



Michigan DB2 Users Group (MDUG) Quarterly Newsletter

December 2009

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

This is a revised version of the newsletter that was to have been sent out earlier. It didn't get sent out earlier because this has been one of the most challenging seminars we have ever put together as things keep changing. Please note the changes from the email sent out in regard to the seminar earlier.

Upcoming Seminar: MDUG will be holding their final seminar of 2009 on Thursday, December 10th at the Crowne Plaza hotel in Novi. Directions to the hotel are available on the MDUG web site; www.mdug.org.

Highlights of the seminar:

In the morning, Dave Simpson will present in the morning session on the topic of SQL optimization paths. Paul Wirth is presenting in the afternoon session on Exploring downloadable no charge features for databases. You will not want to miss out on both of these very good presenters.

The cost for attendance at the seminar is covered by your yearly membership fee. Non-members will be required to pay at the seminar. Cost is \$45 for the seminar. Credit cards are not accepted at the seminar.

Group Support: We always have a need for volunteers, but especially now for the upcoming year. Pat Townsend who has been providing the behind the scenes effort to find and coordinate speakers is retiring at the end of the year, this time for real. We will miss her. Carol Little will be taking over this task. MDUG will need some new volunteers to take over the areas that Carol was handling, such as group emails, coordination, and registrations. Please see [News for Members](#) for how you can volunteer.

Upcoming 2010 Seminar Dates and Locations:

March 11 @ The Crowne Plaza Hotel (Novi)
June 17 @ The Hotel Baronette (Novi)
September 23 @ The Hotel Baronette (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 throughout the state.

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December 10, 2009 - 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** **"SQL Optimization & Access Paths: What's Old & New - Part1"**
Speaker: Dave Simpson (Themis, Inc.)
- 10:25 am – 10:40 am** **Break**
- 10:40 am – 12:00 pm** **"SQL Optimization & Access Paths: What's Old & New - Part2"**
Speaker: Dave Simpson (Themis, Inc.)
- 12:00 pm – 1:00 pm** **Lunch**
- 1:00 pm – 2:15 pm** **"Exploring IBM® Downloadable No-charge Features for Databases – Part 1"**
Speaker: Paul Wirth (IBM Corporation)
- 2:15 pm – 2:30 pm** **Break**
- 2:30 pm – 3:45 pm** **"Exploring IBM® Downloadable No-charge Features for Databases – Part 2"**
Speaker: Paul Wirth (IBM Corporation)

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Last Seminar: Feedback from the last MDUG seminar, held on Thursday, September 17th, is available in the [News for Members](#) section of the newsletter. Presentations are still available online at: www.mdug.org.

Presentation Abstracts

SQL Optimization & Access Paths: What's Old & New

Some things with SQL optimization have been the same for a long time. Others change are changing rapidly with the introduction of Version 8 and 9. This presentation reviews the basics of access path analysis with extended discussion of what's new in the latest releases of DB2. The appropriate place for Visual Explain and Optimization Service Center will also be covered. Let's talk about what's old, what's new and how to make the optimizer work for you.

Topics Include:

- Access path review
- The difference between "what" and "why"
- What's new in V8
- What's new in V9
- Visual Explain & Optimization Service Center

Exploring IBM® Downloadable No-charge Features for Databases

IBM provides the DB2® family and Informix® Dynamic Server customers with several downloadable products at no-charge. The purpose of these "no-charge" database features is to improve the productivity of database administrators and accelerate application development. During these very difficult economic conditions and strained resources, employee productivity is of more importance than ever. Therefore, to improve productivity and learn about available tools, this presentation will explore the following IBM® no-charge database features of: IBM Data Studio, IBM Data Server Client, Optimization Service Center and the IBM .Net Add-Ins. These features provide many abilities such as; supporting Service Oriented Architecture (SOA), create database objects, compare table objects, create SQL and help in problem identification. This presentation will focus the following IBM databases: DB2 for Linux, UNIX and Windows, and DB2 for z/OS. The ultimate goal if the presentation is to improve productivity and show how easy it is to work the IBM family of databases, review new features and help with database migration planning.

Agenda

- Review the simplification of workstation connections to DB2 z/OS using IBM Data Studio
- Review abilities to create and alter: tables, views, triggers and indices

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- Demonstrate table object comparison and table drop impact analysis
- Explore the DB2 z/OS dynamic statement cache for opportunities to improve SQL and save CPU cycles
- Demonstrate SQL query building and the new Visual Explain feature
- See how to create web services from DB2 stored procedures
- Demonstrate exposing DB2 stored procedures as a web services
- Demonstration of DB2 SQL stored procedure creation and debugging
- Review support for XML data

Speaker Biographies

Dave Simpson (Themis, Inc.)

David Simpson is currently a Senior Technical Advisor at Themis Inc. He teaches courses on SQL, Application Programming, DB2 Administration as well as optimization, performance and tuning. He has supported transactional systems that use DB2 for z/OS databases in excess of 10 terabytes. David has worked with DB2 for 16 years as an application programmer, DBA and technical instructor. David is a certified DB2 DBA on both z/OS and LUW. David was voted Best User Speaker and Best Overall Speaker at IDUG North America 2006. He was also voted Best User Speaker at IDUG Europe 2006.

Paul Wirth (IBM Corporation)

Paul Wirth is a Senior Data Management Technical Sales Specialist with IBM Corporation located in Grand Rapids, Michigan. Paul has been involved in database administration and storage management for the past twenty years. Over the years Paul has worked in database administration with IMS, DB2 and Oracle. Paul has also worked extensively with enterprise storage subsystems for both Open Systems and zOS.

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 \$45 and covers the continental breakfast and lunch.

Maps and directions to the Crowne Plaza are available at the MDUG web site: www.mdug.org

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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 December 8 (Tuesday before the seminar). Seating may be limited, so please respond early to guarantee yourself a spot.

News for Members:

1. **Seminar Feedback (based on 19 evaluations turned in) from the September 2009 Evaluations (used for Planning purposes):**

Responses by Potential Future Topic

4	Stored Procedures
4	Advanced SQL
4	DB2 Page Internals
3	DB2 for Application Programmers
3	Performance Tips for DB2 w/CICS
2	DB2 for System Programmers
2	DB2 Web Connectivity
1	Analytical Processing w/DB2
1	DB2 Disaster Recovery
1	DB2 UDB for non-OS/390 Platforms
1	Using DB2 w/PeopleSoft & SAP

1. There were several topics that were the most requested.
2. The Baronette Hotel had overall high ratings.
3. Ratings for all of the September speakers indicated a very overall favorable response.

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2. September 2009 Seminar Speakers Feedback

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

Mike Sniezek - DB2 9 - XML and the Unprepared DBA

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
4.05	3.94	4.22	4.12	3.77	3.76

Mike Sniezek - What a DBA Should Know about ITIL

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
3.83	4.06	4.18	4.25	3.82	3.94

John Sheppard - IBM InfoSphere Warehouse V9.7 Update

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
5.00	5.00	5.00	5.00	5.00	5.00

Susan Lawson - Using V8/9 Explain Tables for Query Tuning

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
4.88	4.94	5.00	4.86	4.46	4.79

Susan Lawson - V8/V9 SQL Challenges and Solutions

Topic Value	Session Content	Speaker	Material Covered	Handouts	Visuals
5.00	4.92	5.00	5.00	4.75	5.00

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

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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, 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 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, and not just your attendance, the User group may not be able to continue to meet your expectations. .