Michigan DB2 Users Group (MDUG)
Quarterly Newsletter

May 2016

Michigan DB2 Users Group
admin@mdug.org

Board of Directors:

Stella Keesling
Finance Director
Comerica

Chuck Hill
Advisory Support
Ford Motor Co.

Matt Brickner
Newsletter & Evaluations
Auto-Owners Insurance

Nhon Do
Director Web Site Support
Ford Motor Co.

Carol Little
Group Coordination
GreenStar Solutions

Kevin J Romanko
Reservation Coordination
Ford Motor Co.

Mike McCarthy
Facility Coordination &
Advisory Support
IBM Corporation

Dave Mazza
Advisory Support,
IBM Corporation

Ron Flannery
Training and Speaker
Coordination Director &
Advisory Support
One Point Solutions

Mark Rader
Speaker Coordination &
Advisory Support
IBM Corporation

Lee Bravender
Speaker Coordination
John Deere

Bill Moran
NEODBUG Liaison & Advisory
Support, BMC Software

Troy Coleman
Advisory Support
IBM Corporation

Founding Members:
IBM Corporation
Platinum Technology

"Keeping members up to date on changes in the DB2 Environment"

MDUG seminars primarily feature topics about DB2 for z/OS. These topics are intended for technical staff, including application developers, system administrators, and database administrators. Occasionally, non-DB2 topics are included to provide members awareness of key issues and developments in information management. Members can submit suggestions for future topics on the meeting evaluation, or by email to admin@mdug.org.

The upcoming all day seminar on Wednesday, May 11ᵗʰ at the Crowne Plaza in Novi, MI features four sessions from two outstanding speakers. The morning sessions will be presented by Robert Catterall of IBM. In Robert's first session attendees will hear about things that many DBA's get wrong when dealing with misunderstood areas of DB2. Robert's second session will review common questions and answers surrounding the Distributed Data Facility. The afternoon sessions will be presented by Troy Coleman of IBM. Troy's first session will outline the optimization and performance features of DB2 11 for z/OS. In his second session Troy will elaborate on the power of running DB2 for LUW right on the mainframe, under Linux for System Z.

TO REGISTER: Send an email to **reservations@mdug.org** with your name, your membership type (Corp, Vendor or Ind.), and if appropriate the number and name of additional attendees. **Reservation deadline is on Friday May 6ᵗʰ, but if there are still seats available reservations will be taken up until noon on Monday May 9ᵗʰ.**

ATTENDANCE FEES: For MDUG members, the cost for attendance at the seminar is covered by the yearly membership fee, so make sure to renew before or at the seminar. For Non-members the cost for 2016 is $40 at the seminar, payment in either cash or check. Credit cards are not accepted at the door. Please see the Membership section below for payment options and **note our reduced rates for the 2016 year.** All membership fees for the year are payable before or at the first seminar.

Invoices for renewing membership in 2016 have been sent out to past members so look for them in your inbox.

FUTURE TRAINING: Details can be found under the News for Members section about the potential for future training.

MOST REQUESTED TOPICS: "DB2 Performance and Tuning" was the most future requested topic based on the 21 evaluation results submitted from the November 2015 seminar.

Web Cast: See the announcement about a DB2 V12 web cast in the **News for Members/Current Events** section.

Seminar dates for 2016:

May 11, 2016 – Crowne Plaza, Novi
August 17, 2016 – Crowne Plaza, Novi
November 9, 2016 – Crowne Plaza, Novi

MDUG is an affiliate of IDUG (international DB2 User Group), and is chartered under the State of Michigan. It promotes the awareness of DB2 in solving business problems by providing a non-profit forum for presenting new functionality, features, ideas, and usage of DB2. This forum is used for communications among DB2 users in the Southeastern Michigan area, as well as bringing together others throughout the state.

MDUG

May 11th, 2016 - Seminar Agenda

8:15 am – 9:00 am   **Check In / Continental Breakfast**

9:00 am – 9:05 am   **Meeting kickoff and opening comments**

9:05 am – 10:20 am   **"Let Me Make This Clear (Things That Plenty of DB2 for z/OS People Get Wrong)"**
                           Speaker: Robert Catterall (IBM)

10:20 am – 10:40 am   **Break**

10:40 am – 12:00 pm   **"DB2 for z/OS Distributed Data Facility Questions -- and Answers"**
                           Speaker: Robert Catterall (IBM)

12:00 pm – 1:00 pm   **Lunch – included as part of the seminar**

1:00 pm – 2:15 pm   **"Query Optimization and Performance in DB2 11 for z/OS"**
                           Speaker: Troy Coleman (IBM)

2:15 pm – 2:30pm   **Break**

2:30 pm – 3:45 pm   **"DB2 for Linux on System Z"**
                           Speaker: Troy Coleman (IBM)

Presentation Handouts:
Seminar presentations will be made be available in soft copy format, as available, prior to the seminar and will be posted on the MDUG web site as they are made available. If posted, the presentations **should** be downloaded and printed from the MDUG web site www.mdug.org and brought to the seminar as these speakers will not be bringing hard copies to the seminar. Please check the web site for the presentations prior to the seminar.

Remember to keep current with DB2 by visiting our web page at www.idug.org or liking us on Facebook at https://www.facebook.com/pages/Michigan-DB2-User-Group/217301778292137

MDUG

Presentation Abstracts

Presentation #1:

"Let Me Make This Clear (Things That Plenty of DB2 for z/OS People Get Wrong)"
Speaker: Robert Catterall (IBM)

Some aspects of DB2 for z/OS technology are plain as day; others, less so. Questions I get from DB2 users worldwide have highlighted for me things that a lot of folks - even very experienced DB2 people - get wrong. In this session I'll try to bring clarity to oft-misunderstood areas of DB2 for z/OS technology.

Presentation #2:

"DB2 for z/OS Distributed Data Facility Questions -- and Answers"
Speaker: Robert Catterall (IBM)

The DB2 distributed data facility (DDF) is, increasingly, the primary channel through which DB2 for z/OS data is accessed. As DB2 people deal with the growing volume and variety of DDF workloads, associated questions come to the fore. How do you effectively monitor DDF activity? How should DDF-using applications be architected? How can a DDF workload be managed and controlled? How do I secure data accessed via DDF? This session will provide answers to these and related DDF questions -- questions asked by real users in the real world.

Presentation #3:

"Query Optimization and performance in DB2 11 for z/OS"
Speaker: Troy Coleman (IBM)

Query performance and optimization are critical to total cost of ownership for DB2 for z/OS applications. 12 months after GA, learn about the latest updates and feedback about the DB2 11 enhancements to query performance and optimization. DB2 11 for z/OS is packed with query performance improvements - predicate rewrites to improve indexability, hash join optimizations, duplicate removal enhancements, DPSIs, subqueries ... If you are interested in improving performance for your DB2 applications, then don't miss this session.

Presentation #4:

"DB2 for Linux on System Z"
Speaker: Troy Coleman (IBM)

Come learn about the power and benefits of running DB2 LUW on Linux for System z. This presentation will look at the 16 year history, including the latest advances in DB2 technology. This session will show the advantages of DB2 BLU acceleration when running on z13 hardware. Learn new ways to exploit using your mainframe and DB2.

MDUG

Speaker Biographies

Robert Catterall (IBM)

Robert Catterall works for IBM as a Senior Consulting 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, and a member of IDUG's Speakers Hall of Fame. He presents frequently at conferences, and blogs about DB2 for z/OS at http://robertsdb2blog.blogspot.com/.

Troy Coleman (IBM)

Troy Coleman is currently an IBM DB2 Advisor for z/OS. He brings a variety of skills focused around DB2: product management, DB2 systems programmer, installing and configuring DB2, application DBA, and application developer. Troy writes a weekly DB2 for z/OS blog for IBM Systems Magazine called DB2utor. Troy has been active in the DB2 community as a board member for the Chicago Midwest Database User Group (MWDUG) and as a former board member of IDUG. He holds the prestigious title of IBM Information Management Champion from 2011-2015. He is an internationally recognized consultant and lecturer specializing in DB2 database administration and application architecture. Troy has experience on many leading hardware platforms, including DB2 for z/OS, Windows, AIX, Solaris and Linux. Troy was the architect and lead developer of the first wireless database management software for DB2 UDB, PocketDBA, by Expand Beyond Corp.

Seminar Logistics:
Seminar onsite check in begins at 8:15 am and the seminar will begin at 9:00am. The cost of the seminar is covered by the yearly membership fee, if you are a member, and includes a continental breakfast and lunch. The 2016 cost for non-members is $40 and covers attendance at the seminar, the continental breakfast and lunch.

Maps and directions to the Crowne Plaza Hotel are available at the MDUG web site: www.mdug.org

Registrations:
You can register yourself and/or your site/Company attendees by sending an email with your full name, company name, and registration count (if making reservations from more then yourself) to **reservations@mdug.org**. Please include the name of all attendees in the email message and the **type of membership; corporate, individual shared or vendor** that you will be attending under. Confirmation is available upon request only. Early registration for the seminar will be taken until the end of the day on May 6th

MDUG

(Friday before the seminar). Late registration until noon on Monday, May 9th, if seating is still available.   Respond early to guarantee yourself a spot.

News for Members

1. **November 2015 Topic Feedback**

21 evaluations were returned form the November 2015 sessions. The MDUG board uses this information to assist in planning future seminars.

# of Votes	Potential Topics
13	DB2 Performance & Tuning
11	New DB2 Releases
8	DB2 Disaster Recovery
7	DB2 Application Tuning
7	DB2 Warehousing
6	DB2 Performance Tools
5	DB2 Experiences
5	DB2 Utilities
5	DB2 Using CICS/IMS
4	Using Stored Procedures
4	DB2 Programming/Application Development
4	Supporting DB2
4	DB2 Supporting Software
4	DB2 Web Connectivity/Usage
2	DB2 Interconnectivity
2	Other (i.e. DSNDB07 considerations, analytics)

2. **November 2015 Speaker Feedback**

Rating based on a scale of 1 – 5 with 5 as the highest rating.

Presenter/Presentation Topic	Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
Mark Rader/Customer Experience: Solving an Intermittent DB2 Problem with System Profile	4.63	4.63	4.95	4.74	4.56	4.63
Mark Rader/Large Memory: Boosting DB2 for z/OS Performance	4.60	4.60	4.85	4.60	4.61	4.55
Terri Kemmer/DB2 for z/OS Utilities Update	4.26	4.11	4.16	4.22	4.25	4.22
Kai Stroh/Test Data Management Concepts and Methods	4.44	4.50	4.81	4.50	4.38	4.44

3. Past Seminars

 Presentations for past seminars are available online at: www.mdug.org   under the "Past Seminars" section.

4. MDUG Membership

There are four types of memberships; Individual, shared, corporate, and vendor. Membership details are posted on the web site: www.mdug.org.

Memberships are annual and run from the first seminar of the year through December and allow for attendance at all seminars for the year. MDUG accepts payment directly in cash or check on site at a seminar. Checks should be made payable to Michigan DB2 User Group (MDUG).   Credit cards are accepted only through PayPal. All memberships are contingent on payment of the annual membership fee.

Membership forms along with membership details and instructions on paying via Paypal can be downloaded from the MDUG web site www.mdug.org by clicking on the Membership and Fees. Inquiries on the status of corporate/company memberships should be sent to the MDUG email box at finances@mdug.org.

Invoices were sent out recently to 2015 members of record.   If you didn't receive yours, or need an invoice, send an email to finances@mdug.org requesting one.

5. Membership & Attendance Fees

Fees for 2016 are posted on the MDUG web site (www.mdug.org). Due to logistical issues MDUG will only be hosting 3 events in 2016. As a result, we are pleased to offer the following reduced rates for 2016 membership.

If paying by check or cash:

Individual - $80 (Previously $140)
Corporate - $300 (Previously $540)
Vendor - $350 (Previously $640)
Meeting - $40 (Previously $55)

6. Recent and Future Training

Based on interest, MDUG will consider future training in the coming year. If you're interested in attending such training or just want more information, please send an email to training@mdug.org.

Additionally if there continues to be enough interest in training in the future, MDUG will consider holding a yearly one day training class.   Look for questions on future newsletters

and evaluations, so you can let us know if you are interested in future training, or if upcoming training is planned.

7. <u>Current Events</u>

DB2 12 is on the horizon! On Tuesday, March 29th IBM Distinguished Engineer John Campbell gave a thorough presentation on the highlights of the DB2 12 for z/OS Early Support Program. If you missed the live presentation on the 29th, you can still replay the presentation on demand from start to finish by registering for the event at the link below and logging in to the event room.

[Click here to register and view this outstanding webcast!](#)