

TRIDEX_{DB2} for LUW

Featured Speaker:

*John Hornibrook, Manager, Query Optimization Development
DB2 for Linux, UNIX and Windows*

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 December 3rd, 2009

National Grid, One Metrotech Center, Brooklyn NY

TRIDEX AGENDA Thursday December 3rd, 2009

8:30 - 9:00 Coffee

9:00 - 10:30 Susan Malaika is a senior technical staff member in IBM's Information Management Group
Building Applications with XML Technologies: An Introduction and Use Cases

10:30 - 10:45 Break

10:45 - 12:00 John Hornibrook, Manager, Query Optimization Development
DB2 LUW Query Tuning Best Practices

12:00 - 1:00 Lunch (On your own)

1:00 - 2:15 John Hornibrook, Manager, Query Optimization Development
DB2 LUW Optimizer Overview

Please distribute the fliers to others in your organization who may wish to attend. 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 Biography

Title: Building Applications with XML Technologies: An Introduction and Use Cases

Abstract:

This talk introduces XML end-to-end architectures, and in particular the use of XML for storage. Real life use cases will be described.

Goal

- Introduce XML end to end architecture and its benefits
- Explain how XML can be used through all main components of an application
- Explain the role of declarative languages such as SQL/XML and XQuery in XML end-to-end architectures

Bio: Susan Malaika is a senior technical staff member in IBM's Information Management Group (part of IBM Software Group). Her specialties include XML, the Web, and databases. She has initiated multiple technologies that have been incorporated into products. She has developed standards that support data for grid environments at the Global Grid Forum. She has also co-authored a book on the Web and published articles on XML, Web and transaction processing. She is a member of the IBM Academy of Technology

Title: DB2 LUW Query Tuning Best Practices

Abstract:

Query performance is not a one-time consideration. It should be considered throughout the design, development, and production phases of the application development life cycle. SQL is a very flexible language, which means that there are many ways to get the same correct result. This flexibility also means that some queries are better than others in taking advantage of the DB2 data server optimizer's strengths.

This presentation covers the best practices for writing and tuning queries to best leverage the DB2 data server's strengths. It will provide guidance for writing efficient SQL statements as well as configuring DB2 to ensure the optimizer is running at peak performance. It will also provide tips on using the explain facility to monitor and react to access plan problems.

Title: DB2 LUW Optimizer Overview

Abstract:

The query optimizer and the access plans it generates are key to the performance of the RDBMS. However, query optimization is often a mysterious process and the choices made by the query optimizer can be difficult to understand. If you've ever wondered how an SQL statement gets optimized and how access plans are created, this presentation is for you. Using access plan examples displayed with the explain facility, this presentation will cover a variety of optimization topics including query rewrite, the cost model and catalog statistics. Optimizing for different table organization schemes such as MDC, range-partitioning and database partitioning are also covered.

Bio:

John Hornibrook is a senior developer 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 19 years, focusing on the SQL compiler and relational data services components.

TRIDEX REGISTRATION FORM Thursday, December 3rd, 2009

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

<http://intranet.keysenergy.com/buweb/aboutbu/mapmetlg.htm>

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 **West side of Jay Str** to exit the subway to street level. This will position you directly across the street from National Grid (One Metrotech Center.) (National Grid is located across from the Marriott Hotel and NY City Transit/MTA .)

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.