



# Michigan Db2

# Users Group

## MDUG Newsletter, December 2020

Website: [www.mdug.org](http://www.mdug.org)  
Email: [admin@mdug.org](mailto:admin@mdug.org)

### DECEMBER 10TH MEETING AGENDA

- 10:00** Intro: Bill Moran (BMC)
- 10:15** Rosalind Radcliffe (IBM)
- 11:15** Chad Reiber (BMC)
- 12:15** Craig Mullins (Mullins Consulting Inc.)
- 1:15** Q & A

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#### 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:

*December 9<sup>th</sup>*

#### Fees:

*Free of Charge*

## December 10<sup>th</sup> 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, December 10<sup>th</sup>!

The December 10<sup>th</sup> Virtual MDUG session will feature the following sessions:

- DevOps and CICD
  - Presented by Rosalind Radcliffe of IBM
- Mining gold in the Db2 Catalog
  - Presented by Chad Reiber of BMC
- Coding Db2 for Performance... by the book
  - Presented by Craig Mullins of Mullins Consulting Inc.

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

### [Rosalind Radcliffe \(IBM\)](#)

IBM Distinguished Engineer, Chief Architect for DevOps for Enterprise systems. Rosalind is responsible for driving the direction for products in support of customers transformation to DevOps specifically focused on IBM Z, including bringing open source pipelines to the platform. In addition she works with clients in their DevOps transformations. She is a frequent speaker at conferences, master inventor, a member of the IBM Academy of Technology leadership team.

Rosalind will be presenting on the following topic:

#### **DevOps and CICD**

Are you hearing noise about CICD (Continuous Integration and Continuous Deployment) everywhere? Is the mainframe included in those discussions? Please join us as we discuss options to the classic 3270 style of mainframe development and explore why the mainframe needs to participate in the CICD discussion. See first hand what's available to support delivering business capability with agility and precision. Explore where application code, process, automation, data, infrastructure all intersect.

### [Chad Reiber \(BMC\)](#)

In 1983 Chad Reiber started in IT with AT&T as a developer of data generator software. From there he moved into the database arena as a database administrator for IMS, IDMS, and Db2. Chad has been working with Db2 since 1987.

Chad began working for BMC Software in 1997 as a Software Consultant and primarily supports all aspects of BMC's Mainframe products for the Northeast Db2 community.

Chad will be presenting on the following topic:

#### **Mining gold in the Db2 Catalog**

Oh how the Db2 Catalog has grown. Today in Db2 V11 and V12 there is lots of information in the Db2 Catalog that IBM has added to support all the great features and functions available to us. This presentation will look into the Db2 Catalog ... not just the table and columns but how you might be able to use this data to benefit your organization. We will look at some of the new tables that can help performance. Mining data from the catalog can provide a "health check" of your system to make sure people are keeping to standards or have new ways of processing data.

### *Craig Mullins (Mullins Consulting)*

Craig S. Mullins is a data management strategist, researcher, and consultant. He is president and principal consultant of Mullins Consulting, Inc. and has been named by IBM as a Gold Consultant and an IBM Champion for Data and AI. Craig has over three decades of experience in all facets of database systems development and has worked with DB2 since V1. You may know Craig from his popular books: "DB2 Developer's Guide, 6th edition" the most popular book on DB2 for z/OS... and "Database Administration: The Complete Guide to DBA Practices and Procedures, 2nd edition" the industry's only comprehensive guide to heterogeneous database administration.

Craig will be presenting on the following topic:

#### **Coding Db2 for Performance... by the book**

Writing Db2 programs that perform well can be a difficult task, especially when you are under pressure to deliver code quickly. The cause of most application performance problems can be tracked back to inefficient SQL and program code. If developers better understood how to code for Db2 performance from the outset, a lot of pain and suffering could be eliminated.

In this presentation we will look at performance from the perspective of a programmer. It will cover coding techniques, SQL issues, indexing, and more. The presentation is based on my new book, A Guide to Db2 Application Performance for Developers.

## 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 available in soft copy format prior to the seminar and will be posted on the MDUG web site at [www.mdug.org](http://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](http://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, December 9<sup>th</sup>.

### MDUG Membership:

Membership details for a standard year membership are posted on the web site: [www.mdug.org](http://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.

### Plans for 2021:

In addition to our normal session schedule in 2021, we are targeting a sponsored Db2 SQL performance training with Susan Lawson on January 19<sup>th</sup>. Mark your calendars! 2021 seminar dates will be sent out early first quarter.

*Typical Annual Membership Fees (to be adjusted for 2020)*

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*Individual - \$140*

*Shared - \$180*

*Corporate - \$540*

*Vendor - \$540*

*Meeting - \$60*

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*August 2020 Session Feedback*

<i>Presenter/Presentation Topic</i>	<i>Value of Topic</i>	<i>Session Content</i>	<i>Speaker</i>
Dos and Don't about Continuous Delivery	4.73	4.82	4.91
Advanced SQL and the Power of Rewriting Queries	4.77	4.85	5
Mass Db2 Recovery with Db2 12 Updates	4.55	4.73	4.91

## Current Events

### Access Db2 for z/OS data without accessing Db2 for z/OS - with Namik Hrle, IBM Fellow

Organizations want to leverage the extremely valuable data that originates on IBM Z for information driven projects that run on non-IBM Z platforms. One example is delivering and synchronizing transactional data into distributed SQL or no-SQL data stores for read-only access from mobile devices. This access tends to be unpredictable in volume and the majority of activity is for simple account lookups. Another example is loading transactional data into downstream warehouses or data lakes for analytical processing. This access tends to be data intensive, usually for complex queries, and may be driven from a rich analytics tools ecosystem. While organizations are looking for a path that takes them on a "journey to the cloud", they absolutely do not favor a strategy that puts everything directly into the public cloud. Rather, they are looking for a hybrid strategy that allows an open, secure, hybrid cloud approach and supports mission critical workloads.

Using home grown approaches and ETL technologies has led to unreliable results and latent data for adopters. Data extraction and replication processes consume considerable resources, drive up mainframe and related software costs, and compete for the same resources used for operational processing. The people and infrastructure costs can be excessive. IBM intends to address these inefficiencies with a new capability for data originating in Db2 for z/OS. This new technology will offer IBM Z customers the opportunity to access Db2 for z/OS data without accessing Db2 for z/OS itself.

Broadcast Date: May 5<sup>th</sup>, 2020  
 Time: 11:00 AM Eastern Daylight Time  
 Duration: 1 hour

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

### The next evolution in Db2 AI for z/OS and Watson Machine Learning for z/OS

IBM Db2 AI for z/OS continues to evolve the application of machine learning to optimize your Db2 for z/OS system. It began with learning your workload characteristics to improve the inputs to the Db2 Optimizer, and extended to embedding machine learning combined with IBM domain expertise for customized system tuning recommendations. The next evolution of Db2 AI for z/OS functionality is currently in development. And we invite you to register for this webcast to hear more about how to further improve your Db2 application performance and availability with Db2 AI for z/OS.

This webcast will also highlight the latest enhancements in Watson Machine Learning for z/OS - the foundational machine learning technology in Db2 AI for z/OS. Watson Machine Learning for z/OS is an end-to-end machine learning platform, that helps build, deploy and monitor AI models. It is the only AI/machine learning product that runs on IBM Z under z/OS, taking advantage of the exceptional qualities of service associated with the platform.

Broadcast Date: May 13<sup>th</sup>, 2020

Time: 11:00 AM Eastern Daylight Time

Duration: 1 hour 15 minutes

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

### *MDUG Board Members*

**Stella Keesling**  
Finance Director  
Comerica

**Chuck Hill**  
Advisory Support

**Matt Brickner**  
Newsletter & Evaluations  
Auto-Owners Insurance

**Nhon Do**  
Director Web Site Support  
Ford Motor Co.

**Carol Little**  
Group Coordination  
GreenStar Solutions

**Mike Strelczuk**  
Reservation Coordination  
Ford Motor Co.

**Mike McCarthy**  
Facility Coordination &  
Advisory Support  
IBM Corporation (Retired)

**Dave Mazza**  
Advisory Support,  
IBM Corporation

**Mark Rader**  
Speaker Coordination &  
Advisory Support  
IBM Corporation

**Bill Moran**  
NEODBUG Liaison &  
Advisory Support, BMC  
Software

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

**Founding Members:**  
IBM Corporation  
Platinum Technology

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.