

NEODBUG

E L E C T R O N I C

Newsletter of the Northeast Ohio Database Users Group

Understand All New Application Features of Db2 z/OS? Find out March 21

[Editor's note: as I write this, the temperature is 10 degrees and the tree branches outside my window are bending under the weight of the wet snow. The seed-eating birds have emptied their feeder, and the meat-eating bird (a hawk) may have had a meal, as well.]

Northeast Ohio's winter may be cold, even cruel (see above). But one of the first signs that spring is coming is the announcement of NEODBUG's annual education event!

This year, the event will be held on *Thursday, March 21* at the Progressive Discovery Center Studio 96, when we are pleased to present *Tony Andrews of Themis*, with "*New Application Features for Db2 z/OS*".

Are you still coding and designing SQL from the 90's? The last several releases of Db2 have brought quality new features that can be used to improve both functionality and performance for today's complex applications. This event will help catch you up! Themis has condensed their multi-day commercial offering into a one-day intense course for NEODBUG. The course outline includes:

- Global Variables: Creation, Usage, Rules, V12 Enhancements
- Transparent Archiving: Automatic Archiving of Data, Data Retrieval Options, Global Variables for Archiving
- Sequence Objects: Creation, Usage, Sequence vs Identity
- Advanced Groupings: Group By / Having Review, Grouping Sets, Rollup, Cube
- OLAP Ranking Functions Upgrades:
 - Rank, Dense_Rank, Row_Number Review
 - Ranking Moving Sums and Avgs
 - Rows Between
 - Range Between
 - Partition By
- SQL Set Operations: Union/Union All Review, Intersect/Intersect All, Except/Except All, Union Select Into
- SQL Merge: Overview, V12 Enhancements
- SQL : Select From Update, Select From Insert
- SQL Piece-Wise Delete: V12 Enhancement
- SQL Pagination: V12 enhancement



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44122-0997

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.

(Continued on page 2)

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

(Continued from page 1)

- **SQL QUERYNO: Review**
- **SQL Procedural Language: Piece Wise Delete, Autonomous Processing, SQL PL support for Triggers**
- **Performance Enhancements:**
 - **New Stage 1 Predicates**
 - **V10, V11 New Performance Review**
 - **V12 Performance Enhancements**
 - **Sparse Indexing**
 - **V12 Runtime Adaptive Indexing**
 - **V12 Fast Traverse Indexing**

This course will emphasize the new features and functions of Db2 z/OS that application developers can design and include

Tony Andrews has more than 25 years' experience in the development of relational database applications. Most of this time, he has provided development and consulting services to Fortune 500 companies and government agencies. Tony has written literally thousands of queries and programs during his development years, and has also served as a database analyst.



For the last 10 years, Tony has been splitting his time between performance and tuning consulting engagements along with training. His main focus is to teach today's developers the ways of RDBMS application design, development and SQL programming - always with a special emphasis on improving performance. He is a current IBM Champion and regular speaker at many regional user groups, IDUG NA, and IDUG EMEA. He is also the author of a book for developers titled *DB2 SQL Tuning Tips for z/OS Developers*. Tony last presented for NEODBUG in 2013.

* * *

If you take a look at our treasurer's report on page 4, you will see that NEODBUG showed a tiny profit in 2018. This is a direct result of 2018's small increase in meeting fees. Staying the course, the cost for this education event will be \$225 for employees of member companies that register in advance and \$250 for non-members. Add \$25 to each cost if you register at the door. 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 \$25 credit to this event.

Tony's class will be held in Studio 96 of Progressive's Discovery Center, 6671 Beta Drive in Mayfield Village, Ohio. 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 check 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. Continental breakfast, 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. Remember, you can use our PayPal link to pay using any credit card (corporate or personal) whether you have a PayPal account or not. Any questions? Email us at info@neodbug.org.

Hope to see you March 21!

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

March 21, 2019 Education Event Agenda

| | | |
|---------------|---|------------------------|
| 8:30 - 9:00 | Registration | |
| 9:00 - 9:15 | Opening Remarks | |
| 9:15 - 10:45 | “New Application Features for Db2 z/OS” | Tony Andrews Themis |
| 10:45 - 11:00 | Break | |
| 11:00 - 12:30 | “New Application Features for Db2 z/OS” | Tony Andrews Themis |
| 12:30 - 1:30 | Lunch/Networking | |
| 1:30 - 3:00 | “New Application Features for Db2 z/OS” | Tony Andrews Themis |
| 3:00 - 3:15 | Break | |
| 3:15 - 4:45 | “New Application Features for Db2 z/OS” | Tony Andrews Themis |
| 4:45 - 5:00 | Closing Remarks | |

Location: Progressive Discovery Center Studio 96
6671 Beta Drive
Mayfield, OH 44143
(800) 776-4737
www.facebook.com/pages/Progressive-Discovery/105378762854790

Cost: \$225—employees of NEODBUG member companies, advance registration
\$250—others, advance registration

\$250—employees of NEODBUG member companies, at-the-door
\$275—others, at-the-door

*** 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 \$25 credit to this event.

*** Progressive Insurance employees should register via their IT University System.

Payment: Any credit card, if “PayPal” option specified when registering (if you have a PayPal account or not), or mail checks in advance to:

NEODBUG
P.O. Box 221331
Beachwood, OH 44122-0997

NEODBUG Announces 2019 Quarterly Meeting Dates

The NEODBUG Board of Trustees have chosen the dates for our 2019 quarterly meetings:

Thursday, May 16, 2019

Thursday, September 19, 2019

Thursday, December 5, 2019

All quarterly meetings will be held at the Crowne Plaza Cleveland South in Independence.

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

NEODBUG Treasurer's Report

NEODBUG's year-end financial report for 2018 is listed below. We started 2018 with a net worth of \$8,782.56.

ASSETS

| | | |
|----------------------|-------------|--------------------|
| Money Market Account | \$ 4,047.71 | |
| PayPal Account | \$ 0.00 | |
| Checking Account | \$ 5,178.51 | |
| TOTAL ASSETS | | \$ 9,226.22 |

LIABILITIES

| | | |
|--------------------------|---------|----------------|
| Membership Prepayment | \$ 0.00 | |
| TOTAL LIABILITIES | | \$ 0.00 |

NET WORTH

\$ 9,226.22

2018 INCOME

| | | |
|-----------------------------|--------------|---------------------|
| March Education Event | \$ 16,105.00 | |
| June Quarterly Meeting | \$ 910.00 | |
| September Quarterly Meeting | \$ 630.00 | |
| December Quarterly Meeting | \$ 625.00 | |
| Corporate Memberships | \$ 1,125.00 | |
| Interest | \$ 1.33 | |
| Membership Prepayment | \$ 450.00 | |
| TOTAL INFLOWS | | \$ 19,846.33 |

2018 EXPENSE

| | | |
|-----------------------------|--------------|---------------------|
| March Education Event | \$ 12,007.92 | |
| June Quarterly Meeting | \$ 2,038.79 | |
| September Quarterly Meeting | \$ 2,302.44 | |
| December Quarterly Meeting | \$ 1,899.70 | |
| PayPal Expenses | \$ 130.92 | |
| Website/Overhead | \$ 1,022.90 | |
| TOTAL OUTFLOWS | | \$ 19,402.67 |

NET INCOME

\$ 443.66

In 2018, NEODBUG had a net income of \$443.66, due mostly to an increase in meeting fees.

Corporate membership invoices will be mailed to the contact person at each company. Contact and mailing list names (including e-mail 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 2/15/2019, please e-mail me so I can send you one. Memberships will be late and will increase if received after 03/21/2019. Corporate memberships provide you a discount, so please be diligent in sending them in.

Alan P. Solnick
Treasurer
APSolnick@gmail.com

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

Upcoming Database Events

| DATE | EVENT/LOCATION/ORGANIZATION WEBSITE |
|-------------------|---|
| 02/02/2019 | SQL Saturday #821—Cleveland, OH www.sqlsaturday.com/821/eventhome.aspx |
| 02/05/2019 | Ohio North SQL Server Users Group (ONSSUG) Cleveland—Independence, OH ohionorth.pass.org |
| 02/10-15/2019 | The Data Warehouse Institute (TDWI) Conference—Las Vegas, NV www.tdwi.org |
| 02/12-15/2019 | IBM Think—San Francisco, CA www.ibm.com |
| 02/19/2019 | ONSSUG Akron-Canton—Akron, OH ohionorth.pass.org |
| 03/05/2019 | ONSSUG Cleveland—Independence, OH ohionorth.pass.org |
| 03/10-15/2019 | SHARE in Phoenix—Phoenix, AZ www.share.org |
| 03/17-22/2019 | Enterprise Data World—Boston, MA www.enterprisedataworld.com |
| 03/18-22/2019 | PostgresConf 2019—New York, NY postgresconf.org/conferences/2019 |
| 03/19/2019 | ONSSUG Akron-Canton—Akron, OH ohionorth.pass.org |
| 03/21/2019 | NEODBUG annual education event—Progressive Studio 96, Mayfield, OH www.neodbug.org |
| 03/22/2019 | NEOOUG business meeting—Richfield, OH www.neooug.org |
| 03/30/2019 | SQL Saturday #827—Cincinnati, OH www.sqlsaturday.com/827/eventhome.aspx |
| 04/02/2019 | ONSSUG Cleveland—Independence, OH ohionorth.pass.org |
| 04/16/2019 | ONSSUG Akron-Canton—Akron, OH ohionorth.pass.org |
| 04/28-05/03/2019 | TDWI Conference—Chicago, IL www.tdwi.org |
| 05/07/2019 | ONSSUG Cleveland—Independence, OH ohionorth.pass.org |
| 05/15-16/2019 | Great Lakes Oracle Conference—Cleveland, OH www.neooug.org |
| 05/16/2019 | NEODBUG quarterly meeting—Crowne Plaza, Independence, OH www.neodbug.org |
| 05/21/2019 | ONSSUG Akron-Canton—Akron, OH ohionorth.pass.org |
| 05/28-30/2019 | Percona Live: Open Source Database Conference—Austin, TX www.percona.com |
| 06/02-07/2019 | International DB2 Users Group (IDUG) North America DB2 Tech Conference—Charlotte, NC www.idug.org |
| 06/04/2019 | ONSSUG Cleveland—Independence, OH ohionorth.pass.org |
| 06/18/2019 | ONSSUG Akron-Canton—Akron, OH ohionorth.pass.org |
| 07/02/2019 | ONSSUG Cleveland—Independence, OH ohionorth.pass.org |
| 07/16/2019 | ONSSUG Akron-Canton—Akron, OH ohionorth.pass.org |
| 08/04-09/2019 | SHARE in Pittsburgh—Pittsburgh, PA www.share.org |
| 08/06/2019 | ONSSUG Cleveland—Independence, OH ohionorth.pass.org |
| 08/18-23/2019 | TDWI Conference—San Diego, CA www.tdwi.org |
| 08/20/2019 | ONSSUG Akron-Canton—Akron, OH ohionorth.pass.org |
| 08/26-30/2019 | International Conference on Very Large Data Bases—Los Angeles, CA www.vldb.org |
| 09/03/2019 | ONSSUG Cleveland—Independence, OH ohionorth.pass.org |
| 09/15-19/2019 | Oracle Open World—San Francisco, CA www.oracle.com |
| 09/17/2019 | ONSSUG Akron-Canton—Akron, OH ohionorth.pass.org |
| 09/19/2019 | NEODBUG quarterly meeting—Crowne Plaza, Independence, OH www.neodbug.org |
| 10/01/2019 | ONSSUG Cleveland—Independence, OH ohionorth.pass.org |

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