NEODBUG

E L E C T R O N I C

Newsletter of the Northeast Ohio Database Users Group

NEODBUG's the Cure for the Summertime Blues!

We are in the dog days of summer (not the Dawg days—see the "Chairman's Corner" for that!) and things tend to slow down, what with hot weather and erratic vacation schedules. But education (and NEODBUG's commitment to it) doesn't wane—we offer you an interesting quarterly meeting program on Thursday, August 15, 2013 at the Crowne Plaza Cleveland South in Independence.

Our first speaker of the day will be *Donna Di Carlo* of *BMC*. Donna will present two topics for us, the first of which is *An XML Document's Life – Dr. Node!!!*.

XML continues to be an emerging technology and more features are being added to DB2 to support it. So what's new with this XML data type?

Follow the adventures of 'Dr. Node', an XML document as he gets inserted into a DB2 table. Not only will you see how he is related to his parent row, but you will learn about his hierarchical tree structure and the catalog tables involved in supporting him. We will then put the parsed XML document under a microscope, and examine the actual data that is stored. You will also see how to use the new DB2 V10 XMLMODIFY commands to manipulate individual nodes within Dr. Node, and the effects of those commands. We will end with a discussion on XML indexes and demonstrate how to create indexes with the new DB2 10 DATE and TIMESTAMP data types.

Donna will follow up the XML discussion with a presentation called *To Include or Not Include? That is the Question*.

DB2 V10 introduced the ability to include non-key columns in a unique index, allowing index only access without affecting the unique key. That's great for the transaction benefiting from index only access, but what about the other transactions that access this index? Can they be negatively affected?

This talk will provide an overview of index include columns, look at storage requirements for the index include column, determine what queries will benefit from this feature, determine what queries may be negatively impacted by this feature and review EXPLAIN output and performance statistics to help you answer the question, "To include or not to include?".

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 Software as a lead software developer specializing in DB2 backup & recovery. Donna last spoke to NEODBUG in August, 2012.

After lunch, we are pleased to present a member company talk, with *Lori Zaremba* and *Tina Sullivan* of *Progressive* offering us *The Go-To List to be an AMAZING Developer*.

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www.neodbug.org
info@neodbug.org

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

Every developer wants to validate that the SQL they are creating is of the highest quality possible. They want the SQL to be clear and concise enough to be easily modified or debugged if necessary. We will share techniques to help them research DB2 issues and improve their SQL. We will present ten techniques to help the developer perform these tasks. Some of the topics include:

- Knowing how to read the DB2MSTR log to solve performance issues
- Understanding claims and drains
- Identifying the right lock settings
- Using real-time statistics (RTS)

You will also love the list of their favorite new features in V10. All of these helpful hints will advance your knowledge of SQL.

Lori Zaremba is a lead application developer/performance tester at Progressive, with seventeen years experience working with DB2 and four 4 years working with SQL Server.

Tina Sullivan is an application programmer developer, with twenty-five years experience in Progressive's Billing applications.

Lori and Tina are fresh off presenting this topic at the International DB2 Users Group (IDUG) North American conference in May of this year, where it was voted one of the top ten user presentations. Lori last spoke to NEODBUG in August of 2011. This is Tina's first time presenting to us.

So join us on August 15 for a stimulating day that will help you beat the summertime blues.

NEODBUG QUARTERLY MEETING
AUGUST 15, 2013
AGENDA

For the consideration of all, please set phones and laptops to "silent running" – thank you!

Time	Session	Presenter
8:30 - 9:00	Registration	
9:00 - 9:15	Opening Remarks	Michael James NEODBUG Chairman
9:15 - 10:30	An XML Document's Life – Dr. Node!!!	Donna Di Carlo BMC
10:30 - 10:45	Break	
10:45 - 12:00	To Include or Not Include? That is the Question	Donna Di Carlo BMC
12:00 - 1:15	Lunch/Networking	
1:15 – 2:30	The Go-to List to be an AMAZING Developer	Lori Zaremba & Tina Sullivan Progressive
2:30 - 2:45	Closing Remarks/Door Prizes	Michael James NEODBUG Chairman

Crowne Plaza Cleveland South - Independence
5300 Rockside Road
Independence, Ohio 44131
(216) 524-0700
www.crowneplaza.com/clevelandsouth

Registration fees:

$20—in advance, if your company is a NEODBUG member
$30—at-the-door, if your company is a NEODBUG member

$30—in advance, if your company is NOT a NEODBUG member
$40—at-the-door, if your company is NOT a NEODBUG member

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Imagine that it's July (all right, almost August). The Indians have been the surprise of the season, again, and are looking to become buyers rather than sellers before the trading deadline—quite a change from the past several years! The Cavaliers have signed Andrew Bynum (a stud center when healthy) from the 76ers—what a deal! It has been too hot to get out on the golf course lately and the grass is brown and lovely! And expectations for the Browns are a big question (as usual), with new ownership, coaches, and lots of new players. Training camp opens on July 26th—hope our rookies get signed in time to participate. Yeah, something to look forward to, again. Seems like it is a yearly event.

At least we can look forward to NEODBUG holding our next quarterly meeting. It is on Thursday, August 15, 2013. 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 August quarterly meeting with some VERY interesting topics. While I am at it, I want to thank BMC Software, in advance, for providing our morning speaker at this meeting. Vendor support is SO important to our ongoing success in providing educational offerings to you. In addition, two of our own, Lori Zaremba & Tina Sullivan of Progressive will present their award winning presentation recently given at the North American IDUG conference

Sounds like a full day of information that will prove to be of great use to all of us. 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. Here's how elections work:

Any member of NEODBUG may nominate him/herself by submitting a letter or email to the Board of Trustees with a statement of fifty (50) 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 their nomination and asked if they have any interest in joining the Board of Trustees.

At the November quarterly meeting, the current Board of Trustees will present to the membership a ballot listing all nominees and will conduct an election for the Board of Trustees for 2014.

The new Board of Trustees will 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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Wear your summer/casual attire (shorts, golf shirts and sneakers) to the August meeting. Especially if it is in the 90-degree range like it can be in August. There's no need to be uncomfortable. See you there!!!!

...Now I'm finally on the practice field with the 2013 Cleveland Browns. It is the first day of camp and we are still trying to get used to the new offense and defense, not to mention the new team members. Not sure who my teammates are going to be. 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 $28 a game. I must be dreaming because they would never pay me THAT much…….. And the Indians are only 1 1/2 games out of FIRST place. Wow!

Hurry up and register, because you want to be in the first row at the meeting-see you all there!

Michael P. James, Chairman

Here are the current financials for NEODBUG as of July 8th, 2013.

ASSETS

Checking Account	$ 9,051.18	
Money Market Account	$ 7,549.01	
Total Assets		$16,600.19

LIABILITIES

Membership Prepayment	$ 140.00	
Total Liabilities		$ 140.00

NET WORTH $16,460.19

We had a very good turnout for the May 16th meeting with fifty paid attendees from fourteen companies.

The following companies/individuals have sent in their corporate or individual memberships. If you don't see your company's 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	(1 coupon left)
Parker Hannifin	
Phil Sherman	
Progressive Insurance	
Sherwin Williams	
Westfield Insurance	

Al Solnick
Treasurer

Did You See the Cake?

A special guest at our May quarterly meeting was a birthday cake commemorating DB2's thirtieth anniversary—did you see it?

If you were there, hope you enjoyed the cake.

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

Upcoming Database Events

DATE	EVENT/LOCATION/ORGANIZATION WEBSITE
07/31/2013	Professional Association for SQL Server (PASS) - 24 hours of PASS—online www.sqlpass.org
08/06/2013	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
08/11-15/2013	SHARE in Boston—Boston, MA www.share.org
08/15/2013	NEODBUG quarterly meeting—Independence, OH www.neodbug.org
08/18-23/2013	TDWI World Conference: Agile BI—San Diego, CA www.tdwi.org
09/03/2013	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
09/11-13/2013	IDUG DB2 Tech Conference—Melbourne, Australia www.idug.org
09/16-18/2013	PostGres Open—Chicago, IL www.postgresopen.org
09/20/2013	NEOOUG business meeting—Independence, OH www.neooug.org
09/22-26/2013	Oracle OpenWorld—San Francisco, CA www.oracle.com
10/2013	SharePoint Connections—Las Vegas, NV (DevConnections) devconnections.com
10/01/2013	Ohio North SQL Server User Group—Independence, OH www.ohionorthsqlserverug.org
10/13-18/2013	IDUG DB2 Tech Conference—Barcelona, Spain www.idug.org
10/15-18/2013	PASS Summit—Charlotte, NC www.sqlpass.org
10/20-25/2013	TDWI World Conference: Business Driven BI—Boston, MA www.tdwi.org
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	NEOOUG business meeting—Independence, OH www.neooug.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	TDWI World Conference: Emerging Technologies 2014—Orlando, FL www.tdwi.org
01/24/2014	NEOOUG business meeting—Independence, OH www.neooug.org
03/09/2014	SHARE in Anaheim—Anaheim, CA www.share.org
04/07-09/2014	PASS Business Analytics Conference—San Jose, CA www.sqlpass.org
04/07-11/2014	COLLABORATE 14—Las Vegas, NV (Independent Oracle Users Group) (Oracle Applications Users Group) www.ioug.org www.oaug.org
05-12-15/2014	Microsoft TechEd North America 2014—Houston, TX northamerica.msteched.com
05/12-16/2014	IDUG DB2 Tech Conference—Phoenix, AZ www.idug.org

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