presentations that I am sure you will find as informative as usual (see the cover story in this newsletter). Thanks to the diligence of Bob Vargo and Kirk Bailey of Maverick Direct for all of their hard work in putting this meeting together.

We are making plans for our August meeting and will send out an announcement when everything is finalized.

In November, as we have done for the past several years, we're looking to bring in at least one nationally-known speaker. We'll let you know about the complete program, as it becomes available. As always, this meeting will include a business meeting to elect Trustees for next year.

IDUG

Don't forget the 2014 IDUG DB2 Tech Conference will be held May 12—16 in Phoenix, AZ. Find the answers you need at the premier user-driven training and networking conference for DB2, Informix, and IMS information management professionals. For more information about the conference, visit www.idug.org.

Finally

Normally May is a little early to play golf, not baseball, but since this is Cleveland, it is going to rain or snow anyway so you might as well attend this informative event! Oh yeah, go Tribe! And draft well, Mr. Farmer.

I look forward to seeing all of you at the meeting. Remember it will be held at the Crowne Plaza Hotel and Conference Center in Independence.

Michael P. James
Chairman

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

Here are the current financials for NEODBUG as of April 5, 2014.

ASSETS

Checking Account	$ 6,976.92	
Money Market Account	$ 7,552.00	
Total Assets		$14,528.92

LIABILITIES

Membership Prepayment	$ 120.00	
Total Liabilities		$ 120.00

NET WORTH $14,408.92

We had outstanding turnout for the March 13, special education event with Bonnie Baker with one hundred and nineteen paid attendees from fourteen 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 12/31/2014:

Erie Insurance	(3 Coupons left)
Key Bank	
Parker	
Sherwin Williams	(3 Coupons left)
Westfield Insurance	

Al Solnick, Treasurer

Bonnie Baker the Trooper, Part 2

Last issue's NEODBUG newsletter chronicled the ordeal that Bonnie Baker went through to battle a snowstorm on her way to our 2007 special education event. We called her "a trooper" for her dedication.

Well, it happened again.

Bonnie's appearance at our March 13, 2014 event was put in jeopardy when a winter storm hit the eastern half of the United States.

Ms. Baker made it from her Florida home to Atlanta on March 12, but her connecting flight to Cleveland was cancelled. She eventually found a flight from Atlanta to Columbus, rented a car and drove to Cleveland, arriving at 1AM on March 13.

Bonnie is retiring this year and we at NEODBUG wanted to give her a memento of her visits to Cleveland, but we didn't know how appropriate it would be for both 2007 <u>and</u> 2014! We hope she enjoys the snow globe.

Thank you, Bonnie, for educating us and being so committed—you are "a trooper"!

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Upcoming Database Events

DATE	EVENT/LOCATION/ORGANIZATION WEBSITE
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
05/20-22/2014	DB2 Symposium—Veldhoven, The Netherlands www.db2-symposium.com
05/22/2014	Northeast Ohio Database Users Group (NEODBUG) quarterly meeting—Independence, OH www.neodbug.org
05/28/2014	The Data Warehouse Institute (TDWI) Solution Spotlight on Big Data Analytics—Cleveland, OH www.tdwi.org
06/03/2014	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
07/01/2014	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
07/20-25/2014	TDWI World Conference: Evolving Your Analytics Infrastructure From DW to Big Data—Boston, MA www.tdwi.org
07/22-23/2014	OAUG Connection Point—AppsTech—Pittsburgh, PA www.oaug.org
08/03-08/2014	SHARE in Pittsburgh—Pittsburgh, PA www.share.org
08/04-06/2014	TDWI Seminar Series: Big Data—Columbus, OH www.tdwi.org
08/05/2014	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
08/21/2014	NEODBUG quarterly meeting—Independence, OH www.neodbug.org
09/02/2014	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
09/10-12/2014	IDUG DB2 Tech Conference—Sydney, Australia www.idug.org
09/26/2014	NEOOUG business meeting—Independence, OH www.neooug.org
09/28-10/02/2014	Oracle OpenWorld—San Francisco, CA www.oracle.com
10/07/2014	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
10/26-30/2014	IBM Insight 2014 (formerly Information On Demand)—Las Vegas, NV www.ibm.com
11/04/2014	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
11/09-14/2014	IDUG DB2 Tech Conference—Prague, Czech Republic www.idug.org
11/20/2014	NEODBUG quarterly meeting—Independence, OH www.neodbug.org
11/28/2014	NEOOUG business meeting—Independence, OH www.neooug.org
12/02/2014	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
12/07-12/2014	TDWI World Conference: Emerging Technologies 2015—Orlando, FL www.tdwi.org

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

DATE	EVENT/LOCATION/ORGANIZATION WEBSITE
01/23/2015	NEOOUG business meeting—Independence, OH www.neooug.org
03/01-06/2015	SHARE in Seattle—Seattle, WA www.share.org
04/12-16/2015	COLLABORATE 15—Las Vegas, NV (Independent Oracle Users Group—IOUG) (Oracle Applications Users Group—OAUG) www.ioug.org www.oaug.org

DB2 Websites/Blogs You Need to Visit

(from "DB2 News", www.kbce.com)

developerWorks

This IBM website is so much more than just a blog. It is a complete social network where you can participate on forums and read blog from developers, consultants and users. Enjoy! No, even better... participate!

www.ibm.com/developerworks/data/

db2Dean

db2Dean a.k.a. Dean Compher a.k.a "The Dean of DB2" is here to answer your DB2 questions! That's what it says on Dean Compher's blog and we must admit that it is packed with good information. Go check it out!

www.db2dean.com/

Confessions of a DB2 Geek - Triton Consulting

Favorite topics here are all things DB2 with a special love for DB2 performance tuning, DB2 10.5 LUW, DB2 11 z/OS, flying helicopters, canoeing and travel. It is run by Triton's DB2 geeks. You can ask them anything DB2!

db2geek.triton.co.uk/

Susan Visser

Build your skill on Information Management: books, certifications, tutorials, and more. Susan's blog is the most viewed IBM blog on DB2 and related topics! Find out what's happening with Information Management, DB2, InfoSphere, warehouse with this blog.

www.ibm.com/developerworks/community/blogs/SusanVisser

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