

# NEODBUG

E L E C T R O N I C

## Newsletter of the Northeast Ohio Database Users Group

### Catterall, Favero Help NEODBUG Celebrate DB2's 30<sup>th</sup> Anniversary

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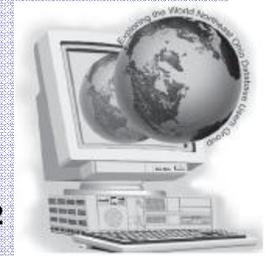
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♪ Happy Birthday to You, ♪  
♪ Happy Birthday to You, ♪  
♪ Happy Birthday DB2, ♪  
♪ Happy Birthday to You! ♪



April, 2013 issue  
[www.neodbug.org](http://www.neodbug.org)  
[info@neodbug.org](mailto:info@neodbug.org)

Who would have thought that in 1983, when IBM made V1 of DB2 generally available, that it would still be with us today.

NEODBUG helps celebrate this anniversary by bringing two well-known DB2 experts in to speak at our next quarterly meeting on **Thursday, May 16, 2013** at the Crowne Plaza Hotel in Independence. Plus, we'll have birthday cake!

Our first speaker for the day will be **Robert Catterall**. He will speak on the topics "**Memory for MIPS: Leveraging Big Memory on System z to Enhance DB2 CPU Efficiency**" and "**DB2 for z/OS Stored Procedures Update**".



Robert Catterall is an IBM DB2 for z/OS specialist. He started his IT career with IBM in 1982, and worked throughout the 1990s as a member of the company's DB2 for z/OS National Technical Support team. From 2000 to 2007, Robert worked as a database technology strategist for CheckFree (now part of Fiserv). After working for three years as an independent DB2 consultant, he rejoined IBM in 2010. Robert is a past President of IDUG, a member of IDUG's Speakers Hall of Fame and was one of IBM's inaugural Information Champions. He presents frequently at conferences, is a longtime columnist for *IBM Data Management* magazine, and blogs about DB2 for z/OS at <http://robertsdb2blog.blogspot.com/>. Robert last spoke to NEODBUG in November, 2011.

In the afternoon, our speaker will be **Willie Favero**. Willie will present "**Data Warehousing with DB2 for z/OS Best Practices**" and "**A Deep Dive into the Real Workings of the DB2 Analytics Accelerator for z/OS**".

Willie Favero is currently the DB2 for z/OS SME working with the Data Warehouse on System z Swat Team at IBM's Silicon Valley Lab. He has with almost 40 years working on mainframes with almost 30 years of that working with DB2. He frequently presents for major conferences worldwide and local user groups, often publishes articles in national



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Register for the meeting at [www.neodbug.org/2\\_1/register.html](http://www.neodbug.org/2_1/register.html)

magazines, authors Redbooks, and maintains one of the top DB2 blogs on the Net. Willie last visited NEODBUG back in August of 2008.

\* \* \*

**Memory for MIPS: Leveraging Big Memory on System z to Enhance DB2 CPU Efficiency:** System z server memory is getting bigger all the time (a zEC12 can be configured with 3 TB of the stuff), and it's more and more common to find z/OS LPARs with scores of gigabytes of real storage; however, at many DB2 for z/OS sites mainframe memory is an under-utilized resource, in that it's not leveraged for maximum performance benefit. In this session you'll get information on how to use real storage to reduce DB2-related CPU consumption by 1) getting your buffer pool house in order (i.e., getting the most out of your buffer pool configuration without making it larger), 2) being bold -- but not reckless -- in asking for more memory for DB2 buffer pools to reduce I/O activity, and 3) using storage for threads, dynamic SQL, RID processing, and sorting in a CPU-savvy way.

**DB2 for z/OS Stored Procedures Update:** Stored procedures have been widely used for years in DB2 for Linux, UNIX, and Windows application environments. On the mainframe side, adoption of the technology was initially more limited, but it is becoming mainstream now, in part due to the advent of native SQL procedures, delivered with DB2 9 for z/OS and enhanced with DB2 10. This presentation will lay out a vision of a modern DB2 data-serving system in which stored procedures play an important role. It will also provide a review of DB2 for z/OS stored procedure enhancements, with a particular emphasis on the advantages of native SQL procedures. The presentation will conclude with some hints, tips, and recommendations concerning stored procedure development and management.

**Data Warehousing with DB2 for z/OS Best Practices:** Data warehousing with DB2 for z/OS on System z is getting a lot of interest today. However, that interest is also generating a lot of questions. If you want to put your warehouse on System z using DB2 or if you already have a warehouse on System z, you may want to know what are some of the best practices that have been learned over the years. This presentation will help answer your questions about doing warehousing on System z successfully. Some examples of what we will be discussing are DB2s DSNZPARMs, buffer pools, table space choices, caching structures, sorting, and utility processing. We'll also examine query performance, SQL structure choices, and SQL analysis along looking at some of the tools available.

**A Deep Dive into the Real Workings of the DB2 Analytics Accelerator for z/OS:** This session discusses the IBM DB2 Analytics Accelerator V3 that enables a new class of high speed business intelligence and analytic queries on System z. The innovative technology within the DB2 Analytics Accelerator offers organizations the ability to integrate business insights into the fabric of their operational processes while accelerating queries, making business insights more accessible to the front lines of business. This presentation discusses what is new in Version 3 of the DB2 Analytics Accelerator, how to implement it, how it really works, and how to take advantage of it. The presentation is based on hands-on experience.

\* \* \*

So join us for a happy and informative time while we "blow out the candles" for DB2. Remember, we are back at the Crowne Plaza Hotel in Independence on Thursday, May 16.

\* \* \*

IBM has created a DB2 30th anniversary webpage at <http://www-01.ibm.com/software/data/db2/zos/30thanniversary/>. There you can read comments from those who were there at the beginning as well as download a copy of the book *IBM DB2: The Past, Present and Future: 30 Years of Superior Innovation*.

Register for the meeting at [www.neodbug.org/2\\_1/register.html](http://www.neodbug.org/2_1/register.html)

## Chairman's Corner By Michael James

The Cavaliers have are finishing the year with 26 wins and are in the draft lottery again. They are also looking for a new coach. Sound familiar? The Indians are losing again because of their pitching. Alright! Then there are the Browns: waiting to draft with the sixth pick! We'll have to wait & see.

Well, the weather was not a factor for the March special education class! Yeah!! The meeting was viewed by all as another success; attendance was very good. Many thanks to the folks at Progressive for allowing us to use their training facility at The Discovery Building and for coordinating the other locations in Colorado and Virginia. NEODBUG made a little money 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 Tony Andrews' presentation was excellent. Thanks to our Agenda Committee and especially Bob Vargo for their efforts to arrange this class.

We are now in our 22st year, wow! 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.org](mailto:info@neodbug.org) email address or email to board members.

For May's quarterly meeting, the date of the meeting is May 16th and the location is 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 Agenda). Thanks to the diligence of Bob Vargo of Progressive 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 2013 IDUG DB2 Tech Conference will be held April 29 – May 3 in Orlando, FL. 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 <http://www.idug.org/p/cm/ld/fid=213>.

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. Banner.

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 on May 16.

Michael P. James  
Chairman

Register for the meeting at [www.neodbug.org/2\\_1/register.html](http://www.neodbug.org/2_1/register.html)

# NEODBUG Treasurer's Report

Here are the current financials for NEODBUG as of April 03, 2013.

## ASSETS

Checking Account	\$ 6,500.15	
Money Market Account	\$ 7,547.13	
<b>Total Assets</b>		<b>\$14,047.28</b>

## LIABILITIES

Membership Prepayment	\$ 120.00	
<b>Total Liabilities</b>		<b>\$ 120.00</b>

**NET WORTH** \$13,927.28

We had a spectacular turnout for the March 14th special education meeting with one hundred and twenty paid attendees from eleven 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 12/31/2013:

Companies/ Individuals that have paid memberships:

BMC Software (3 Coupons left)  
Erie Insurance (3 Coupons left)  
Jim Szabo  
Key Bank  
Progressive Insurance  
Sherwin Williams  
Westfield Insurance

Al Solnick  
Treasurer

## User Groups Working Together

The upcoming NEODBUG quarterly meeting is a prime example of various database regional user groups working together.

NEODBUG Vice Chairman Bill Moran is also a member of the Michigan DB2 Users Group (MDUG - [www.mdug.org](http://www.mdug.org)). MDUG is partnering with NEODBUG to present the same speakers (Robert Catterall and Willie Favero) on two consecutive days—MDUG will host a meeting on May 15, while NEODBUG's meeting will be May 16.



This partnership helps everyone: MDUG gets speakers that they have not recently presented, our speakers are not doing a "one-and-done" trip and both organizations reduce expenses. Based on the success of the May meeting in both locations, we expect MDUG to partner with us for meetings in August and November.

As you can read elsewhere, NEODBUG used the experience of the Baltimore/Washington DB2 Users Group (BWDB2UG - [www.bwdb2ug.org](http://www.bwdb2ug.org)) to set up Paypal™ as a payment option for this and future meetings.



**Baltimore / Washington  
DB2 Users Group**

**Register for the meeting at [www.neodbug.org/2\\_1/register.html](http://www.neodbug.org/2_1/register.html)**

## Upcoming Database Events

DATE	EVENT/LOCATION/ORGANIZATION WEBSITE
04/22-25/2013	Percona Live MySQL Conference and Expo—Santa Clara, CA <a href="http://www.percona.com/live/mysql-conference-2013">www.percona.com/live/mysql-conference-2013</a>
04/28-05/02/2013	Enterprise Data World—San Diego, CA <a href="http://www.edw2013.dataversity.net">www.edw2013.dataversity.net</a>
04/29-05/03/2013	International DB2 Users Group (IDUG) DB2 Tech Conference—Orlando, FL <a href="http://www.idug.org">www.idug.org</a>
05/05-10/2013	The Data Warehouse Institute (TDWI) World Conference: Big Data Tipping Point—Chicago, IL <a href="http://www.tdwi.org">www.tdwi.org</a>
05/07/2013	Ohio North SQL Server User Group—Independence, OH <a href="http://www.ohionorthsqlserverug.org">www.ohionorthsqlserverug.org</a>
05/13-15/2013	Great Lakes Oracle Conference—Cleveland, OH (Northeast Ohio Oracle Users Group) <a href="http://www.neooug.org/gloc">www.neooug.org/gloc</a>
05/16/2013	Northeast Ohio Database Users Group (NEODBUG) quarterly meeting—Independence, OH <a href="http://www.neodbug.org">www.neodbug.org</a>
06-03-06/2013	Microsoft TechEd North America 2013—New Orleans, LA <a href="http://northamerica.msteched.com">northamerica.msteched.com</a>
06/04/2013	Ohio North SQL Server User Group—Independence, OH <a href="http://www.ohionorthsqlserverug.org">www.ohionorthsqlserverug.org</a>
07/02/2013	Ohio North SQL Server User Group—Independence, OH <a href="http://www.ohionorthsqlserverug.org">www.ohionorthsqlserverug.org</a>
08/06/2013	Ohio North SQL Server User Group—Independence, OH <a href="http://www.ohionorthsqlserverug.org">www.ohionorthsqlserverug.org</a>
08/11-15/2013	SHARE in Boston—Boston, MA <a href="http://www.share.org">www.share.org</a>
08/15/2013	NEODBUG quarterly meeting—Independence, OH <a href="http://www.neodbug.org">www.neodbug.org</a>
08/18-23/2013	TDWI World Conference: Agile BI—San Diego, CA <a href="http://www.tdwi.org">www.tdwi.org</a>
09/03/2013	Ohio North SQL Server User Group—Independence, OH <a href="http://www.ohionorthsqlserverug.org">www.ohionorthsqlserverug.org</a>
09/11-13/2013	IDUG DB2 Tech Conference—Melbourne, Australia <a href="http://www.idug.org">www.idug.org</a>
09/16-18/2013	PostGRES Open—Chicago, IL <a href="http://www.postgresopen.org">www.postgresopen.org</a>
09/20/2013	NEOOUG business meeting—Independence, OH <a href="http://www.neooug.org">www.neooug.org</a>
09/22-26/2013	Oracle OpenWorld—San Francisco, CA <a href="http://www.oracle.com">www.oracle.com</a>
10/2013	SharePoint Connections—Las Vegas, NV (DevConnections) <a href="http://devconnections.com">devconnections.com</a>
10/01/2013	Ohio North SQL Server User Group—Independence, OH <a href="http://www.ohionorthsqlserverug.org">www.ohionorthsqlserverug.org</a>
10/13-18/2013	IDUG DB2 Tech Conference—Barcelona, Spain <a href="http://www.idug.org">www.idug.org</a>
10/15-18/2013	PASS Summit—Charlotte, NC <a href="http://www.sqlpass.org">www.sqlpass.org</a>
10/20-25/2013	TDWI World Conference: Business Driven BI—Boston, MA <a href="http://www.tdwi.org">www.tdwi.org</a>
11/03-07/2013	IBM Information On Demand—Las Vegas, NV <a href="http://www.ibm.com">www.ibm.com</a>
11/05/2013	Ohio North SQL Server User Group—Independence, OH <a href="http://www.ohionorthsqlserverug.org">www.ohionorthsqlserverug.org</a>
11/15/2013	NEOOUG business meeting—Independence, OH <a href="http://www.neooug.org">www.neooug.org</a>
11/21/2013	NEODBUG quarterly meeting—Independence, OH <a href="http://www.neodbug.org">www.neodbug.org</a>

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Register for the meeting at [www.neodbug.org/2\\_1/register.html](http://www.neodbug.org/2_1/register.html)

- 12/03/2013 Ohio North SQL Server User Group—Independence, OH [www.ohionorthsqlserverug.org](http://www.ohionorthsqlserverug.org)
- 12/08-13/2013 TDWI World Conference: Emerging Technologies 2014—Orlando, FL [www.tdwi.org](http://www.tdwi.org)
- 01/24/2014 NEOOUG business meeting—Independence, OH [www.neoooug.org](http://www.neoooug.org)
- 03/09/2014 SHARE in Anaheim—Anaheim, CA [www.share.org](http://www.share.org)

## PayPal Comes to NEODBUG

When you register for our next quarterly meeting, you will see a new button on the form you fill out—for PayPal™ or credit card as a payment option.

Individuals and member companies have requested an alternate payment method to our current choices of cash or check; some would like to charge meeting registrations via a corporate credit card, as this can be processed immediately while it may take some time for a company to cut a check.

NEODBUG started an investigation of PayPal when secretary Jim Szabo received a notification of an upcoming meeting of the Baltimore/Washington DB2 Users Group ([www.bwdb2ug.org](http://www.bwdb2ug.org)). BWDB2UG accepts PayPal for meeting payment, so Jim contacted BWDB2UG. Upon presenting his findings at the next NEODBUG Board meeting, webmaster Phil Sherman sprung into action. With the blessing of treasurer Al Solnick, Phil signed NEODBUG up with PayPal and prototyped a process flow.

Unlike many websites that use PayPal, we do not automatically take you to the PayPal site and fill in the

I will be attending the meeting. If I am not paying using a credit card or PayPal account, a check for all of the registrations on this form will be sent to NEODBUG at:

NEODBUG  
PO Box 221331  
Beachwood, Ohio 44122-0997

Payment must be received by Friday of the week preceding the meeting for these registrations to be accepted. Paypal/Credit Card invoices should be emailed to you within two working days of submitting this form.

transaction amount. Because we have different registration fees at each of our events (member vs. non-member price, educational event vs. quarterly meeting, volume discount), NEODBUG reserves the right to calculate

your total fee based on the information you provide on the registration form. At that point, someone from NEODBUG will enter the transaction amount into PayPal, which will generate a payment invoice email to the address that you designate on our form. The recipient need only click on the active link within the email and they will be able to log into an existing PayPal account, create a PayPal account or just pay with a credit card.

The “different email address” option on the updated form will allow you to route the PayPal invoice to the person that can and will pay the bill—an administrative person, for example.

For the foreseeable future, these additional payment options are only available for advance registration for our events. If you are a “walk-up” attendee, you pay a higher “at-the-door” fee and only have cash and check as payment options.

Payment method  PayPal/Credit Card  Check or invoice amount: \$

If your PayPal/Credit Card invoice should be sent to a different email address; enter it here:

If the invoice address field above is blank, Paypal/Credit Card invoices will be sent to the first registrant on this form. NEODBUG will adjust the invoice amount if you miscalculated it. If email to the above address is rejected, the invoice will be sent to the first registrant on this form.

NEODBUG hopes that these changes will also improve our cash flow and drastically reduce our accounts receivable, by getting a (mostly) automatic invoice to the person who can swiftly pay it.

If you take advantage of this new payment method, we’d love to hear how satisfied you were with the process—drop us a comment at [info@neodbug.org](mailto:info@neodbug.org).

Register for the meeting at [www.neodbug.org/2\\_1/register.html](http://www.neodbug.org/2_1/register.html)