NEODBUG
ELECTRONIC

Newsletter of the Northeast Ohio Database Users Group

April Showers Bring DB2 Quarterly Meeting Thursday, May 21

As I write this, it's raining outside. The flat of pansies sits in the rain, getting a shower before their weekend planting. Except if it snows!

The old adage "April showers bring May flowers" expresses both the uncertainty of "the cruelest month" and the anticipation of the month when a young man's (and woman's) fancy turns to thoughts of—the next NEODBUG quarterly meeting! (sorry)

That meeting will be on *Thursday, May 21* at the Crowne Plaza Hotel and Conference Center in Independence, Ohio.

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We are pleased to welcome two speakers for the day: *Jim Dee of BMC* and *Charles Lewis of IBM*.

Jim is speaking to NEODBUG for the first time. His two morning presentations are *Stop Wasting Time with Utilities!* and *EXPLAIN Yourself and Improve DB2 Performance!*

What is the ideal frequency of execution for most utilities? Jim will start by discussing the answer to that question and then move on to how to implement a strategy to achieve it. The focus will be on RE-ORG, COPY, and RUNSTATS, but we will glance at UNLOAD and LOAD also. Hint: the answer is automation.

Are you getting the most out of EXPLAIN, and are you doing everything you can to help the DB2 optimizer do its job? This presentation helps you answer these questions. IBM has made many enhancements to the EXPLAIN command and parts of DB2 around it, in DB2 10 and 11. Jim's second presentation goes into some of these changes and how you can take advantage of them to help the DB2 optimizer and get the best performance out of your DB2 applications.

Jim Dee is a Corporate Architect in the Data Management organization in R&D at BMC Software. He is responsible for the technical content and integration of the DB2 for z/OS product lines. He has worked at BMC since 1990, mostly in DB2 Backup and Recovery, as a developer, product author, and architect, and has held his current position as Chief Architect since 2007. Prior to joining BMC Software, Jim worked at various employers in the IT industry for 16 years. He worked as an application developer, systems programmer, DBA, and vendor developer. Jim has a B.A in Mathematics with a minor in Computer Science from Queen's University in Kingston, Ontario.

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After lunch, we welcome Charles Lewis back to NEODBUG, but we doubt he remembers that he last spoke to us back in 2003! His two presentations are *DB2 11 Migration Overview* and *Application-enabling Features of DB2 10 and 11 for z/OS*.

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www.neodbug.org
info@neodbug.org

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

In his first presentation, Charles will discuss the things to look for in DB2 11 migration planning.

The value of an organization's data assets relate to the value of the applications that access the data. Data powers applications, and applications power organizational performance. In Charles' second presentation, you learn about recent DB2 for z/OS features that enable efficient and agile development of new applications. Topics to be covered include new analytics capabilities, temporal data enhancements, new SQL Procedure Language features, advances in large object management, enhanced XML support and integration with Hadoop-managed data.

Charles Lewis is a Sr. Certified DB2 Advisor for System z with IBM's Mid-Atlantic technical sales team. He has broad experience as an application developer and database consultant with more than 36 years of IBM experience. He has worked extensively in DB2 application design, capacity planning and performance tuning. In his current assignment he consults with and supports IBM clients implementing currently supported versions of DB2 for z/OS.

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We leave you with one fact about the month of May that blew our mind: <u>in any given year, no month ever begins or ends on the same day of the week as May does</u>. Example: May 1 this year is a Friday and the last day of May is a Sunday. No other 2015 month begins on a Friday or ends on a Sunday. And it's true every year—check your perpetual calendars!

So join us "in the merry month of May" - May 21, 2015, when NEODBUG holds their next quarterly meeting—sign up using the link at the bottom of any newsletter page.

Meeting Agenda

NEODBUG AGENDA

THURSDAY May 21, 2015

For the consideration of all, please silence phones and laptops - thank you!

8:30 - 9:00	Registration	
9:00 - 9:15	Opening Remarks	Michael James NEODBUG Chairman
9:15 - 10:30	Stop Wasting Time with Utilities!	Jim Dee BMC Software
10:30 - 10:45	Break	
10:45 - 12:00	EXPLAIN Yourself and Improve DB2 Performance!	Jim Dee BMC Software
12:00 - 1:00	Lunch/Networking	
1:00 - 3:00	DB2 11 Migration Overview	Charles Lewis IBM
3:00 - 3:15	Break	
3:15 - 4:45	Application-enabling Features of DB2 10 and 11 for z/OS	Charles Lewis IBM
4:45 - 5:00	Closing Remarks	Michael James NEODBUG Chairman

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The Cavaliers are in the PLAYOFFS 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 12th pick 19th and eight more! Second year 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. 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 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 Susan Lawson'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 24st 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 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.org email address or email to board members.

For May, the date of the meeting is May 21 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 2015 IDUG DB2 Tech Conference will be held May 4—8 in Philadelphia, PA. 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.

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

NEODBUG QUARTERLY MEETINGS FOR 2015:

THURSDAY, MAY 21, 2015

THURSDAY, AUGUST 20, 2015

THURSDAY, NOVEMBER 19, 2015

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

NEODBUG Treasurer's Report

Here are the current financials for NEODBUG as of April 8, 2015.

ASSETS

PayPal	$ 3,169.23
Checking Account	$ 6,742.30
Money Market Account	$ 7,555.77
Total Assets	$17,467.30

LIABILITIES

Membership Prepayment	$ 180.00
Total Liabilities	$ 180.00

NET WORTH $17,287.30

We had an outstanding turnout for the March 24 special education event with Susan Lawson, with one hundred and twelve paid attendees from eight 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 12/31/2015.

Companies/ Individuals that have paid memberships:

Allstate Insurance
Erie Insurance   (3 Coupons left)
James Szabo
Key Bank
Medical Mutual   (3 Coupons left)
Westfield Insurance   (3 Coupons left)

Al Solnick
Treasurer

Know Your Databases?

The website **www.db-engines.com** lists the following top twenty "databases" in world-wide popularity (listed alphabetically):

* **Relational DBMS**: DB2, FileMaker, Hive, Informix, Microsoft Access, Microsoft SQL Server, MySQL, Oracle, PostgreSQL, SAP Adaptive Server, SQLite, Teradata

* **Document Store**: MongoDB

* **Wide Column Store**: Cassandra, HBase

* **Key-Value Store**: Memcached, Redis

* **Search Engine**: Elasticsearch, Solr, Splunk

How many of these "databases" have you heard of/worked with?

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Upcoming Database Events

DATE	EVENT/LOCATION/ORGANIZATION WEBSITE
04/26-28/2015	Big Data Techcon—Boston, MA www.bigdatatechcon.com
05/03-08/2015	The Data Warehouse Institute (TDWI) Conference—Chicago, IL www.tdwi.org
05/04-08/2015	International DB2 Users Group (IDUG) DB2 Tech Conference—Philadelphia, PA www.idug.org
05/05/2015	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
05/19-20/2015	Northeast Ohio Oracle Users Group (NEOOUG) Great Lakes Oracle Conference—Cleveland, OH www.neooug.org
05/21/2015	Northeast Ohio Database Users Group (NEODBUG) quarterly meeting—Crowne Plaza, Independence, OH www.neodbug.org
06/02/2015	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
06/08-12/2015	Data Governance & Information Quality Conference—San Diego, CA www.debtechint.com/dgiq2015
07/07/2015	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
07/26-31/2015	TDWI Conference—Boston, MA www.tdwi.org
08/04/2015	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
08/09-14/2015	SHARE in Orlando—Orlando, FL www.share.org
08/18-20/2015	NoSQL Now Conference—San Jose, CA www.nosqlnow.com
08/20/2015	NEODBUG quarterly meeting—Crowne Plaza, Independence, OH www.neodbug.org
09/01/2015	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
09/15-18/2015	IDUG DB2 Tech Conference—Melbourne, Australia www.idug.org
09/16-18/2015	PostgreSQL Open—Dallas, TX 2015.postgresopen.org
09/18/2015	NEOOUG business meeting—Independence, OH www.neooug.org
09/20-25/2015	TDWI Conference—San Diego, CA www.tdwi.org
10/6/2015	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
10/26-29/2015	IBM Insight 2015 (formerly Information On Demand)—Las Vegas, NV www.ibm.com
10/27-30/2015	Professional Association for SQL Server (PASS) Summit—Seattle, WA www.sqlpass.org
11/3/2015	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
11/13/2015	NEOOUG business meeting—Independence, OH www.neooug.org
11/15-20/2015	IDUG DB2 Tech Conference—Dublin, Ireland www.idug.org
11/19/2015	NEODBUG quarterly meeting—Crowne Plaza, Independence, OH www.neodbug.org
12/1/2015	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
12/6-11/2015	TDWI Conference—Orlando, FL www.tdwi.org

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