

NEODBUG

ELECTRONIC

Newsletter of the Northeast Ohio Database Users Group

Mullins, Sniezek to Speak at May NEODBUG Meeting at New Location



Our May 21 quarterly meeting will be held at a new location for us: the Sheraton Hotel Independence, 5300 Rockside Road. It's just west of the Rockside Road interchange of Interstate 77, and you turn left (south) at the first traffic light.

The Sheraton is only a three-tenths-of-a-mile from our long-time meeting location (DoubleTree Cleveland South), and don't worry, we'll have a NEODBUG Board member stationed at the Double-Tree to direct you to the Sheraton, in case your car automatically drives there!



April, 2009 issue
www.neodbug.org

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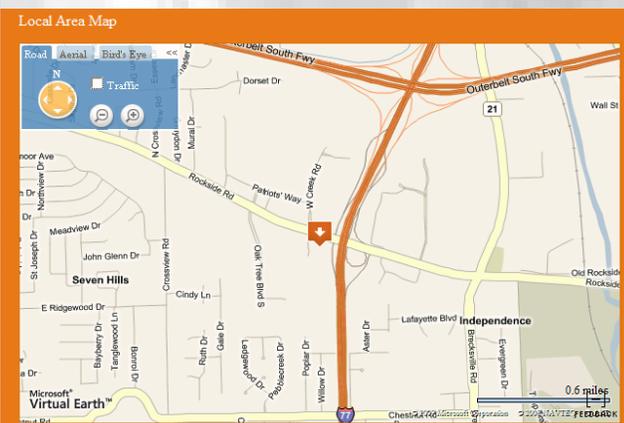
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We are pleased to present **Craig Mullins**, corporate technologist for NEON Enterprise Software and **Mike Sniezek**, data management brand manager at BMC Software as this meeting's speakers.

Mike starts our day with **"DB2 9 – XML and the Unprepared DBA"**. DB2 now has native XML - this is a major enhancement. XML has been around for a while and IBM has supported storage of XML in DB2 and IMS; other database vendors such as Oracle and SQL Server also support XML stored as a large object.

Native XML means really dealing with XML as just another data type. It all looks relatively straight forward, but we all know any new major enhancement requires research and planning to utilize its new features. The use of the XML data type requires knowing all the rules and options. Also remember this is version 9 of DB2 but really version one of



the XML data type. Although Mike has a good knowledge both DB2 and XML, he had no experience in native XML. He needed to learn how native XML works and get hands-on experience. This presentation documents his journey and getting the experience that he needs (and he believes most DBA's will require). The presentation deals with the following topics:

- o **Basic XML syntax:** this section is a quick reference on basic XML terms and acronyms, and an overview of XML technology in the IT industry in general.

IN THIS ISSUE

Mullins, Sniezek - page 1

NEODBUG Treasurer's Report - page 2

Chairman's Corner - page 4

Meeting Agenda - page 5

Upcoming Database Events - page 5

Meeting Registration Form - page 6

Roger's Coming! - page 6

(Continued on page 3)

NEODBUG Treasurer's Report By Alan Solnick

TREASURER'S REPORT

The following are the current figures for NEODBUG as of April 6, 2009.

ASSETS	
Checking Account	\$ 10,615.66
Money Market Account	\$ 12,316.34
Projector	\$ 2,089.10
Total Assets	\$ 25,021.10
LIABILITIES	
Membership Prepayment	\$ 600.00
Total Liabilities	\$ 600.00
NET WORTH	\$ 24,421.10

The March 5th Bonnie Baker special education event had thirty-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 there, you will have to pay the higher, non-membership registration fees at the upcoming quarterly meeting. Those that prepaid to send members to NEODBUG meetings have the number of remaining coupons next to their names. The coupons expire 12/31/2009.

Companies/ Individuals that have paid memberships:

Antares Management Solutions	(3 Coupons left)
Susan Birgeles	(3 Coupons left)
BMC Software	
Bridgestone	
Dominion Resources	(3 Coupons left)
Erie Insurance	
JoAnn Stores	
Key Bank	
National City Bank	(3 Coupons left)
Parker Hannifin	
Progressive Insurance	(3 Coupons left)

Alan P. Solnick
Treasurer
Alan.Solnick@AntaresSolutions.com

Food Feedback (and more!)

As mentioned elsewhere in this newsletter, the May quarterly meeting is being held at a new location for us - the Sheraton Independence.

The NEODBUG Board wants to see if a change in hotel will improve the experience for you, our meeting attendees.

So, we need your feedback: when you attend the May meeting, remember to fill out the evaluation form.

(Continued from page 1) May Meeting

- **Access, setup and simple example:** this a quick walkthrough of access required, prerequisites such as UDF codes, IP addresses and required software. We will also go through the creation of some basic objects and data manipulation.
- **When and why would I use XML:** why and when to use native XML, and when creating and storing XML, which objects would you be using for indexes and retrieval. As a rule, native XML is good when you need schema flexibility, search performance and partial document retrieval. However, sometimes you need to examine the use of data types such as CLOB or VARCHAR when you need full document retrieval or insert and delete performance.
- **Real-life examples:** now that we know how to create objects and manipulate the data, we will cover a more practical example on how pure XML will be used in DB2. This section will cover how XML is stored, the creation of table spaces, the manipulation of data, indexing considerations, validation and performance considerations
- **Conclusion:** we need to ask ourselves were we ready for DB2 V8? The answer was probably no. Although V8 was the biggest release of DB2 of all time, DB2 V9 is not a small release. If you are looking to use the XML data type or if your company has XML directions, there is a lot to learn if not just to get familiar with it. This section will summarize the presentation on what you should know before DB2 V9 and XML arrive in your IT environment.

Mike's second presentation will be "**MIPS Reduction Program – DB2**". Your company's mainframe, with the valuable data and the essential applications running, always need tuning. In this presentation, we will go through the steps for a rather quick tuning effort to reduce the MIPS used by the DB2 database. Using examples from several case studies, we will review the plan, procedures and results of a MIPS reduction project.

Mike Sniezek's career in Information Technology began in 1976. He joined BMC Software in 1994, where he is currently a brand manager for the mainframe database tools. He has a wide range of knowledge of mainframe, distributed technology and process management and has lectured at various conferences and published several articles, primarily on database technology and the Internet.

We start our afternoon with Craig Mullins' presentation, "**An hour of DB2 for z/OS Tips and Techniques**". Craig will go over a series of DB2 tips and techniques for improving your usage of DB2 for z/OS. The tips run the gamut from SQL performance to programming and administration techniques to deployment tips for new features to organizational issues. Bring your stop watch and come see Craig deliver an hour of DB2 tips!

Craig's second presentation for us will be "**Database Auditing: Who Did What to Which Data When and How?**". The combination of increasing government regulation and the need for securing corporate data has driven up the need to track who is accessing data in our corporate databases. This presentation discusses these drivers as well as presenting the requirements for auditing access to data stored in database management systems.

The goal of this presentation is to review the regulations impacting the need to audit, and then to discuss in detail the kinds of things that may need to be audited, along with the pros and cons of the five different ways of accomplishing this.

Craig Mullins is a data management strategist, researcher, and consultant. He is currently employed as corporate technologist for NEON Enterprise Software. He has more than two decades of experience in all facets of database systems development including developing and teaching DB2 and SQL Server classes, systems analysis and design, database administration and system administrator, and data analysis and modeling. He has worked with DB2 for z/OS and OS/390 since Version 1 and has experience working with Microsoft SQL Server, Sybase and IMS. Craig has worked in multiple industries including manufacturing, banking, commercial software development, education, research, utilities, and consulting.

Chairman's Corner By Michael James

The Cavaliers have not been affected by bad weather this year and look to be headed for another trip to the playoffs and, maybe, a world championship. Did I say that about a Cleveland team? Go Cavs!! The weather was not a factor for our March special education class either. While the meeting was viewed by all as another success, attendance was very light. NEODBUG lost money by providing this class, but we still feel committed that the purpose of NEODBUG is to provide education to the database community. We will carry on. The feedback on Bonnie Baker's presentation was excellent. Thanks to our agenda committee for their efforts to arrange this class.

August meeting

We are still finalizing plans for our August quarterly meeting. We have a commitment from Roger Miller from IBM's Silicon Valley Lab to present, along with another speaker to be announced. Thanks to CDW for their help in getting us on Roger's busy schedule!

November meeting

We are very close to announcing this program as well, with a nationally-known speaker; stay tuned for the complete program, when it becomes available. As always, this meeting will include a business meeting to elect our Board of Trustees for next year.

IDUG

Don't forget IDUG 2009 - North America will be held May 11 - 15 in Denver, CO. Find the answers you need at the premier user-driven training and networking conference for DB2, Informix, and IMS information management professionals.

NEODBUG on the Web V2.0

Through the fine distributed work of Board member emeritus Jason Sperko (Nashville, TN) and our webmaster Phil Sherman, we are close to rolling out a new NEODBUG website. It has a sleeker look-and-feel, as well as the framework for the addition of some exciting future features. Watch for it, at www.neodbug.org.

Talk to us

For the past 20 years, NEODBUG has positioned itself as a multifaceted organization through a series of changes that attempt to better fulfill the needs of the core database community. Managed change is good and we plan to keep evolving, while not forgetting the main focus of this organization: database. We cannot do this without your input. It helps us 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 neodbugquestions@sps-solutions.com email address.

Thank you

We would like to thank BMC Software for sponsoring lunch at the May meeting.

Finally, I know that May is not too early to play golf or 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 Cavaliers! Go Tribe! And draft well, Mr. Mangini.

I look forward to seeing all of you at our May 21 meeting. Remember, it will be held at the Sheraton Hotel Independence!

Michael P. James
Chairman

May 21, 2009 Meeting Agenda

8:30 - 9:00	Registration	
9:00 - 9:15	Opening Remarks	Michael James NEODBUG Chairman
9:15 - 10:30	<i>“DB2 V9 - XML and the Unprepared DBA”</i>	Mike Sniezek BMC Software
10:30 - 10:45	Break	
10:45 - 12:00	<i>“MIPS Reduction Program - DB2”</i>	Mike Sniezek
12:00 - 1:00	Lunch - sponsored by BMC Software	
1:00 - 2:15	<i>“An Hour of DB2 for z/OS Tips and Techniques”</i>	Craig Mullins NEON Enterprise Software
2:15 - 2:30	Break	
2:30 - 4:00	<i>“Database Auditing: Who Did What to Which Data and When?”</i>	Craig Mullins
4:00 - 4:15	Closing Remarks	Michael James

Location:

NOTE: CHANGE => [Sheraton Independence Hotel](#) <= NOTE: CHANGE
 5300 Rockside Road
 Independence, Ohio 44131
 (216) 524-0700

Upcoming Database Events

Date	Organization	City
04/22-24/2009	Oracle Open World - Asia	Tokyo, Japan
05/03-07/2009	Collaborate 09 - International Oracle Users Group (IOUG)	Orlando, FL
05/03-08/2009	The Data Warehouse Institute (TDWI) World Conference - Spring	Chicago, IL
05/11-15/2009	International DB2 Users Group (IDUG) - North America	Denver, CO
05/21/2009	NEODBUG Quarterly Meeting	Independence, OH
05/21-22/2009	Northeast Ohio Oracle Users Group (NEOOUG) Conference	TBD
08/02-07/2009	TDWI World Conference - Summer	San Diego, CA
08/16-20/2009	Sybase TechWave	Washington, DC
08/20/2009	NEODBUG Quarterly Meeting	Independence, OH
09/18/2009	NEOOUG Meeting	Independence, OH
10/05-09/2009	IDUG - Europe	Rome, Italy
10/11-15/2009	Oracle Open World - North America	San Francisco, CA
10/25-29/2009	IBM Information On Demand Conference	Las Vegas, NV
11/01-06/2009	TDWI World Conference - Autumn	Orlando, FL
11/03-06/2009	Professional Association for SQL Server (PASS) Summit	Seattle, WA
11/13/2009	NEOOUG Meeting	Independence, OH
11/2009	NEODBUG Quarterly Meeting	Independence, OH
1/15/2010	NEOOUG Meeting	Independence, OH
4/11-15/2010	Computer Associates (CA) World 2010	Los Angeles, CA

Meeting Registration Form

NEODBUG Quarterly Meeting
THURSDAY, May 21, 2009 9am - 4:30pm
Sheraton Inn Independence
5300 Rockside Rd, Independence, OH

Cost: If your company is a member of NEODBUG: \$40 pre-registration or \$50 at the door.
If your company is not a member of NEODBUG: \$50 pre-registration or \$60 at the door.

Yes, I will be attending the education meeting; a check for \$ _____ is enclosed for a total of _____ reservations.

YOUR NAME _____ BRINGING A LAPTOP? _____

PHONE & EMAIL ADDRESS _____

In addition to myself, the following persons will be attending:

NAME	BRINGING A LAPTOP?	PHONE & EMAIL ADDRESS
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Company Name: _____

Company Address: _____

Email this form to neodbug@sps-solutions.com to notify us of your intent to attend, then postal mail this form and your check (payable to NEODBUG) no later than May 18, 2009, to:

NEODBUG
c/o S&P Solutions
35000 Chardon Rd. Suite 110
Cleveland, OH 44094

Roger's Coming!

Mark your calendar for our next NEODBUG quarterly meeting - Thursday, August 20 - when we are pleased to present IBM's ROGER MILLER as one of our speakers.

Roger Miller is a DB2 for z/OS evangelist, strategist, architect, designer, developer and writer, who has worked on many facets of DB2, ranging from overall design issues to SQL, languages, install, security, audit, standards, performance, concurrency, and availability.

Make plans to attend, and bring your boss to hear Roger, too!

Roger Miller's appearance is with the support of CDW.