

Dear Tridex Members,

Mark your calendars, our next Tridex meeting is Tuesday September 13th 2011.

Thanks, Tridex BOD

TRIDEX DB2 for LUW and z/OS

Featured Speaker:

Curt Cotner IBM Fellow, VP, CTO Database Servers

Third Quarterly User Group Meetings DON'T JUST KEEP UP - STAY AHEAD!

All Meetings are FREE. You must Pre-register to Attend. Walk-in registration will not be accepted. A photo ID is required for building access. <http://tridexdb2.natemurphy.net>

Meeting Tuesday September 13th, 2011

National Grid, One Metrotech Center, Brooklyn NY

Room: Auditorium

TRIDEX AGENDA Tuesday September 13th, 2011

Joint LUW and z/OS morning presentations in the Auditorium

8:30 - 9:00 Coffee

9:00 - 10:15 Curt Cotner IBM Fellow, VP, CTO Database Servers, IBM Silicone Valley Lab
Latest Improvements in IBM Data Studio and Optim Tools

10:15 – 10:30 Break

10:30 – 12:00 Curt Cotner IBM Fellow, VP, CTO Database Servers, IBM Silicone Valley Lab
Getting The Most Out of DB2 in Your New Applications

12:00 – 12:45 Lunch (Provided by IBM)

z/OS Afternoon Presentations

12:45 – 2:15 Brent Gross, STSM, IBM Information Management Development ,Toronto Lab
DB2 Connect Update (Avoiding DB2 Connect Gateways)

2:15 – 2:30 Break

2:30 – 3:30 Elwin Harrison, Chief Architect, SQLProspector
Prospecting for Native SQL Stored Procedure ZIIP Gold

LUW Afternoon Presentations

12:45 – 2:00 John Horibrook, Sr Technical Staff Member and development manager for DB2 for Linux, UNIX and Windows query optimization
DB2 LUW Query Access Plan Stability

2:00 – 2:10 *Break*

2:10 – 3:25 Karen McCulloch, Development Manager and Technical lead, DB2 Workload Management
DB2 Workload Management: What's New in V9.7 and Sneak Peek at Upcoming WLM Best Practices

3:25 – 3:35 *Break*

3:35 – 4:50 Steve Tsounis, IBM Client Technical Professional
Improving the Application Development Life Cycle with Infoshere Discovery

Please distribute the fliers to other members of your development teams who may be involved with Optim development.. We have room for 300 attendees. **Pre-registration is required for security reasons.** Email: tridex@comcast.net.

Sincerely Tridex BOD,

Nate Murphy, Joel Goldstein, Roger Hecq, Gerri Lloyd, Celia Gahagan, Angela Arettines, Chris Tsounis

Abstracts and Bio

Keynote Speaker Bio:

Curt Cotner Sr. Vice President, IBM Fellow, and Chief Technology Officer for Database Servers

Biography:

Curt Cotner is an IBM Fellow, and a member of the IBM Academy of Technology. Curt is the chief technology officer for the DB2 family and Informix IDS database servers, and has both management and technology oversight responsibility for all the client software offerings used with DB2 and IDS. This includes the client runtime APIs (JDBC, .NET, CLI, pureQuery, etc.) and the application development and administration tools offerings (IBM Data Studio). Prior to taking his current assignment, Curt was the chief architect for the DB2 for z/OS development team.

LUW & z/OS Title: Latest Improvements in IBM Data Studio and Optim Tools

Abstract:

This session will review the most recent improvements in the no-charge Data Studio tools that come with DB2 LUW and DB2 Connect. These recent improvements offer better tooling for developers that want to understand the performance implications of proposed code changes, and also a new Health Monitor that allows you to easily view system health on the Web. We'll also review the most recent improvements in the for-fee

Optim database tools. These offerings deal with performance monitoring, query tuning, and backup/recovery. Lastly, we'll talk about some exciting new techn
Title: B2 Workload Management: What's New in V9.7 and Sneak Peek at Upcoming WLM Best Practices

Abstract:

DB2 9.7 introduces some important new Workload Management features to help you monitor and control your workload. This session will give you a brief review of the WLM foundation pieces and will then introduce you to these new DB2 9.7 WLM capabilities. Finally, time permitting, you will get a quick peek into some of the new WLM best practices that will be coming out later this year.
ology that will help automate test activities and performance regression analysis.

LW & z/OS **Title: Getting The Most out of DB2 in Your New Applications**

Abstract:

Technology is constantly evolving in the application development space. This session will focus on technical initiatives within the DB2 product set that allow you to get the most out of your Java applications. We'll discuss the latest on Java, .Net, scripting languages (PHP, Ruby, Perl, Python), and also the emerging noSQL application initiatives. We'll focus on these topics from the perspective of what's available for the application developer, and also what these offerings can do to help the DBAs collaborate effectively with the application developers.

Afternoon Agenda

z/OS **Title: DB2 Connect Update (Avoding DB2 Connect Gateways)**

Abstract:

DB2 Connect is ever changing and evolving. Recent enhancements include .NET 4.0, Visual Studio 2010, and even exploitation of new data types in DB2 for z/OS V10. Are you positioned to take advantage of these, how would you roll out new DB2 Connect drivers to thousands of workstations in your enterprise?

There has been a lot of buzz recently about using DB2 Connect without DB2 Connect Gateways - what is the buzz about? Why would one want to connect directly to DB2 for z/OS, what is involved, are there licensing implications, what are the pros and cons? Can one still exploit Sysplex without a DB2 Connect Server?

This presentation discusses all the above points with a focus on providing best practices, and full information behind each of the recommendations.

Biography:

Brent Gross is a STSM with IBM Information Management Development out of the Toronto Lab. He has over 20 years of experience with IBM and has been developing for IBM databases since 1995. His responsibilities have included architecture and development of stored procedure support and client interfaces. Brent has presented at many IBM and user group conferences. His current role is the architect of the CLI and .NET support for IBM Data Servers as well as the overall DB2 Connect Architecture.

z/OS **Title: Prospecting for Native SQL Stored Procedure ZIIP Gold**

This presentation will focus on the most cost efficient ways of developing Native SQL Stored Procedures from External Stored Procedures, thus significantly increasing your zIIP processor utilization.

With the advent of DB2 Native SQL Stored Procedures, IBM has ushered in a new age of data access and mainframe cost reduction opportunity. If your DB2 workload originates from a distributed client and comes into DB2 using DDF as DRDA workload, a portion of your Native SQL Stored Procedure is zIIP eligible. This means you have the opportunity to lower your mainframe hardware and software cost by utilizing Native SQL Stored Procedures.

Biography:

Elwin has spent the last 24 years as an Information Technology professional. Almost all of his time has been spent developing application on the IBM Mainframe using COBOL. He has written applications in CICS using VSAM, DB2 and stored procedures, as well as applications, which run in a batch mode. He has s Title: B2 Workload Management: What's New in V9.7 and Sneak Peek at Upcoming WLM Best Practices

LUW Title: DB2 LUW Query Access Plan Stability

Abstract:

Optimal query access plans are essential for good data server performance and it is the DB2 for Linux, UNIX and Windows query optimizer's job to choose the best access plan. However, occasionally queries that were performing well suddenly degrade, due to an unexpected access plan change. This presentation will cover a number of best practices to ensure that access plans don't unexpectedly change for the worse. All access plans can be made more stable with accurate DB statistics and proper DB configuration. DB2 9.7 provides a new feature to stabilize access plans for static SQL across binds and rebinds, which is particularly important for applications using SQL Procedural Language. When all else fails, optimization profiles can be used to force the desired access plan. This presentation will show you how to develop and implement a strategy to ensure your access plans are rock-solid.

Biography:

John Horibrook is a Senior Technical Staff Member and development manager for DB2 for Linux, UNIX and Windows query optimization, which includes statistics collection, the explain facility, and the design advisor. He has been a DB2 developer for 20 years, focusing on the SQL compiler and relational data services components.

LUW Title: B2 Workload : What's New in V9.7 and Sneak Peek at Upcoming WLM Best Practices

Abstract:

DB2 9.7 introduces some important new Workload Management features to help you monitor and control your workload. This session will give you a brief review of the WLM foundation pieces and will then introduce you to these new DB2 9.7 WLM capabilities. Finally, time permitting, you will get a quick peek into some of the new WLM best practices that will be coming out later this year.

Biography:

Karen McCulloch is a development manager and technical lead for the DB2 Workload Management development team as well as one of the developers. Karen has played a key role in the design and development

of the DB2 WLM features from its inception. Prior to working on WLM, Karen was the technical lead for the DB2 Query Patroller tool. Karen has been a member of the DB2 team since 2002.

LUW **Title: Improving the Application Development Life Cycle with Infosphere Discovery**

Abstract:

Organizations face significant challenges often due to regulatory pressure to protect sensitive data or from business requirements for integrating systems for Business Intelligence reporting or to create a single view of a customer or product. Maybe a merger or aquisition requires a platform migration from one system to another. Whether an organization is starting work on a Master Data Management, Business Intelligence, Data Archiving, or Data Governance solution, locating and understanding data assets is critical to the success of these initiatives. The process of understanding existing systems and locating critical data elements to either mask or integrate data is a tedious process that often entails a significant amount of data analysis. This session will discuss how Infosphere Discovery can be leveraged to accelerate time to deployment and reduce analysis cost by up to 10 times. Infosphere Discovery is a proven solution for automating and accelerating information discovery. The session will describe how to apply this technology to projects such as data archiving, privacy, master data management, warehousing, etc. while emphasizing how Infosphere Discovery can be used to:

Understand Data and identify anomalies in data.

Automate the data relationship discovery process.

Improve success rates of data dependent projects by providing a complete view of data assets and their complex relationships across heterogeneous sources.

Discover and define business objects, which can be integrated with other IBM Optim solutions, allowing re-use and faster deployment.

Reduce development time by prototyping and testing new transformation rules for completeness before and data is physically moved.

Biography:

Steven Tsounis is currently a Client Technical Professional at IBM, where he focuses on the technical support for Information Management solutions across the New York metropolitan area. Steven started his career as a Data Architect in the financial services industry where he was responsible for the design of many database solutions for OLTP, OLAP, Data Warehouse and Data Mart environments. During that time he also was responsible for Data Quality and Governance projects with a focus on Master Data Management. Steven received his Masters of Science in Information Systems and is an IBM Certified Database Administrator for DB2 V9 for Linux UNIX and Windows.

TRIDEX REGISTRATION FORM Tuesday, September 13th, 2011

Complete the registration form below and Email it to: tridex@comcast.net . For questions call 856-234-2353. DB2 for LUW and z/OS Users Group Meeting.

Name _____

Company _____ Title _____

Address _____ MS/PO Box _____

City _____ State _____ Zip _____

Phone

Fax

Email

Directions to National Grid, One MetroTech Center Brooklyn, NY 11201

Via Public Transportation

Subway:

Recommended directions to One MetroTech from Penn Station:

Take the **A** subway, (**A Downtown & Brooklyn via 8 Av Express**), exiting at the 7th stop, which is **Jay Street/Borough Hall**. **Follow the signs for Myrtle Promenade/Jay Str/Metrotech** and proceed up the staircase on that end of the subway. Then, follow the sign for **East side of Jay Street** to exit the subway to street level. This will position you directly next to the National Grid (One Metrotech Center building which is located across from the Marriott Hotel).

The A, F and C IND trains stop at Jay Street. The numbers 2, 3, 4, 5 IRT trains stop at Borough Hall. The M and R BMT all stop at Lawrence Street.

Long Island Railroad:

The stop closest to MetroTech is Flatbush Avenue. From there, take the 2, 3, 4, or 5 train to Boro Hall, or the M or R train to Lawrence Street, and then walk two blocks to MetroTech. Or:

Take the #41 bus near the LIRR station on Flatbush Avenue to Smith Street and Livingston Streets. Walk along Smith Street one block; it will become Jay Street at the corner of Fulton Street; continue walking along Jay Street two blocks to MetroTech.