



# Michigan DB2 Users Group (MDUG) Quarterly Newsletter

*June 2010*

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

Michigan DB2 Users Group  
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**Upcoming Seminar:** MDUG is pleased to announce the next MDUG quarterly seminar on **June 17<sup>th</sup>** at THE BARONETTE RENAISSANCE in Novi, formerly known as The Hotel Baronette.

This seminar will feature topics on DB2 for z/OS and DB2 for LUW. Members are being encouraged to attend presentations in both product tracks to expand their knowledge of DB2 across the OS spectrum. Many companies run DB2 on both Z/OS and Linux, Unix, and Windows platforms. In addition, many features are common across the DB2 family.

Featured speakers in June will be from IBM Corporation. **Rafael Garcia** (DB2 z/OS Customer Relationship Development) and **Bob Harbus** (DB2 Evangelist, IBM Toronto Lab).

The agenda has been arranged so that the topics of most interest to both platform audiences will be presented immediately before and after lunch. Come hear how DB2 compression provides storage cost and performance benefits. Compression is provided in both z/OS and LUW products. After lunch, hear how data sharing using DB2 pureScale provides unlimited capacity for OLTP workloads. A detailed agenda is provided below.

Please register before Friday June 11<sup>th</sup> by email to [reservations@mdug.org](mailto:reservations@mdug.org). For MDUG members, the cost for attendance at the seminar is covered by the yearly membership fee. You can still renew for 2010. Non-members will be charged \$45 for the seminar (cash or check). Credit cards are not accepted at the door. Please see the Membership section below in regard to paying via credit card for memberships. Reservations after **Tuesday June 15<sup>th</sup>** are only accepted if space is available.

**Group Support:** We always have a need for volunteers, but especially for the upcoming year. MDUG will need new volunteers as the remaining board members need assistance with the user group's activities. Please see [News for Members](#) on how you can volunteer.

**Upcoming 2010 Seminar Dates and Locations:**

September 23 @ The Crowne Plaza Hotel (Novi)
December 9 @ 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.

# MDUG

## June 17, 2010 - Seminar Agenda

- 8:15 am – 9:00 am      Check In / Continental Breakfast
- 9:00 am – 9:05 am      Welcome and Opening Remarks
- 9:05 am – 10:25 am    "Performance Update – DB2 for z/OS"  
Speaker: Rafael Garcia (IBM Corporation)
- 10:25 am – 10:40 am    Break
- 10:40 pm – 12:00 pm    "IBM DB2 Data and Index Compression"  
Speaker: Rafael Garcia (IBM Corporation)
- 12:00 pm – 1:00 pm     Lunch
- 1:00 pm – 2:15 pm      "DB2 pureScale - Reducing the Risk and Cost of Business  
Growth"  
Speaker: Bob Harbus (IBM Corporation)
- 2:15 pm – 2:30 pm      Break
- 2:30 pm – 3:45 pm      "Upgrading to DB2 9.7 for Linux, UNIX, and Windows - what  
you need to know"  
Speaker: Bob Harbus (IBM Corporation)

**Last Seminar:** Feedback from the last MDUG seminar, held on Thursday, March 11<sup>th</sup>, is available in the [News for Members](#) section of this newsletter. Presentations are still available online at: [www.mdug.org](http://www.mdug.org).

# MDUG

## Presentation Abstracts

### Performance Updates on IBM DB2 9 for z/OS

Hear the latest updates on system and application performance on IBM DB2 9 and DB2 10 Beta for System z. The session focuses on getting the most out of DB2 9 for z/OS performance. Both system-level and application-level of performance tuning and considerations in the area of high interest is covered, such as updates on general performance enhancements in Version 8 and 9, considerations on Version 9 upgrades, updates on open/close datasets, data/index compression, SQL procedures, synergy with IBM System z Hardware and DB2 pureXML performance.

### IBM DB2 Data and Index Compression

IBM DB2 for z/OS has provided data compression for several versions now. With DB2 9 for z/OS, you can also compress your indexes and DB2 10 for z/OS Beta takes this further. This can result in significant reductions in your disk consumption. In this session, you will hear about the history of compression, get a detailed description of data compression and index compression, learn about monitoring the effectiveness of compression, and receive some hint and tips about when to take advantage of the different compression types available in DB2.

### DB2 pureScale - reducing the risk and cost of business growth by providing unlimited capacity, continuous availability, and application transparency

DB2 pureScale is a DB2 feature that reduces the risk and cost of business growth by providing unlimited capacity, continuous availability, and application transparency. It allows you to have multiple database servers in a system that all share a common set of disks. This session will discuss DB2 pureScale, its architecture, unlimited capacity, and more.

### Upgrading to DB2 9.7 for Linux, UNIX, and Windows - what you need to know

DB2 9.7 is the latest DB2 release on the Linux, UNIX, and Windows (LUW) platforms and provides exciting new technology. This session will discuss upgrading to DB2 9.7 for LUW from previous versions of DB2 LUW and will point out and discuss areas to be aware of and prepare for as well as listing many of the changes that you need to be aware of before and after an upgrade to DB2 9.7.

## Speaker Biographies

### Rafael Garcia (IBM Corporation)

Rafael Garcia is a DB2 Technical Specialist with IBM Corporation. He works with IBM customers as a member of the DB2 z/OS Customer Relationship Development team managed out of the DB2 z/OS Silicon Valley Lab. Rafael is based in south Florida.

### Bob Harbus (IBM Corporation)

Bob Harbus has been with IBM since 1989 and with the IBM Toronto Lab since 1992. Bob 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). He is currently a DB2 Evangelist and member of the Worldwide DB2 Evangelist team out of the IBM Toronto Lab. Bob meets with customer's worldwide discussing DB2 technology.

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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](http://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 \$45 and covers the continental breakfast and lunch.

Maps and directions to the Hotel Baronette Renaissance are available at the MDUG web site: [www.mdug.org](http://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](mailto: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 15<sup>th</sup> (Tuesday before the seminar). Seating may be limited, so please respond early to guarantee you a spot. As this is the first seminar of the year, make sure your membership has been renewed for the year before attending the seminar.

## **News for Members:**

- Seminar Feedback (based on 25 evaluations turned in) from the March 2010 Evaluations (used for Planning purposes):**

### **# Responses by Potential Future Topic**

<b>12</b>	<b>DB2 Application Tuning</b>
<b>11</b>	<b>DB2 Performance Monitoring &amp; Tuning</b>
<b>11</b>	<b>Using Stored Procedures</b>
<b>9</b>	<b>DB2 Utilities</b>
<b>7</b>	<b>New DB2 Releases</b>
<b>6</b>	<b>DB2 Performance Tools</b>
<b>6</b>	<b>DB2 Programming/Application Dvlp</b>
<b>5</b>	<b>DB2 Disaster Recovery</b>

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5	DB2 Using CICS / IMS
5	DB2 Web Connectivity / Usage
5	Supporting DB2
3	DB2 Interconnectivity
3	DB2 Supporting Software
2	DB2 User Experiences
2	Other

1. "DB2 Application Tuning" was the most requested future potential topic, followed closely by topics "DB2 Performance Monitoring & Tuning" and "Using Stored Procedures".
2. The overall rating average for the March speakers indicated a close favorable response.

## 2. March 2010 Seminar Speakers Feedback

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

### Susan Lawson – Table & Index Design Strategies: Looking Forward to DB2 9

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
4.46	4.29	4.54	4.13	4.00	3.87

### Susan Lawson – Quit Calling DB2 So Much!

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
4.56	4.52	4.52	4.33	4.08	3.96

### Rob Williams – Performance Tuning & Managing Batch Cycles

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
3.12	3.73	4.13	3.43	3.86	4.00

### Rob Williams – Table Partitioning

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
3.22	4.29	4.43	4.14	4.14	4.29

# MDUG

## **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 a MDUG Director at a seminar or through [admin@mdug.org](mailto: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](http://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](mailto:admin@mdug.org) email box at [admin@mdug.org](mailto:admin@mdug.org). If you need an invoice for the year, email MDUG at [admin@mdug.org](mailto:admin@mdug.org), and we will email you one.

## **4. Visit our Website**

Please take a few minutes to visit our website ([www.mdug.org](http://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](mailto: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](mailto: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, management of the group emails, group coordination, providing onsite support at the seminar, handling evaluations, speaker introductions, to name just a few of the activities where the group needs your help. We hope you will 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](mailto:admin@mdug.org) asking where you can help out or just that you want to discuss volunteering with someone on the board. We will call you back to discuss how you can help out.

Without your support, not just your attendance, the User group may not be able to continue to meet your expectations.