

# NEODBUG

E L E C T R O N I C

## Newsletter of the Northeast Ohio Database Users Group

### Northeast Ohio Students of DB2 to Convene August 18

(Convene, get it? This article was written before the RNC in Cleveland)

When in the course of human events, it becomes necessary for one people to seek outstanding DB2 database education, we have your candidate: NEODBUG! We have a great program scheduled for **Thursday August 18 at the Crowne Plaza Cleveland South in Independence**. We welcome two speakers to our August quarterly meeting: **Steen Rasmussen of CA** and **Adrian Burke of IBM**.

\* \* \*

We begin the day with Steen's presentation **"FEEDBACK Tables and Profiles—is it a Dream?"**.

A lot of DB2 sites are using pretty basic RUNSTATS syntax, but they might be missing some hidden gems and not providing the optimizer with adequate statistics resulting in non-optimal performance.

RUNSTATS has always been a challenge in terms of how to code the best possible syntax based on the SQL hitting the table and this task has not become any easier between each release of DB2. DB2 11 provides some great tools to assist with this task and the future looks even more promising. In this presentation, Steen will cover:

- A thorough walk through RUNSTATS profiles.
- DB2 11 SYSSTATFEEDBACK and DSN\_STAT\_FEEDBACK, how does DB2 populate these new tables and when.
- New ZPARM and DB2 catalog entries to control these new features.
- How to "control" and interpret the FEEDBACK tables.
- What's new in autonomics – the perfect marriage.

Later in the morning, Steen will give us **"What's hidden in the ARCHIVES – DB2's answer to 'American Pickers'?"**.

DB2 10 offered temporal tables to optimize, automate and streamline the ability to keep the history of a row's life. DB2 11 adds a different dimension to this area – now it's possible to have DB2 automate archiving data without the need for applications to activate triggers, execute REORG DISCARD processing or even maintain your own programs to achieve archiving. You'll learn what's needed in terms of DDL to enable data archiving automatically as well as the changes needed from the SQL/application view. There's no perfect world (Utopia doesn't exist) so we will also look into the limitations and restrictions when ARCHIVE tables are exploited in DB2 11 NFM. Finally, we will go over what needs to be considered in terms of backup and recovery as well as other DB2 utilities which are impacted. The entire presentation will be done based on a real DB2 11 subsystem to see how all the moving parts work together.



Steen Rasmussen is a Sr. Engineering Services Architect currently instrumental in the ongoing development and support of the CA Technologies DB2 tools. In 1985

(Continued on page 2)



July, 2016 issue  
[www.neodbug.org](http://www.neodbug.org)  
[info@neodbug.org](mailto:info@neodbug.org)

#### IN THIS ISSUE

[August 18 Quarterly Meeting - page 1](#)

[Treasurer's Report - page 3](#)

[Meeting Agenda—page 3](#)

[Upcoming Database Events - page 4](#)

#### BOARD OF TRUSTEES

Michael James  
Chairman

Bill Moran  
Vice Chairman  
BMC Software  
(330) 869-6852

Jim Szabo  
Secretary  
(216) 751-1957

Al Solnick  
Treasurer  
Medical Mutual  
(440) 878-4873

Kirk Bailey  
Maverick Direct

Frank Fella  
Progressive

Kerry Quast  
Westfield Group  
Webmaster

Robert Vargo  
Progressive

Don Zamiska  
Parker Hannifin

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

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

(Continued from page 1)

Steen started as an IMS/DB2 DBA at a major insurance company in Denmark working with all aspects of DB2- tuning, application design and implementation, education of developers, backup and recovery planning and automation of housekeeping processes. Steen has been working with DB2 for z/OS Release 1.0 since 1985 and is always looking for new opportunities in the CA DB2 solutions which can help customers manage DB2 more efficiently. Besides from providing support to the teams in the field as well as internal groups at CA technologies working with DB2, Steen is also a frequent speaker at IDUG in North America, EMEA and Australia as well as local DB2 user groups around the world. Steen last spoke to NEODBUG in November of 2013.

\* \* \*

After lunch, we will have Adrian's presentations, the first of which is ***"DB2 for z/OS Distributed Access – In the Mobile Age"***.

Learn the best practices and updates to distributed access on DB2 for z/OS 10 and DB2 11. As distributed environments become more complicated and important your organization needs a methodology for adjusting timeouts and other thresholds for high availability. We will go over the recommended driver and server configurations for workload balancing, high availability, and client reroute in a data sharing or non-data sharing environment. You will be exposed to recent customer incidents that could have been avoided with the correct proactive driver/server settings. We will also discuss improvements to DDF CANCEL THREAD, location stats, and how to positively identify these distributed threads for problem determination.

For our last presentation of the day, Adrian will give us ***"Avoiding L2 Performance PMRs"***.

Root cause analysis of presumed, or actual DB2 performance issues can be quite tricky in today's diverse environments. Everything from CEC capacity, LPAR utilization, real/virtual storage, WLM settings, PARMLIB members, and DB2 parameters can play a part in performance degradation. Wouldn't it be nice if there were some tools (no-charge ones at that) which could quickly guide you in the direction of the root cause? Not just in text format but with graphs and trending lines that can visually depict the bottle neck and help educate management and colleagues. Many man hours have been wasted studying the effects of a system slowdown. This presentation will walk through a methodology for avoiding these issues.



Adrian Burke is an Open Group Master Certified IT Specialist on the DB2 SWAT team based out of the Silicon Valley Lab, lead by John Campbell. In this role as a technical advocate for DB2 for z/OS Adrian conducts consulting and educational workshops, DB2 health checks, and availability studies for DB2 for z/OS customers. Previously, as a DB2 Advisor, Adrian supported hundreds of DB2 for z/OS customers from a technical sales perspective delivering consultative and educational workshops. Adrian has spoken at numerous DB2 Regional User Groups both in the U.S. and abroad as well as presented at IDUG, SHARE, and IOD. He is also a published Redbook author on material dealing with DB2 performance. This is Adrian's first appearance at NEODBUG.

\* \* \*

When you add up the votes, we think you'll agree that August 18 will be a "Super Thursday"! Use the link at the bottom of this page to register. Remember, the cost of this full day of education is only \$20 for employees of NEODBUG member companies in advance, \$30 for non-member companies.

Hope to see you August 18!

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 July 2, 2016.

### ASSETS

Checking Account	\$ 10,298.68	
Money Market Account	\$ 5,558.48	
PayPal	\$ 0.00	
<b>TOTAL</b>		<b>\$ 15,857.16</b>

### LIABILITIES

Membership Prepayment	\$ 240.00	
<b>TOTAL</b>		<b>\$ 240.00</b>

**NET WORTH** **\$ 15,617.16**

We had a very good turnout for the May 12th meeting with forty paid attendees from ten 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 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 12/31/2016:

BMC Software	(3 Coupons left)	Bureau of Workman's Comp
Erie Insurance	(1 Coupon left)	Key Bank
Medical Mutual	(2 Coupons left)	Parker Hannifin
Sherwin Williams	(3 Coupons left)	
Westfield Insurance	(3 Coupons left)	

Al Solnick  
Treasurer

## August 18, 2016 Meeting Agenda

8:30 - 9:00	Registration	
9:00 - 9:15	Opening Remarks	
9:15 - 10:30	"FEEDBACK Tables and Profiles—is it a Dream?"	Steen Rasmussen CA
10:30 - 10:45	Break	
10:45 - 12:00	"What's Hidden in the Archives – DB2's Answer to 'American Pickers'?"	Steen Rasmussen CA
12:00 - 1:15	Lunch/Networking	
1:15 - 2:30	"DB2 for z/OS Distributed Access – In the Mobile Age"	Adrian Burke IBM
2:30 - 2:45	Break	
2:45 - 4:00	"Avoiding L2 Performance PMRs"	Adrian Burke IBM
4:00 - 4:15	Closing Remarks/Door Prizes	

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
07/18-20/2016	The Data Warehouse Institute (TDWI) Accelerate “Analytics and Data Visualization”—Boston, MA <a href="http://www.tdwi.org">www.tdwi.org</a>
07/31-08/05/2016	SHARE in Atlanta—Atlanta, GA <a href="http://www.share.org">www.share.org</a>
08/02/2016	Ohio North SQL Server User Group—Independence, OH <a href="http://www.ohionorth.sqlpass.org">www.ohionorth.sqlpass.org</a>
08/18/2016	NEODBUG quarterly meeting—Crowne Plaza, Independence, OH <a href="http://www.neodbug.org">www.neodbug.org</a>
09/05-09/2016	International Conference on Very Large Data Bases—New Dehli, India <a href="http://www.vldb.org">www.vldb.org</a>
09/06/2016	Ohio North SQL Server User Group—Independence, OH <a href="http://www.ohionorth.sqlpass.org">www.ohionorth.sqlpass.org</a>
09/13-16/2016	International DB2 Users Group (IDUG) Australasia DB2 Education Event—Sydney, Australia <a href="http://www.idug.org">www.idug.org</a>
09/18-22/2016	Oracle Open World—San Francisco, CA <a href="http://www.oracle.com">www.oracle.com</a>
09/19-22/2016	Enterprise Dataversity—Chicago, IL <a href="http://edv2016.dataversity.net">edv2016.dataversity.net</a>
09/26-30/2016	Microsoft Ignite—Atlanta, GA <a href="http://ignite.microsoft.com">ignite.microsoft.com</a>
09/30/2016	Northeast Ohio Oracle User Group (NEOOUg) business meeting—Independence, OH <a href="http://www.neooug.org">www.neooug.org</a>
10/02-07/2016	TDWI Conference “Analytics Across the Enterprise”—San Diego, CA <a href="http://www.tdwi.org">www.tdwi.org</a>
10/04/2016	Ohio North SQL Server User Group—Independence, OH <a href="http://www.ohionorth.sqlpass.org">www.ohionorth.sqlpass.org</a>
10/24-28/2016	PASS Summit—Seattle, WA <a href="http://www.sqlpass.org">www.sqlpass.org</a>
11/08/2016	Ohio North SQL Server User Group—Independence, OH <a href="http://www.ohionorth.sqlpass.org">www.ohionorth.sqlpass.org</a>
11/10/2016	NEODBUG quarterly meeting—Crowne Plaza, Independence, OH <a href="http://www.neodbug.org">www.neodbug.org</a>
11/11/2016	NEOOUg business meeting—Independence, OH <a href="http://www.neooug.org">www.neooug.org</a>
11/13-18/2016	IDUG European/Middle East/Africa (EMEA) DB2 Tech Conference—Brussels, Belgium <a href="http://www.idug.org">www.idug.org</a>
12/04-09/2016	TDWI Conference “Advancing All Things Data”—Austin, TX <a href="http://www.tdwi.org">www.tdwi.org</a>
12/06/2016	Ohio North SQL Server User Group—Independence, OH <a href="http://www.ohionorth.sqlpass.org">www.ohionorth.sqlpass.org</a>
01/27/2017	NEOOUg business meeting—Independence, OH <a href="http://www.neooug.org">www.neooug.org</a>
03/05-10/2017	SHARE in San Jose—San Jose, GA <a href="http://www.share.org">www.share.org</a>
05/01-04/2017	International DB2 Users Group (IDUG) North American DB2 Tech Conference—Anaheim, CA <a href="http://www.idug.org">www.idug.org</a>
05/17-18/2017	Great Lakes Oracle Conference (NEOOUg)—Cleveland, OH <a href="http://www.neooug.org/gloc">www.neooug.org/gloc</a>
08/06-11/2017	SHARE in Providence—Providence, RI <a href="http://www.share.org">www.share.org</a>
08/28-09/01/2016	International Conference on Very Large Data Bases—Munich, Germany <a href="http://www.vldb.org">www.vldb.org</a>

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