Michigan DB2 Users Group (MDUG)
Quarterly Newsletter

June 2017

Michigan DB2 Users Group
admin@mdug.org

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"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 June 7th at the Crowne Plaza in Novi, MI features four sessions from three outstanding speakers. Both morning sessions will be presented by Mark Rader of IBM. Mark will be presenting an opening session on the new DB2 for z/OS Continuous Delivery Model where he will explain how IBM is making new features available faster and more accessible than ever. In his second session Mark will discuss DB2 12 migration considerations including details on how his first topic may change your strategy. The first afternoon sessions will be presented by Kevin McGuinn of BMC Software. Kevin is going to present the topic of Mainframe Transformation, outlining how the mainframe is growing to support and interact with the latest technologies for digital business. The final session of the day will be presented by IBM distinguished engineer, Nigel Slinger. Nigel will be presenting on IBM's complete machine learning solution on z/OS, explaining how it can harness and extract hidden value from your enterprise data.

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 Wednesday May 31st, but if there are still seats available reservations will be taken up until noon on Friday June 2nd. We have been asked by Crowne Plaza to confirm our numbers earlier than in the past, please have your registrations in by the Wednesday before the session if at all possible in order for us to accurately prepare seating and lunch for the session without over-booking.**

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 2017 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. All membership fees for the year are payable before or at the first seminar.

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 requested future topic based on the 24 evaluation results submitted from the May 2017 seminar.

SOCIAL MEDIA: Keep up with the latest from the local DB2 community by liking the "Michigan DB2 User Group" Facebook page. Watch for us on LinkedIn in the near future and as always on our web site at www.mdug.org.

CROWNE PLAZA CONSTRUCTION\NAME CHANGE: We will again be holding our sessions at the Crowne Plaza in Novi, however the site is under construction and the name is in the midst of a change to "Novi Oaks". We are unaware how much of the signage has been switched so if you've been to our meetings before, please go to the normal location and just be aware that there might be mixed signage for both "Crowne Plaza" and "Novi Oaks" and that they are in fact the same site.

MDUG PLANS FOR 2017: Invoices for 2017 were sent out this past weekend. We are planning additional 2017 sessions for June 7th, September 13th, and December 6th. Speakers and topics will be determined at a later date.

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.

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June 7th - 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	**"DB2 z/OS Concurrent Delivery Model"** **Speaker: Mark Rader (IBM)**
10:20 am – 10:40 am	**Break**
10:40 am – 12:00 pm	**"DB2 z/OS v12 Migration Considerations"** **Speaker: Mark Rader (IBM)**
12:00 pm – 1:00 pm	**Lunch – included as part of the seminar**
1:00 pm – 2:15 pm	**"Transforming Mainframes for Digital Business"** **Speaker: Kevin McGuinn (BMC)**
2:15 pm – 2:30pm	**Break**
2:30 pm – 3:45 pm	**"The Machine Learning Advantage – DB2 z/OS and Machine Learning"** **Speaker: Nigel Slinger (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.

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Presentation Abstracts

Presentation #1:

"DB2 z/OS Concurrent Delivery Model"
Speaker: Mark Rader (IBM)

DB2 for z/OS is now offering continuous delivery of new features. Taking advantage of new capabilities and enhancements for DB2 for z/OS is now faster and more accessible than ever before thanks to continuous delivery. In DB2 12, an environment is created where new functions can be delivered as activatable function levels multiple times a year, as opposed to waiting for the next DB2 version. Continuous delivery can help DB2 for z/OS customers by:
- Delivering new function when the quality is right
- Maintaining a stable environment
- Reducing costs associated with migration disruptions in a 3-year upgrade cycle
- Allowing systems to adopt new functions quicker
- Creating stable environments for applications to be developed, tested and deployed

Presentation #2:

"DB2 z/OS v12 Migration Considerations"
Speaker: Mark Rader (IBM)

With the introduction of function levels within DB2 for z/OS 12, customers can choose when and which enhancements are implemented. These include virtual storage enhancements, new subsystem parameters, optimization enhancements (for static SQL statements, this means package bind/rebind after the function level activation) and new SQL capabilities.

Presentation #3:

"Transforming Mainframes for Digital Business"
Speaker: Kevin McGuinn (BMC)

This presentation will cover how the role of the mainframe is changing to adapt to the new economy, where digital drives everything. Many organizations rely on the mainframe for critical business processing, and those who are embracing digital business are thriving. Go digital or Go extinct. We'll review how this new digital activity impacts the mainframe and how these digital pressures will only continue to increase. How are you going to stay in touch with your new technological consumer? What new technology are you going to adopt? Social and the Internet of Things, Mobile apps, Analytics, Cloud, Big Data, Automation, Mainframe? Are you going to use business intelligence, analytics, or possibly even Watson to stay in touch with your customer to find insights? Finding insights in your data – doesn't that generate more data? How are you going to manage your new digital business infrastructure? How do you plan to service your technological consumers with the information they need in a timely manner?

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Presentation #4:

"The Machine Learning Advantage – DB2 z/OS and Machine Learning"
Speaker: Nigel Slinger (IBM)

Data is everywhere and organizations are looking to uncover meaningful insights from their data. IBM offers a complete machine learning solution to help you extract hidden value from enterprise data with IBM Machine Learning for z/OS. This solution helps organizations quickly ingest and transform data to create, deploy and manage high quality self-learning behavioral models. Using IBM z Systems data securely, in place and in real time Machine Learning for z/OS can help you more accurately anticipate customer and business needs.

Speaker Biographies

Mark Rader (IBM)

Mark Rader is a Senior Consulting IT Specialist with IBM working with DB2 for z/OS clients. He has over 31 years of technical experience with IBM, primarily with DB2 for z/OS. He focuses on data sharing, performance, availability, distributed client access to DB2 for z/OS and DB2 and WLM interaction. He has led many DB2 data sharing implementations and has presented a variety of topics at conferences and at regional user group meetings. He has worked closely with DB2 development in delivering the early support programs for DB2 11 and 12. He is an author of redbooks on Parallel Sysplex application considerations, DB2 data

Kevin McGuinn (BMC)

Kevin McGuinn is an Area Vice President of the Customer Success Organization at BMC Software. He leads the ZSolutions Technical Software Consultants for the Americas and the Technical Success Managers and Technical Enablement Globally. He has been working with and leading both distributed and mainframe field teams in a variety of positions at BMC for over 30 years.

Nigel Slinger (IBM)

Nigel Slinger is an IBM Distinguished Engineer in Analytics Development. He currently serves as the lead architect for IBM's Machine Learning capabilities for z Systems customers. In addition, he also leads the World Wide Technical support team providing L2 support to customers. He is regarded as one of the ultimate authorities on overall DB2 problem determination especially in the DB2 storage manager area which he helped to design.

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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 2017 cost for non-members is $40 and covers attendance at the seminar, the continental breakfast and lunch.

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 31st (Wednesday before the seminar). Late registrations may be taken until noon on Friday, June 2nd, if seating is still available. Respond early to guarantee yourself a spot.

News for Members

1. **March 2017 Topic Feedback**

   24 evaluations were returned from the March 2017 sessions. The MDUG board uses this information to assist in planning future seminars.

# of Votes	Potential Topics
8	DB2 Performance and Tuning
7	Connecting to DB2 Data from Cloud Applications
7	Integrating Cloud and DB2 Data
7	DB2 Application Tuning
5	DB2 Disaster Recovery
4	Data Warehousing
4	New DB2 Releases
4	DB2 Performance Tools
4	DB2 Supporting Software
3	DB2 Utilities
3	DB2 Web Connectivity/Usage
3	DB2 Interconnectivity
3	DB2 Programming/Application Development
2	DB2 Using CICS/IMS
1	Supporting DB2
1	Using Stored Procedures
1	DB2 Experiences
1	Other - Mobile Application Use of DB2
1	Other - DB2 Max Dataset Size and Universal Tablespace

2. March 2017 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
Sheryl Larsen - SQL Performance in the Digital World (Part 1)	4.58	4.42	4.71	4.32	4.06	3.65
Sheryl Larsen - SQL Performance In The Digital World (Part 2)	4.50	4.29	4.63	4.05	3.82	3.48
David Simpson - Stored Procedures & SQL PL	4.57	4.65	4.74	4.57	4.56	4.55
David Simpson - Fun with SQL	4.53	4.65	4.72	4.71	4.67	4.69

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.

5. Membership & Attendance Fees

Fees for 2017 are posted on the MDUG web site (www.mdug.org) and outlined below.

If paying by check or cash:

Individual - $110
Shared - $180
Corporate - $400
Vendor - $470
Meeting - $40

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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. Current Events

DB2 Utilities Update for DB2 12! On Tuesday, February 7th Haakon Roberts of IBM gave a thorough presentation on the DB2 Utility updates for DB2 12 for z/OS. If you missed the live presentation, 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!

Delivering New Capabilities Faster For Increased Productivity! On Tuesday, September 27th IBM Distinguished Engineers John Campbell and Chris Crone gave an exciting presentation outlining a new strategy for releasing DB2 enhancements to customers. If you are a DB2 for z/OS customer, you will want to know about this change and how to take advantage of it at your shop. If you missed the live presentation on the 27th, 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!