

NEODBUG

E L E C T R O N I C

Newsletter of the Northeast Ohio Database Users Group

“DB2 V11—What’s New?” the Topic of NEODBUG’s Education Event

Happy New Year from NEODBUG!

We are excited to announce our 2017 education event: on Thursday, April 6, we are presenting internationally-known DB2 expert David Simpson in an all-day class entitled “DB2 V11—What’s New?”, on Thursday, April 6, 2017 at Studio 96 of the Progressive Discovery Center in Mayfield Village.

* * *

Most Northeast Ohio companies are not early-adopters of the latest, “bleeding-edge” software releases. While DB2 V12 for z/OS was made generally available in October of 2016, we are all challenged with using the current DB2 11 features and functions to improve our application systems.



This educational event introduces the attendee to the new SQL, optimization

and application features of DB2 11 for z/OS. As with prior releases, DB2 delivers a large number of new features, functions, improvements, and enhancements with many specific to developers. New DB2 V11 functionality covers the areas of general subsystem performance improvements, optimization, and many application features affecting both the developers and DBAs.

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Included will be information on:

- * Advanced GROUP BY
- * Online Analytical Processing (OLAP) Enhancements
- * Global Variables
- * Global Temporary Table Enhancements
- * Temporal Tables
- * Transparent Archiving
- * SQL Optimization Enhancements
- * Support for arrays
- * Enhancement to the LIKE predicate
- * Predicate selectivity overrides
- * Support for indexes that exclude NULL keys
- * Autonomous procedures and other changes to stored procedures
- * Reserve free space in table spaces for use only by UPDATE operations

David Simpson is currently a Senior Technical Advisor at Themis Inc. He teaches courses on SQL, Application Programming, Database Administration as well as optimization, performance and tuning. He also installs and maintains the database systems used for training at Themis. Since 1993, David has worked as a developer and DBA in support of very large transactional and busi-

PROGRESSIVE

Progressive Insurance employees need to register for this education event via their IT University system, (course name “NEODBUG DB2 Training Event”) not the link below.

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

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ness intelligence systems. David is a certified DB2 DBA on both z/OS and LUW. David was voted Best User Speaker and Best Overall Speaker at IDUG North America 2006. He was also voted Best User Speaker at IDUG Europe 2006 and is a member of the IDUG Speakers Hall of Fame.

David last spoke to NEODBUG in May, 2014 at our quarterly meeting and in March, 2012 at our annual education event.

* * *

The cost of this class is the same as last year's education event: \$199 in advance, \$225 at-the-door for employees of NEODBUG member companies and \$225 in advance, \$250 at-the-door for employees of non-member companies. Please read the note on corporate membership invoices from our treasurer. Every fifth attendee from the same company is eligible for a \$30 discount. Companies that have already sent in their corporate membership fee and received meeting coupons can apply them for a \$20 credit to this event.

* * *

David's class will be held in Studio 96 of Progressive's Discovery Center, 6671 Beta Drive in Mayfield Village, Ohio, the same location as last year's education event. This is an auditorium-style facility; each attendee will sit in a seat with a fold-down table and each seat has a place to plug in your laptop. Attendees to this event are asked to park in the back of the Discovery Center; Studio 96 has a separate entrance there and you will be asked to sign in. Detailed directions will be provided to all registrants.

The event will begin with registration/check-in at 8:30AM with the session commencing at 9AM. The class will last until 5PM. Lunch and all educational materials (on paper for this event) will be provided.

We are getting the announcement of this class out early, so you will have time to clear your participation with your management and insure that your company's money-saving membership is taken care of. Register for the event using the red link at the bottom of this page.

Hope to see you April 6!

NEODBUG is Moving...

The NEODBUG Board has decided to alter its schedule for quarterly meetings in 2017: we've moved them to the last month of each quarter. This keeps our meetings out of the way of national and international database conferences, and allows us to pursue potential speakers that might otherwise be unavailable.

So, mark your calendars for the following 2017 quarterly meeting dates:

- * Thursday, June 8, 2017
- * Thursday, September 14, 2017
- * Thursday, December 7, 2017

These meetings will be held, per usual, at the Crowne Plaza Cleveland South in Independence.

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

Tribute to Michael James

The sharp-eyed will notice a change in the NEODBUG Board of Trustees list on page one of this newsletter.

At the December, 2016 Board meeting, chairman Michael James turned in his resignation.



Michael joined the NEODBUG Board back in 1991, initially taking on the responsibility of the facilities coordinator, the person responsible for contracting and maintaining our relationship with the hotels and other places that we hold events at. In the ensuing years, Michael became vice chairman of NEODBUG, then in 1995, he assumed the office of chairman.

Michael has held the chairman's position ever since, totaling twenty-two years. During that time, he has been at the helm of an organization that applied for and received its government-sanctioned tax-exempt status, become financially solvent and saw it forge a relationship with the Detroit and Columbus DB2 user groups to offer a regional "tour" for potential database speakers. All the while, guiding us through years of offering low-cost, high-quality database education for northeast Ohio.

Thanks, Mike!

I am sure that, with his tremendous love of the Cleveland professional sports teams, we will run into you at Progressive Field, the Q, Cleveland Browns Stadium, Classic Park, Canal Park...

* * *

At the December, 2016 Board meeting, Bill Moran was elected chairman and Kerry Quast was elected vice chair. They join holdovers Al Solnick (treasurer) and Jim Szabo (secretary) as NEODBUG officers for 2017.

The Worst Data Breaches of All Time

The techie website Tom's Guide recently ran an article on the worst data breaches of all time (<http://www.tomsguide.com/us/pictures-story/872-worst-data-breaches.html>). Here is their summary:

You may remember the 2013 Target Stores data breach that put the credit-card numbers and personal information of millions of people into the hands of cybercriminals. Or you may have been asked to change your Yahoo password in 2016. Both were the results of huge data breaches — yet neither breach was the worst in history.

Here are the 10 biggest and worst verified data breaches that we know of — so far. (We're not including those that haven't been confirmed, such as the V Kontakte breach reported in 2016; had an unknown number of victims, such as the 2014 eBay breach; or didn't involve sensitive data, such as the 2014 JPMorgan Chase breach that exposed only contact information.)

1. Yahoo—1B accounts (2013)
2. Yahoo—500MM accounts (2014)
3. FriendFinder—412MM accounts (2016)
4. MySpace—360MM accounts (unknown)
5. LinkedIn—165MM accounts (2012)
6. Heartland Payment Systems—130MM records (2008-09)
7. Target Stores—110MM records (2013)
8. Sony online entertainment—102MM records (2011)
9. Rambler—98MM accounts (2014)
10. National Archive and Records Administration—76MM records (2008)

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

NEODBUG Treasurer's Report

NEODBUG's year-end financial report for 2016 is listed below. We started 2016 with a net worth of \$12,003.82.

ASSETS

Money Market Account	\$ 5,558.77	
PayPal Account	\$ 0.00	
Checking Account	\$ 5,985.73	
TOTAL ASSETS		\$ 11,544.50

LIABILITIES

Membership Prepayment	\$ 0.00	
TOTAL LIABILITIES		\$ 0.00

NET WORTH

\$ 11,544.50

2016 INCOME

Corporate Memberships	\$ 1,200.00	
March Education Meeting	\$ 17,175.00	
May Meeting	\$ 750.00	
August Meeting	\$ 480.00	
November Meeting	\$ 720.00	
Bank Interest	\$ 1.40	
Membership Prepayment	\$ 300.00	
TOTAL INFLOWS		\$ 20,626.40

2016 EXPENSE

March Education Meeting	\$ 12,637.25	
May Meeting	\$ 2,702.41	
August Meeting	\$ 2,175.67	
November Meeting	\$ 2,610.15	
PayPal Expenses	\$ 157.22	
Website/Overhead	\$ 803.02	
TOTAL OUTFLOWS		\$ 21,085.72

NET INCOME

(\$ 459.32)

In 2016, NEODBUG had a net loss of \$459.32. This was due mostly to increased hotel and meeting costs.

Corporate membership invoices will be mailed to the contact person at each company. Contact and mailing list names (including email addresses) are on the back of the invoice and need to be filled out and returned with the invoice so we can keep our newsletter mailing database current.

If your contact person does not receive an invoice by 02/01/2017, please call me at 440-878-7483 or email me so I could email you a new invoice. Memberships will be late and will increase in price if received after 04/01/2017. Corporate memberships provide you a meeting discount, so please be diligent in sending them in.

Alan P. Solnick
Treasurer

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

Upcoming Database Events

DATE	EVENT/LOCATION/ORGANIZATION WEBSITE
01/03/2017	Ohio North SQL Server User Group—Independence, OH ohionorth.sqlpass.org
01/27/2017	Northeast Ohio Oracle User Group (NEOOUG) business meeting—Independence, OH www.neoooug.org
02/07/2017	Ohio North SQL Server User Group—Independence, OH ohionorth.sqlpass.org
02/17-21/2017	The Data Warehouse Institute (TDWI) Conference “Data Insight for the Enterprise”—Las Vegas, NV www.tdwi.org
03/06-09/2017	Gartner Data & Analytics Summit—Grapevine, TX www.gartner.com
03/07/2017	Ohio North SQL Server User Group—Independence, OH ohionorth.sqlpass.org
03/05-10/2017	SHARE in San Jose—San Jose, CA www.share.org
04/02-07/2017	Enterprise Data World—Atlanta, GA edw2017.dataversity.net
04/03-05/2017	TDWI Accelerate—Boston, MA www.tdwi.org
04/04/2017	Ohio North SQL Server User Group—Independence, OH ohionorth.sqlpass.org
04/06/2017	NEODBUG education event—Progressive Discovery Center, Mayfield Village, OH www.neodbug.org
04/24-27/2017	Percona Live: Open Source Database Conference—Santa Clara, CA www.percona.com
04/30-05/04/2017	IDUG North American DB2 Tech Conference—Anaheim, CA www.idug.org
05/02/2017	Ohio North SQL Server User Group—Independence, OH ohionorth.sqlpass.org
05/07-12/2017	TDWI Conference “Modernizing Your Data Ecosystem”—Chicago, IL www.tdwi.org
05/17-18/2017	Great Lakes Oracle Conference (NEOOUG)—Cleveland, OH www.neoooug.org/gloc
06/06/2017	Ohio North SQL Server User Group—Independence, OH ohionorth.sqlpass.org
06/08/2017	NEODBUG quarterly meeting—Crowne Plaza, Independence, OH www.neodbug.org
07/11/2017	Ohio North SQL Server User Group—Independence, OH ohionorth.sqlpass.org
08/01/2017	Ohio North SQL Server User Group—Independence, OH ohionorth.sqlpass.org
08/06-11/2017	SHARE in Providence—Providence, RI www.share.org
08/06-11/2017	TDWI Conference “Analyze. Visualize. Discover.”—Anaheim, CA www.tdwi.org
08/28-09/01/2017	International Conference on Very Large Data Bases—Munich, Germany www.vldb.org
09/14/2017	NEODBUG quarterly meeting—Crowne Plaza, Independence, OH www.neodbug.org
09/25-29/2017	Microsoft Ignite—Orlando, FL ignite.microsoft.com
10/01-05/2017	IDUG DB2 Tech Conference—Lisbon, Portugal www.idug.org
10/01-05/2017	Oracle Open World—San Francisco, CA www.oracle.com
10/31-11/03/2017	PASS Summit—Seattle, WA www.sqlpass.org
12/03-08/2017	TDWI Conference “Data Futures 2018”—Orlando, FL www.tdwi.org
12/07/2017	NEODBUG quarterly meeting—Crowne Plaza, Independence, OH www.neodbug.org

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