

Michigan Db2 Users Group

Quarterly Newsletter, September 2018

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

SEPTEMBER 12TH MEETING AGENDA

- 8:15** Check In and Breakfast
- 9:00** Opening Comments
- 9:15** Beulke Session 1
- 10:30** Break
- 10:45** Beulke Session 2
- 12:00** Lunch (Provided)
- 1:00** Casey Session 1
- 2:15** Break
- 2:30** Casey Session 2
- 3:45** Closing Comments

The September 12th MDUG session will feature the following speakers:

Dave Beulke (Dave Beulke & Associates)

Dave is an internationally recognized DB2 consultant with over 25 years in the industry, who performs application DB2 performance reviews for Fortune 500 clients. He is known for his extensive expertise in DB2 high performance development and tuning. Dave's expertise is in business intelligence data warehouse, Internet applications, Java architectures and system/application performance. Dave is a frequent speaker at local, national and international conferences, as well as a columnist for DB2 Magazine and former editor of the IDUG Solutions Journal. Dave has also been an instructor for The Data Warehouse Institute (TDWI) and a past president of the International DB2 Users Group.

Dave will be presenting the following topics:

- Best Performance and Design Practices for Analytic Applications
- Db2 Security Best Practices Volume II

Registration Contact:
reservations@mdug.org

Abstracts on page 2

Please Include:

*Your membership type
and the full name of all
attendees*

Registration Deadline:
September 5th

Attendee Fees:
See Page 4

John Casey (Rocket Software)

John Casey is a Senior Solutions Advisor at Rocket Software. He works closely with IBM sales teams providing support to customers on the IBM data virtualization products. He joined Rocket in 2017 after twenty years as a technical specialist at IBM, where he worked with customers on the Db2 tools for z/OS.

John will be presenting on the following topic:

- Data Server Manager on DB2 for z/OS
- Data Virtualization Manager

Abstract on page 2

Presentation Abstracts

Dave Beulke

Best Performance and Design Practices for Analytic Applications

With today's cloud, application appliance and columnar database alternatives implementing another analytic data silo is quickly and easily done. Architecting enterprise analytical systems requires comprehensive data management and usage analysis to build the proper performance infrastructure design pattern. Having designed, deployed and implemented successful 5 billion, 8 billion, and 22 billion row analytical database systems, this presentation will discuss the design patterns that provide sustainable performance for fast analytic answers. Through this presentation you will learn the enterprise analytics architectures, the special design patterns and techniques to maximize performance for fast analytic answers.

Db2 Security Best Practices Volume II

Implementing the best security techniques and strongest configuration is mandatory these days for safe guarding your data. This presentation discusses the latest DB2 security methods, procedures and techniques for fortifying DB2 systems, databases and applications. Security for your software configurations, application connections and best practices for applications are required for safe guarding your data against internal and external hacking threats. This seminar details DB2 z/OS and DB2 LUW security strategies such as the impacts of encryption, database design security techniques and how best implement a multi-layered DB2 security data perimeter. You will leave this presentation with the latest up-to-date DB2 security techniques and procedures that will help you guard against the many hacker treats and applications issues that can inadvertently expose your data.

John Casey

Data Server Manager on DB2 for z/OS

IBM Data Server Manager helps administer, monitor, manage, and optimize the performance of IBM data management platforms across the enterprise. Data Server Manager (DSM) was first introduced to DB2 for Linux, UNIX and Windows. This session looks at DSM and its support of DB2 for z/OS users. We'll explore the Base Edition and how with one simple IBM DSM server installation, you can access multiple IBM data management platforms without the need to install or update any client code.

We'll also cover some of the current DSM support in DB2 for z/OS tools and solutions. We will provide a glimpse into future directions for DSM for z/OS to extend your current investment in DB2 tools and solutions.

Data Virtualization Manager

In addition to being a standalone product, there is also a subset of it embedded in three other products - QMF for z/OS, Accelerator Loader and Open Data Analytics (a prerequisite for Machine Learning on z/OS).

Seminar Logistics

Day of the Seminar:

Seminar will be held at the Four Points by Sheraton Hotel in Novi. Onsite check in begins at 8:15 am with a continental breakfast provided and sessions will begin at 9:00 am. Continental breakfast and lunch at the conference are included and covered by your membership fees.

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 "Past Seminars" section.

Registration:

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 for 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 September 5th (Wednesday before the seminar). Late registrations may be taken until noon on Friday, September 7th, if seating is still available. Please respond as early as possible to guarantee yourself a spot.

MDUG Membership:

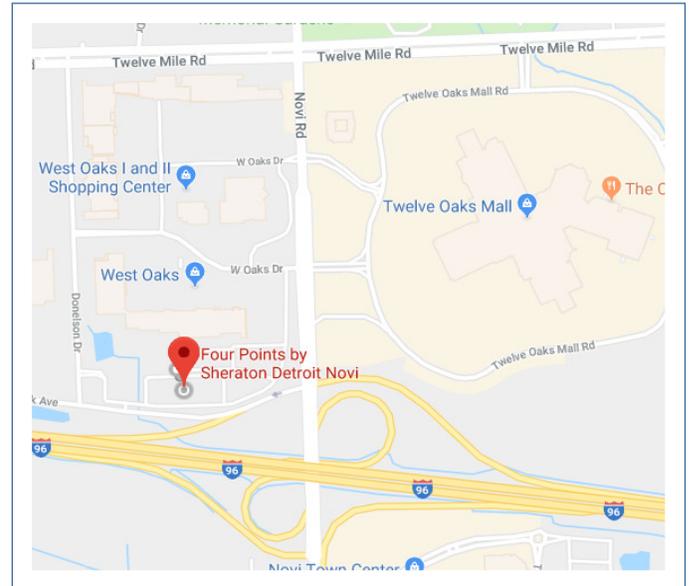
There are four types of memberships; Individual, shared, corporate, and vendor. Membership details are posted on the web site: www.mdug.org.

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.

2018 Session Dates:

The final session of 2018 will be held on December 5th.



*Four Points by Sheraton 27000 S. Karevich Drive,
Novi, MI 48377*

2018 Membership Fees

<i>Individual - \$140</i>
<i>Shared - \$180</i>
<i>Corporate - \$540</i>
<i>Vendor - \$540</i>
<i>Meeting - \$50</i>

June 2018 Session Feedback

Presenter/Presentation Topic	Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
Dan Lohmeier – DB2 Partitioning	3.91	3.91	3.73	3.91	4.00	3.82
Dan Lohmeier – What's new in Db2 12	4.18	3.64	3.45	3.73	4.20	3.73
Roy Boxwell – 12 Months Agile	4.55	4.82	4.91	4.82	4.80	4.91
Roy Boxwell – 360 Degree Audit	4.75	4.75	4.88	4.75	4.88	4.88

Current Events

Db2 Analytics Accelerator: Trends and Directions

The Db2 Analytics Accelerator complements Db2 for z/OS to deliver a hybrid computing platform where you can directly leverage your high-value, sensitive data that originates on IBM Z. This winning combination transforms the mainframe into a highly-efficient hybrid transaction and analytic processing environment, enabling real-time analytics on transactional data--as it is generated--while driving out cost and complexity.

Join this educational webinar with Daniel Martin from the Db2 Analytics Accelerator development team, as he discusses the latest enhancements to both Version 5.1 and Version 7.1 of the Accelerator. Hear about the Db2 Analytics Accelerator roadmap and the exciting future plans for this product.

Presenter Daniel Martin

Daniel Martin is a senior software engineer and architect in the IBM Db2 Analytics Accelerator development team, located in IBM's Research & Development Lab in Boeblingen, Germany.

He started working on the Accelerator over 7 years ago, at a time when it was named "Smart Analytics Optimizer". He has spoken about it at several conferences and customer briefings, and occasionally blogs about it at <https://idaadev.wordpress.com/>.

[Register here to replay this June 26th webcast](#)

June 2018 Topic Feedback

Votes	Requested Topics
7	DB2 Performance and Tuning
6	DB2 Application Tuning
5	Using Stored Procedures
4	DB2 Experiences
4	DB2 Using CICS/IMS
4	Supporting DB2
4	Integrating Cloud and DB2 Data
3	DB2 Programming/Application Development
3	Db2 Utilities
3	DB2 Web Connectivity/Usage
3	Connecting to DB2 Data from Cloud Applications
2	DB2 Disaster Recovery
2	DB2 Performance Tools
2	New DB2 Releases
1	Data Warehousing
1	DB2 Interconnectivity
1	Db2 Supporting Software
1	Complex SQL - Pivot,Unpivot
1	Database As A Service Support

Db2 z for DevOps: Application development, agility and quality

Companies today are looking for new ways to take advantage of their mainframe-based data and processes that have been the backbone of their business for decades. These companies recognize the need to transform to a digital economy and are considering all options.

The question is how to move forward? Many companies know that their ability to define and innovate is dependent upon their success in recognizing the business value that exists in mainframe applications and data. These companies want to capitalize on those assets as they transform. One of the common themes identified is the fact that modern application development can no longer wait for IT. Agility, speed, quality and efficiency are paramount. This webcast looks at how mainframe customers are updating their application development processes while continuing to leverage mainframe strengths that are vital to their business.

Join Haakon Roberts, IBM DE, to find out:

- The driving factors facing both IT and mainframe development to modernize applications
- How to satisfy needs of development while adhering to business rules
- Customer use cases and how they may apply to your environment

[Register and replay this Tuesday, February 27th webcast](#)

Db2 12 for z/OS: Improving Availability and Resilience

IBM Db2 for z/OS clients need the highest possibility availability to be able to meet their own business requirements and to satisfy the expectations of their customers. This Webcast explores the improvements introduced in Db2 12 for z/OS, to strengthen its position as the premier high-availability relational database. There are two areas of focus, the first being further enhancements to on-line schema migration, making it easier to change database design and attributes non-disruptively. The three topics here are: online ALTER to increase the maximum page-set size (DSSIZE); increasing the partition size limit to 1 TB and massively increasing maximum table size; and the ability to insert a partition anywhere in the partitioning scheme. The second area of focus is removing a potential single point of failure, by the introduction of asynchronous Coupling Facility lock duplexing.

[Register here to Register for this September 11th 2018 webcast](#)

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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.