NEODBUG
E L E C T R O N I C

Newsletter of the Northeast Ohio Database Users Group

Hot Enough for You? So is NEODBUG's August 16 Meeting!

In the midst of the desert known as Northeast Ohio's summer, there's an oasis ahead: it's NEODBUG's August 16 quarterly meeting!   This meeting will allow you to "cool it" with useful information on DB2 on the z/OS and LUW platforms.

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One of our August 16 speakers will be *Burt Vialpando of IBM*, who will speak on the topic *"DB2 10.1 New Features and Enhancements "*.

Burt's presentation focuses on the latest version of DB2 for the Linux/Unix/Windows platform. His talk will touch on the following points:

DB2 10.1 New Features

- Temporal Data Management and Time Travel Query
- Multi Temperature Storage Support
- Ingest Utility
- Row and Column Access Control (RCAC)
- Usage List
- Insert Time Clustering Tables
- Zigzag Join

DB2 10.1 Existing Feature Enhancements

- Deep Compression Enhancements
- Workload Manager Enhancements
- Event Monitor Enhancements
- Oracle Compatibility Enhancements
- Autonomic Computing Enhancements
- Multi-core parallelism and parallel index scan
- pureScale Enhancements
- HADR Enhancements
- Data Studio Enhancements

Burt Vialpando is an IBM Executive IT Specialist and has been an IBM employee since 1998, with professional database experience since 1984.   Burt is currently working for the IBM DB2 migration team performing pre-sales Oracle to DB2 migration support and is an author and presenter of a number of Proof of Technology assets. Burt holds numerous DB2, Oracle and other certifications, currently serves on the IBM IT Certification Board and is an IBM Plateau Level I Inventor.

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www.neodbug.org
info@neodbug.org

IN THIS ISSUE

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

We are also pleased to present *Donna Di Carlo of BMC*, who will give us two exciting talks: *"INLINE LOBs—Dare We Go There?"* and *"DB2 10 Hash Access: Access Path or Collision Course?"*.

INLINE LOBs - Dare We Go There?

You have been working with LOBs for a while now, but V10 has more opportunities to streamline your LOB processing. What is up with this new INLINE LOB thing? How will it affect your processing? Is it worth messing with? This presentation will explain the structure of LOBs, discuss the benefits of using the new INLINE syntax, and give you a heads up on how they may impact your processing. I will also talk about the new DB2 10 options for processing LOB.

- Understand how to implement INLINE LOBs
- Learn how they are registered in the catalog and the new ZPARM works
- Understand how INLINE LOBs work differently than regular LOBs
- Learn about new DB2 10 features for LOBs and how they affect your processing
- Learn how your data effects DEFINE NO and auxiliary tablespaces

DB2 10 Hash Access: Access Path or Collision Course?

Hash Access is a new DB2 10 access path which could reduce the number of GETPAGE requests for a random access. But not all table spaces are candidates for this new feature. This presentation will cover the internals of hash organization and compare it to the index and table structures we are all used to. Then, we will discuss tips on how to determine which table spaces are good candidates and provide some rules of thumb on how to best define your hashing structures. We will also look at some performance statistics.

- An introduction to the new DB2 10 Hash Access
- See how a hashed table and index are physically organized
- Determine if Hash Access is suitable for your application
- Some rules of thumb on how to define hashed tables and indexes
- What happens to performance when hashed objects are defined correctly; and worse, what happens when they are defined incorrectly

Donna Di Carlo has been in the software business for over thirty years. Her early days were devoted to performance tuning and capacity planning for the automotive industry. The last twenty years have been with BMC as a Lead Software Developer specializing in DB2 backup and recovery.

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So, our day will be filled with three hot—no, COLD—presentations, and that may complete the program. However, our Program Committee is negotiating with a Mysterious Special Member Speaker who we hope will agree to present a talk for us. If (MS)[2] agrees to speak, we will let you know via an email blast. Either way, our program (and the hotel's air conditioning) will be a great way to "beat the heat" and learn more about the DB2 database.

Thanks to BMC for sponsoring lunch at the meeting!

So join us on Thursday, August 16 at the Crowne Plaza Hotel in Independence. Register for the meeting by following the link shown below.

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

Chairman's Corner
By Michael James

Imagine that it's July (all right, almost August). The Indians have been the surprise of the season and are looking to become buyers rather than sellers before the trading deadline. Quite a change from the past few years! The Cavaliers are trying to make a trade for Andrew Bynum (a stud center) from the Lakers. It will only cost us Andy Varajao and a few draft picks. What a deal?? It has been too hot to get out on the golf course lately and the grass is brown and lovely! The expectations for the Browns are a big question, as usual, especially the receiving corps. Training camp might even open on July 28th. Yeah, something to look forward to, again. Seems like it is a yearly event.

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At least we can look forward to NEODBUG holding our next quarterly meeting. It is on Thursday, August 16, 2012. It will be held at the Crowne Plaza Hotel – Independence. Even though we are in the "lazy days of summer," our agenda committee has not been laying around getting a tan (or maybe they have). They did another spectacular job of finding speakers for the meeting with some VERY interesting topics. See the "cover story" of this newsletter for more information. Wear your summer/casual attire (shorts, golf shirts and sneakers) to the meeting—there's no need to be uncomfortable.

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I want to thank BMC Software, in advance, for sponsoring our lunch at this meeting. Vendor support is SO important to our ongoing success in providing educational offerings to you.

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I also want to remind you that we are coming up on our annual business meeting in November. This means the election of Trustees to the Board. It's not too early to start thinking about how you can be involved more in the leadership of this organization. We always need some new ideas and assistance with the duties of the Board.

Any member of NEODBUG may nominate him/herself by submitting a letter to the Board of Trustees with a statement of fifty words or less indicating relevant background. We will be accepting nominations at the August quarterly meeting. You may also nominate someone else by submitting his or her name, company name and phone number (if possible). They will be notified by a Board member of the nomination and asked is they have any interest in joining the Board of Trustees.

The current Board of Trustees will present to the membership a ballot listing all nominees and will conduct an election at the November quarterly meeting. The new Board of Trustees will then elect officers at the December Board meeting.

Join the NEODBUG Board of Trustees and have input into the kind of programs and events that are sponsored by the organization.

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...Now that I'm finally on the practice field with the 2012 Cleveland Browns. It is the first day of camp and we are still trying to get used to the new team members. I know Weeden will be the QB, but who are the receivers? No, I am the new rookie shooting guard for the Cavaliers, just beating out Dion Waiters for the position and I am looking to get the ball from Kyrie Irving and put it in the bucket. They just got me under the salary cap after the two restricted free agent signings at just over $25 a game. Oh my! I must be dreaming because they would never pay me THAT much…….. And the Indians are only 3 games out of FIRST place. Wow!

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Looking forward to seeing you all at the quarterly meeting August 16!

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 July 13, 2012.

ASSETS

Checking Account	$ 7.541.51
Money Market Account	$ 9,375.24
Total Assets	$ 16,916.75

LIABILITIES

Membership Prepayment	$ 240.00
Total Liabilities	$ 240.00

NET WORTH $ 16,676.75

We had a very good turnout for the May 10th quarterly meeting with forty-five paid attendees from seventeen 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 fee 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 12/31/2012:

Companies/Individuals that have paid memberships:

Advanced Software Products Group	
BMC	(2 coupons left)
Diebold	(3 coupons left)
Erie Insurance	(1 coupon left)
Jim Szabo	
Key Bank	
Medical Mutual of Ohio	(3 coupons left)
Michael James	
Parker Hannifin	
Phil Sherman	
Progressive Insurance	(3 coupons left)
Sherwin Williams	(2 coupons left)
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
07/29-08/03/2012	The Data Warehouse Institute (TDWI) World Conference: Big Data Tipping Point—San Diego, CA www.tdwi.org
08/07/2012	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
08/16/2012	Northeast Ohio Database Users Group (NEODBUG) quarterly meeting—Independence, OH www.neodbug.org
08/21-23/2012	NoSQL (Not only SQL) Now! - San Jose, CA nosql2012.dataversity.net
09/04/2012	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
09/13/2012	Data Governance Financial Services Conference—New York, NY www.debtechint.com/dg-financial2012/
09/16-21/2012	TDWI World Conference: Agile—Boston, MA www.tdwi.org
09/21/2012	Northeast Ohio Oracle Users Group (NEOOUG) business meeting—Independence, OH www.neooug.org
09/29-30/2012	MySQL Connect—San Francisco, CA www.oracle.com/mysqlconnect
09/29-10/04/2012	Oracle Open World—San Francisco, CA www.oracle.com/openworld
10/01-05/2012	IBM System z Technical University—Las Vegas, NV www.ibm.com
10/02/2012	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
10/21-25/2012	IBM Information On Demand—Las Vegas, NV www.ibm.com
10/29-11/01/2012	SharePoint Connections—Las Vegas, NV (DevConnections) devconnections.com
11/04-09/2012	IDUG DB2 Tech Conference—Berlin, Germany www.idug.org
11/06/2012	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
11/06-09/2012	Professional Association for SQL Server (PASS) Summit—Seattle, WA www.sqlpass.org
11/07-09/2012	Enterprise Architecture and Data Warehousing 2012 Featuring Bill Inmon—Washington, DC www.dmforum.org
11/11-16/2012	TDWI World Conference: Emerging Technologies 2013—Orlando, FL www.tdwi.org
11/15/2012	NEODBUG quarterly meeting—Independence, OH www.neodbug.org
11/16/2012	NEOOUG business meeting—Independence, OH www.neooug.org
12/04/2012	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
tba/2013	Microsoft TechEd North America 2013—New Orleans, LA northamerica.msteched.com
01/25/2013	NEOOUG business meeting—Independence, OH www.neooug.org
04/07-11/2013	COLLABORATE 13: Technology and Applications Forum for the Oracle Community—Denver, CO (Independent Oracle Users Group) (Oracle Applications Users Group) www.ioug.org www.oaug.org
04/22-25/2013	Percona Live MySQL Conference and Expo—Santa Clara, CA www.percona.com/live/mysql-conference-2013
04/29-05/03/2013	International DB2 Users Group (IDUG) DB2 Tech Conference—Orlando, FL www.idug.org

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