



Michigan Db2

Users Group

MDUG Newsletter, August 2021

Website: www.mdug.org
Email: admin@mdug.org

AUGUST 26TH MEETING AGENDA

- 10:00** Intro: Bob Vargo
10:15 Dan Luksetich
11:20 Jim Dee (BMC)
12:25 Thomas Beavin (IBM)
1:25 Q & A

Registration:

[REGISTER HERE](#)

Please Include:

Follow the above link and fill out your information to register. Once registered you will receive and email with a link to the December Webex.

Registration Deadline:

August 25th

Fees:

Free of Charge

August 26th Virtual Seminar!

We are excited to announce that MDUG has once again teamed up with CODUG (Central Ohio Database Users Group) and NEODBUG (Northeast Ohio Database Users Group) to sponsor a virtual user group session on Thursday, August 26th!

The August 26th Virtual MDUG session will feature the following sessions:

- Db2 For z/OS Index Performance Recommendations
 - Presented by Dan Luksetich
- Squeeze Your Data With Db2: A History of Compression
 - Presented by Jim Dee of BMC Software
- Optimize Db2 for z/OS with Machine Learning using IBM Db2 AI for z/OS
 - Presented by Thomas Beavin of IBM

This virtual seminar will be held via webex and will be free of charge. As such we are not limiting our audience to current user group members. Invite a friend or coworker who may not have had the chance to attend in person in the past and let them experience what MDUG is all about! Please register by clicking the REGISTER HERE link to the left on this page and filling out your registration information. Once registered you will receive an email response with your link to the event.

On behalf of MDUG we sincerely hope everyone is staying safe and healthy and are looking forward to hearing from you in December!

Presentation Details

Dan Luksetich

Dan Luksetich is a Db2 DBA consultant. He works as a DBA, application architect, presenter, author, and teacher. Dan has been in the information technology business for over 35 years, and has worked with Db2 for over 30 years. He has been an application programmer, Db2 system programmer, Db2 DBA, and Db2 application architect. His experience includes major implementations on z/OS, AIX, i Series, Windows, and Linux environments. His industry experience includes retail, banking, fraud detection, analytics, government, and utility. He specializes in highly available, high-volume transaction processing against very large database systems.

Dan will be presenting on the following topic:

Db2 For z/OS Index Performance Recommendations

Many considerations can be made regarding design choices when building and maintaining Db2 for z/OS indexes with regard to high performance. This presentation is going to attempt to address many of those choices, but it is the combination of knowing how an application is going to use the database as well as adequate testing to make the appropriate design decisions.

Jim Dee (BMC)

Jim Dee is a Corporate Architect in the Data Management organization in R&D at BMC Software. He is responsible for the technical content and integration of the DB2 for z/OS product lines. He has worked at BMC since 1990, mostly in DB2 Backup and Recovery, as a developer, product author, and architect, and has held his current position as Chief Architect since 2007. Prior to joining BMC Software, Jim worked at various employers in the IT industry for 16 years. He worked as an application developer, systems programmer, DBA, and vendor developer. Jim has a B.A in Mathematics with a minor in Computer Science from Queen's University in Kingston, Ontario.

Jim will be presenting on the following topic:

Squeeze Your Data With Db2: A History of Compression

This beginner's level presentation quickly covers the history of compression in Db2 for z/OS, from V3.1 to Db2 12. We will review the original tablespace row compression, index compression, LOB compression, and Huffman compression, with a glance at some application performance considerations.

Thomas Beavin (IBM)

Thomas Beavin has been in Db2 for z/OS development for the past 35 years. Starting out in the Db2 Utilities team, Tom worked in the LOAD/REORG area for many years, and then in 1994 switched to developing the access path selection area of the Db2 for z/OS query optimizer, where he has been ever since. Tom was one of the chief architects of the SQL Performance feature of Db2 AI for z/OS, which is focused on improving access path selection using AI. Tom has numerous patents, mostly related to query optimization, and is an IBM Master Inventor (emeritus).

Thomas will be presenting on the following topic:

Optimize Db2 for z/OS with Machine Learning using IBM Db2 AI for z/OS

Today's complex environments require skill sets even beyond the abilities of accomplished database administrators. Organizations with Db2 for z/OS are looking for new approaches to improve IT operations by using machine learning and AI technology.

IBM Db2 AI for z/OS uses machine learning services and AI technology to:

- Gain insight into the health of IBM Db2 for z/OS subsystems
- Help maintain optimal query performance
- Protect your Db2 for z/OS subsystems from unexpected remote threads and connections

Learn about the latest developments in Db2ZAI and how it uses the power of machine learning to optimize your Db2 for z/OS subsystems.

Seminar Logistics

Day of the Seminar:

Seminar will be held online via Webex Meetings. The link provided by MDUG at registration time will take you to the meeting webpage where you can join the Webex. If you have not used Webex in the past, you may need to accept the Webex add-on and allow a small installer to run. Once in the meeting you will have to connect to the audio, either using your PC audio or calling in by phone. Instructions for both will be provided in the audio area of the webex.



We ask that you mute your microphone for the majority of the session to avoid background noise over the speakers. Questions can be entered via the chat feature throughout the seminar and the speakers will stop at designated times to respond. At the end of the three sessions, there will be a group Q & A facilitated by Bill Moran of BMC where open discussion can be held verbally on a variety of topics.

Presentation Handouts:

Seminar presentations will be made be available in soft copy format prior to the seminar and will be posted on the MDUG web site at www.mdug.org as they are received by the MDUG Board. Speakers will not be bringing hard copies to the seminar. Please check the web site for the presentations prior to the seminar.

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

Registration:

You can register yourself by clicking the Registration Link and filling out your information. Once registered, you will receive an email with your link to the Webex meeting. Registration will be open until end of day on Wednesday, August 25th.

MDUG Membership:

Membership details for a standard year membership are posted on the web site: www.mdug.org. Due to the constantly changing status of COVID-19, membership handling for the 2020 and 2021 years is being reviewed and details about future in-person meetings are still to be determined. MDUG will relay any pertinent membership information to our members as soon as decisions are made.

Typical Annual Membership Fees (to be adjusted once in-person seminars resume)

Plans for 2021:

Thank you to those of you who participated in the training session with Susan Lawson in January and our seminar in May. In addition to the August 26th seminar, we will be holding another seminar at a future determined date in December

Individual - \$140

Shared - \$180

Corporate - \$540

Vendor - \$540

Meeting - \$60

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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.