



Michigan DB2 Users Group (MDUG) Quarterly Newsletter

June 2009

Michigan DB2 Users Group
P.O. Box 2977
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“Keeping members up to date on changes in the DB2 Environment”

Last Seminar: The last MDUG seminar was held on Thursday, March 12th. Details on the seminar and attendees’ feedback are available in the [News for Members](#) section of the newsletter. Hopefully you attended. If not the presentations are still available online at: www.mdug.org.

Upcoming Seminar: MDUG will be holding their second seminar of 2009 on Thursday, June 11th at The Hotel Baronette in Novi. Directions to the hotel are available on the MDUG web site; www.mdug.org.

Highlights: In the morning, Ed Woods will present topics covering the importance of DB2 Workload Manager and the impact of networking on DB2 performance. In the afternoon there will be a split session where Bob Harbus will discuss various LUW topics about DB2 9.7. Bill Arledge will also present topics related to the DB2 z/OS side. It should be another great day with a wide range of new DB2 information for both developers and administrators.

If you plan to attend the seminar, make sure you have renewed your membership or will at the seminar, and make sure to register by the close of business on **Friday, June 5th**.

Non-members will be required to pay at the seminar. Cost is \$80 for the seminar. Credit cards not accepted at the door.

Membership for 2009:

Now is the time to renew your membership for 2009. If you haven’t received an invoice, and need one, please email us at admin@mdug.org. We will send one to you. Membership forms are available on the MDUG web site, www.mdug.org, and will be available at the seminar.

Group Support: We always have a need for volunteers. See [News for Members](#) for how you can help out.

2009 Remaining Seminar Dates and Locations:

September 17 @ The Hotel Baronette (Novi)
December 10 @ The Crowne Plaza Hotel (Novi)

MDUG is an affiliate of IDUG (the 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 through out the state.

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June 11, 2009 - Seminar Agenda

8:15 am – 9:00 am Check In / Continental Breakfast

9:00 am – 9:05 am Welcome and Opening Remarks

Morning – Single Track Sessions

9:05 am – 10:25 am "Understanding The Importance Of Workload Manager And DB2"
Speaker: Ed Woods (IBM)

10:25 am – 10:40 am Break

10:40 am – 12:00 pm "Understanding the Impact of the Network on DB2 Performance"
Speaker: Ed Woods (IBM)

12:00 pm – 1:00 pm Lunch

Track 1 – LUW & Generic DB2 Topic

1:00 pm – 2:15 pm "Overview of DB2 9.7"
Speaker: Bob Harbus (IBM)

2:15 pm – 2:30 pm Break

2:30 pm – 3:45 pm "DB2 9.7 PL/SQL Support Overview"
Speaker: Bob Harbus (IBM)

Track 2 – DB2 z/OS Topics

1:00 pm – 2:15 pm "Ins and Outs of Distributed Processing in DB2 for z/OS and Exploring the DB2 Directory"
Speaker: Bill Arledge (BMC)

2:15 pm – 2:30 pm Break

2:30 pm – 3:45 pm "DB2 9 on z/OS – What's In It for You?"
Speaker: Bill Arledge (BMC)

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Presentation Abstracts

Understanding the Importance of Workload Manager and DB2

Workload Manager (WLM) is an essential component of z/OS and manages resource allocation and prioritization for all the applications that run on z/OS, including DB2. Workload Manager has a major effect on DB2 operation and performance. A solid understanding of WLM concepts, and how DB2 depends upon and exploits WLM is essential to DB2 tuning and management. This presentation is designed to be a detailed discussion of how DB2 resources and workloads are defined and managed by WLM.

Recommendations for DB2 and WLM best practices will be covered. This presentation is for all users who want a better understanding of the interaction of DB2 and WLM.

Understanding the Impact of the Network on DB2 Performance

Distributed processing is an important workload component of DB2 on z/OS. Understanding network performance and the impact it has on DB2 performance is an important part of formulating an integrated performance and availability management strategy. This session will discuss various aspect of DB2 distributed workload processing, and examine the impact of network performance. Suggestions on how to analyze, assess, and determine the impact of the network on overall DB2 performance will be covered. Technical examples of performance analysis using various IBM OMEGAMON monitoring solutions will be shown. This session is for all who want to gain a better understanding of the impact of the network on DB2 performance.

Overview of DB2 9.7

DB2 9.7 is the next major release of DB2 for UNIX, Linux, and Windows. Learn how the new technologies in DB2 9.7 provide more automated administration, more-efficient storage, and faster performance.

DB2 9.7's PL/SQL Support Overview

See also how DB2 9.7's PL/SQL support removes productivity barriers to database migration by enabling interoperability with PL/SQL applications. This session will give you a technology overview of DB2 9.7.

Ins and Outs of Distributed Processing in DB2 for z/OS

More and more DB2 application workload originates off the mainframe utilizing technologies like DB2 Connect, Websphere Application Server, and others. This shift to increased distributed processing presents new challenges in understanding and managing DB2 application implementation. This session discusses basic issues about distributed applications, including distributed fundamentals, implementation considerations, problem identification, and performance management for your DB2 on z/OS distributed applications.

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Exploring the DB2 Directory

Metadata information stored in the DB2 Catalog is very well known and easy to interrogate using SQL. However, at run time, DB2 makes extensive use of the other primary DB2 system database, the Directory or DSNDB01. This presentation describes the contents of the Directory, explains how to look at its contents, and discusses how you can improve your overall system performance and recovery times by paying a little more attention to this often forgotten resource.

DB2 9 on z/OS – What’s In It for You?

This session provides a detailed overview of DB2 9 on z/OS and discusses value and implementation considerations for these new features. We’ll look first at infrastructure enhancements and then review application considerations, including new data types and SQL options.

Speaker Biographies

Ed Woods (IBM)

Ed Woods has over 25 years of experience in the data processing industry, primarily in the area of DB2, IMS, and MVS systems programming. He is a Consulting IT Specialist with IBM Corporation, working in the area of performance and availability management. He has been a frequent presenter at IDUG North America, Guide, Share, CMG, the IBM DB2 Technical Conference, the Tivoli Technical Conference, the IMS Technical Conference, and at numerous regional DB2 User groups on technical and performance topics. He has published articles in *Candle Computer Report*, *IDUG Solutions Journal*, and *CCR2* (CCR2 is available at IBM.COM).

Bob Harbus (IBM)

Bob Harbus has been with IBM since 1989 and with the IBM Toronto Lab since 1992. He has worked in a number of areas including DB2 Linux, UNIX, Windows development, DB2 Service, DB2 Certification (where he authored a number of books on DB2) and DB2 Lab Services (specializing in data warehousing), Bob is currently a DB2 Evangelist and member of the Worldwide DB2 Evangelist team out of the IBM Toronto Lab. In addition to his work with DB2 (in the competitive and technical space), Bob has also been focusing on Data Warehousing/Business Intelligence and XML from a competitive perspective.

Bill Arledge (BMC)

Bill Arledge is an IT veteran with 34 years experience across a variety of roles, including application development and database administration. Bill’s database experience began in the late 1970’s as an IMS DBA and developer. He began working with DB2 in 1984 as a database specialist at IBM. He worked with DB2 throughout the late eighties, consulting with numerous IBM customers on existing and planned DB2 implementations. Bill joined BMC in 1990 and is currently a technical product manager responsible for BMC’s DB2 data management products. In that capacity he consults extensively with BMC DB2 customers and works closely with BMC’s Research and Development organization to drive product direction.

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Presentation Handouts:

Many of the seminar presentations should be available in Soft copy prior to the seminar and will be posted on the MDUG web site as they are made available. These 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.

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 cost for non-members is \$80 and covers the continental breakfast and lunch. Annual membership forms are available at the seminar, or you can download a copy from the MDUG website.

Maps and directions to the Doubletree 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 or vendor** that you will be attending under. Confirmation is available upon request only. Reservations for the seminar will close at the end of day on **June 5th** (Friday before the seminar). Seating may be limited, so please respond early to guarantee yourself a spot.

News for Members:

1. Seminar Feedback from March 2009 Evaluations (used for Planning purposes):

Responses by Potential Future Topic

12	Advanced SQL
10	Performance Tips for DB2 w/CICS
9	DB2 for Application Programmers
7	DB2 Web Connectivity
7	Stored Procedures
6	DB2 for System Programmers
6	Analytical Processing with DB2
4	DB2 Disaster Recovery
4	DB2 Page Internals
4	Other (e.g. data sharing, bind parameters, how zip engines work, etc.)

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3	DRDA and DB2 Connect
2	Data Warehousing using DB2

1. The Advanced SQL topic continued to be the most popular asked for future topic.
2. Overall rating of the hotel (e.g. Crowne Plaza) was very consistent to previous meetings.

2. March 2009 Seminar Speakers Feedback

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

Robert Catterall – DB2 Stored Procedures – Trends and Technology

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
4.68	4.67	4.57	4.55	4.46	4.57

Robert Catterall – DB2 for z/OS Data Warehouse Performance

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
4.42	4.44	4.56	4.35	4.25	4.43

Keith McDonald – Workload Management Best Practices

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
3.63	3.38	3.88	3.83	2.67	3.50

Keith McDonald – Monitoring for Performance Tuning and Problem Determination

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
4.25	4.00	3.88	3.67	3.17	4.20

John Mallonee – Java and DB2 for Dummies

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
4.32	4.57	4.64	4.43	4.35	4.38

John Mallonee – My Java App Called Your DB2 Procedure

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
4.50	4.38	4.69	4.38	4.38	4.38

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3. MDUG Membership

There are four types of memberships; Individual, corporate, vendor and shared.

Memberships are annual and run from January through December. MDUG accepts payment directly in cash or check and through the mail by check. Credit cards are accepted only through [PayPal](#) and must be coordinated with MDUG and cover the additional cost of processing. Contact an MDUG Director at a seminar or through admin@mdug.org for details. All memberships are contingent on payment of the annual membership fee

Membership forms along with membership details can be downloaded from the MDUG web site www.mdug.org by clicking on the [Membership and Fees](#), then clicking on the left side of the [Home Page](#).

Inquiries on the status of corporate/company memberships should be sent to the MDUG email box at admin@mdug.org email box at admin@mdug.org.

4. Visit our Website

Please take a few minutes to visit our website (www.mdug.org) and give us your feedback. We are trying to make the website more useful to MDUG members. Send your feedback to admin@mdug.org.

We are also making plans to enhance the Web site. If you have ideas or would like to help out, please send your ideas, etc. to admin@mdug.org.

5. Group Support

The group has always had a need for volunteers to assist in the operation of the User Group and right now is especially in need of new volunteers. Consider helping out in the background, with supporting the web site, taking reservations, finding speakers, coordinating speaker arrangements, or at the seminar with registrations, evaluations, coordinating with speakers, speaker introductions, to name only some of the activities where volunteers can help. Talk to one of the red ribbon wearers at the seminar about how you can volunteer or by sending an email with your contact information to admin@mdug.org asking where you can help out or just that you want to discuss volunteering with someone on the board. Someone will call you back to discuss how you can help out.