



Michigan DB2 Users Group (MDUG)

Quarterly Newsletter

March 2017

“Keeping members up to date on changes in the DB2 Environment”

Michigan DB2 Users Group
admin@mdug.org

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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 March 8th at the Crowne Plaza in Novi, MI features four sessions from two outstanding speakers. The morning sessions will be presented by Sheryl Larsen of BMC. Sheryl will be presenting her two part series on SQL Performance in the Digital World. She will deep dive into techniques she has used in her years of experience to identify and tune poor performing SQL and the impacts this can have on your environment. The afternoon sessions will be presented by David Simpson of Themis. David's first session will introduce you to DB2 Stored Procedures and the SQL PL coding language. Learn how easy it can be to write simple programs using SQL PL. David's second session will test your SQL skills with a series of interactive team based SQL challenges. David will serve as a SQL Dojo moderator as you collaborate with your peers in a non-competitive fun environment to see who can come up with the best SQL solution! **All of these sessions make for great topics to share with your development teams, please pass this along to others in your company who may be interested in SQL performance. We hope to see you there!**

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 March 1st, but if there are still seats available reservations will be taken up until noon on Friday March 3rd. 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” and “New DB2 Releases” tied for the most requested future topic based on the 28 evaluation results submitted from the November 2016 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.

WEBCASTS: For the latest on DB2 12 and IBM's recent changes to their enhancement delivery model see the webcast links in the [News for Members/Current Events](#) section.

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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March 8th - Seminar Agenda

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|---------------------|---|
| 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 | "SQL Performance in the Digital World (Part 1)"
Speaker: Sheryl Larsen (BMC) |
| 10:20 am – 10:40 am | Break |
| 10:40 am – 12:00 pm | "SQL Performance in the Digital World (Part 2)"
Speaker: Sheryl Larsen (BMC) |
| 12:00 pm – 1:00 pm | Lunch – included as part of the seminar |
| 1:00 pm – 2:15 pm | "Stored Procedures & SQL PL"
Speaker: David Simpson (Themis) |
| 2:15 pm – 2:30pm | Break |
| 2:30 pm – 3:45 pm | "Fun with SQL"
Speaker: David Simpson (Themis) |

Presentation Handouts:

Seminar presentations will be made 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:

"SQL Performance in the Digital World (Part 1)"

Speaker: Sheryl Larsen (BMC)

The Digital World includes all kinds of transactions most of which contain SQL. Trapping and fixing nonperforming SQL has gotten more complicated or has it? The speed at which SQL performance problems need to be resolved has shrunken to .1ms or 0 – meaning that they should never happen. Come learn tips and techniques that can assist you in today's Digital World.

Objective 1: When your monitors find this, what should you do?

Objective 2: What crazy SQL can do to you?

Objective 3: Finding the most expensive query running in the peak

Objective 4: Some old and new tuning techniques

Objective 5: Monetize your MLC savings with compares

Presentation #2:

"SQL Performance in the Digital World (Part 2)"

Speaker: Sheryl Larsen (BMC)

Part 2 of Sheryl's first presentation

Presentation #3:

"Stored Procedures & SQL PL"

Speaker: David Simpson (Themis)

Learn to code simple programs in the SQL Procedure Language (SQL PL). This is the language used by most stored procedures being written today on DB2 for LUW and z/OS. We'll see the basics of the syntax and discover just how easy it is to code stored procedures using this language.

Presentation #4:

"Fun with SQL"

Speaker: David Simpson (Themis)

This session is an interactive, hands-on, fun way to learn more about the SQL language. Operating as a SQL Dojo, attendees will work in groups to solve a series of SQL challenges provided by the session leaders. Groups will alternate and share time on the keyboard in five minute segments. Each group will try to solve the challenge and can accept suggestions from other participants. Session leaders will provide possible solutions at the end. There will be a mix of small and big challenges - some easier, some more difficult. Show off your SQL mojo while enjoying this SQL dojo.

Here is a link to a video about Fun with SQL <https://vimeo.com/169153716>

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Speaker Biographies

Sheryl Larsen (BMC)

Sheryl M. Larsen is a Sr. DB2 Product Specialist at BMC. Previously she worked for IBM, Sheryl M. Larsen, Inc., and Platinum Technology. She is known for her extensive expertise in SQL Tuning and has performed detailed DB2 Performance Health Checks for many fortune 500 clients. Sheryl has over 25 years' experience in DB2, has published many articles, white papers and co-authored a book, DB2 Answers, Osborne-McGraw-Hill, 1999. Currently she is the President of the Midwest DB2 User Group - www.mwdug.org, and a member of the Northern Illinois University Computer Science Alumni Council.

David Simpson (Themis)

David Simpson is currently Vice President 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 business 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.

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.

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 than 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 March 1st (Wednesday before the seminar). Late registrations may be taken until noon on Friday, March 3rd, if seating is still available. Respond early to guarantee yourself a spot.

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News for Members

1. November 2016 Topic Feedback

28 evaluations were returned from the November 2016 sessions. The MDUG board uses this information to assist in planning future seminars.

<i># of Votes</i>	<i>Potential Topics</i>
10	DB2 Performance and Tuning
10	New DB2 Releases
7	DB2 Application Tuning
7	DB2 Disaster Recovery
7	DB2 Performance Tools
7	DB2 Utilities
6	DB2 Experiences
6	Supporting DB2
6	Integrating Cloud and DB2 Data
5	DB2 Using CICS/IMS
4	Connecting to DB2 Data from Cloud Applications
3	DB2 Supporting Software
2	Data Warehousing
2	DB2 Interconnectivity
2	DB2 Programming/Application Development
2	Using Stored Procedures
1	DB2 Web Connectivity/Usage
0	Other

2. November 2016 Speaker Feedback

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

<i>Presenter/Presentation Topic</i>	<i>Topic Value</i>	<i>Session Content</i>	<i>Speaker</i>	<i>Material Covered</i>	<i>Handouts</i>	<i>Visuals</i>
Tony Poole - Trusted Context and Roles - How are you serving up your security?	4.46	4.29	4.00	4.22	3.88	3.77
Tony Poole - The natives are getting Restless, an overview of DB2 Stored Procedures	4.16	3.68	3.63	3.58	3.56	3.69
Randy Ebersole - DB2 for z/OS V12 Early View	4.61	4.78	4.72	4.67	4.53	4.61
Randy Ebersole - Everything a DB2 for z/OS Application Developer Needs to Know About the DB2 Engine in 3.6 milliseconds	4.77	4.69	4.77	4.69	4.58	4.62

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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

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

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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!](#)