

# TRIDEX<sub>DB2</sub> for LUW

Featured Speaker:

***Greg Lotko, VP of Warehouse Solution, IBM ISG***

First Quarterly User Group Meeting 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>

**First Quarter Meeting Wednesday March 31st, 2010**

**National Grid, One Metrotech Center, Brooklyn NY**

## **TRIDEX AGENDA Wednesday March 31st, 2010**

8:30 - 9:00 Coffee

9:00 - 10:15 Greg Lotko, VP, Warehouse Solutions, ISG, IBM Certified Executive PM

10:15 - 10:30 Break

10:30 - 11:45 Calisto Zuzarte, IBM Toronto Lab

*Best Practices to improve Query Performance in a Data Warehouse*

11:45 - 12:30 Lunch

12:30 - 1:45 Calisto Zuzarte, IBM Toronto Lab

*How to Read Query Plans and Improve Performance*

1:45 - 3:00 Deepak Rangarao/Jacqueline Cumo, IBM

*Utilizing InfoSphere Warehouse ROLAP and Data Mining for Smart Analysis*

***Themis \$1,000 Education Drawings***

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](mailto:tridex@comcast.net).

Sincerely Tridex BOD,

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

# Abstracts and Biography

## **Title: Introduction to IBM InfoSphere: Trusted Information with Data Warehousing**

**Abstract:** Companies seeking to build new intelligence applications are taking their business through an information-led transformation, turning information into a strategic driver for innovation, business optimization and competitive differentiation. One of the key components of enabling an information-led transformation is to have a trusted information infrastructure. This session focuses on the data warehousing portion of the information infrastructure, examine key industry trends affecting warehousing solutions today, and currently available solutions.

**Bio:** As Vice President of Warehouse Solutions, located in Somers, NY, Greg Lotko is responsible for the Information Management Warehouse Strategy and Solutions across databases and platforms. A 22 year veteran, Greg joined IBM after obtaining his Computer Science degree from Clarkson University. He held a variety of positions in CHQ Financial Systems as a programmer, business analyst, project manager (PM), and Manager supporting IBM's finance and accounting community. Greg joined IGS in 1998 where he became the Delivery Executive on a large Application Outsourcing account in the Insurance & Finance Industry and obtained certification as a Senior Executive Project Manager. He joined SWG in 2000 holding Senior Management positions in Digital Media Development and WW IMS Technical Support. Greg joined the WebSphere Information Integration team in March of 2004, becoming Director of Development. In July of 2005, he became Director of IMS, responsible for strategy, development, marketing, and field technical support. That included related tools for on demand business application development/enablement and systems/data management. In November of 2006, Greg became Director of DB2 for z/OS, responsible for strategy, development, and field technical support for IBM's premier relational database. He assumed his current position in April of 2008.

## **Title: Best Practices to Improve Query Performance in a Data Warehouse**

**Abstract:** This presentation will look at considerations to improve query performance in a warehouse from various angles that influence the IBM DB2 optimizer.

- 1) database schema layout considerations, including database partitioning, table partitioning and multi-dimensional clustering considerations;
- 2) performance layer considerations, including indexing, materialized query tables and statistical views
- 3) tuning considerations, including configuration settings and statistics collection .
- 4) application design considerations

**Bio: Calisto Zuzarte** is a Senior technical Staff Member (STSM) and is a DB2 architect and manager of the DB2 Compiler team. He specializes in Query Optimization. Calisto is also a research staff member in the Centre for Advanced Studies (CAS) at the IBM Toronto Lab overseeing collaborative Information Management projects between IBM and academia.

## **Title: How to read query plans and improve performance**

**Abstract:** This presentations will look through some examples of EXPLAIN plans so that you may be able to spot performance issues and take suitable measures to improve query performance.

**Bio:** Calisto Zuzarte ( see above)

## **Title: Utilizing Infosphere Warehouse ROLAP and Data Mining for Smart Analysis**

**Abstract:** Understand the ease with which ROLAP and data mining can be utilized by the business and managed with less time required of the I.T. teams via IBM's InfoSphere Warehouse Solution. Learn about the methods by which the business can achieve empowerment via in-warehouse solutions, while cutting costs to the entire organization by eliminating the

redundant, multiple data mart environments that traditionally serve the various business reporting and analytics requirements. Identify the cost- and time-savings advantages to utilizing B.I. in this manner.

IBM will profile the Blue Cross Blue Shield Association's 'Predicting the Risk of Juvenile Diabetes Hospitalization' Data Mining pilot - which will include the Study Overview, through to the powerful results and the meaning for both the business and I.T.

The case study will commence with the Study overview, detailing the cohort and data description as well as the technical process overview.

The high-level findings achieved via IBM's InfoSphere Warehouse data mining will be examined, and the descriptive statistics will be covered. How the predictive analyses for hospitalization were achieved using InfoSphere Warehouse will be presented, together with the predictive model results and the ability for the business (with little to no I.T. intervention) to examine and see these results via their Cognos B.I. Via the ease of applying the Cognos B.I. tool, drilldown details were achieved, and enabled the business to take a closer look at the highest hospitalization risk groups that this predictive analysis finding provided.

In conclusion, illustrations of different marketplaces' application of this unique, powerful yet simple advanced analytics capability will be examined as well.

Bio:

**Deepak Rangarao**, has over 11 years in the data warehousing space, specializing in analytics. He works extensively with the InfoSphere Warehouse and Cognos product development teams for product recommendations. His skills are across the InfoSphere Warehouse portfolio. Deepak is the Advanced Warehousing Team's expert on Cubing Services. He has written articles on Analytics, PureXML and Cubing Technologies.

**Jacqueline Cumo**,

A 10-year IBM veteran, Jackie began her career with involvement in mainframe DB2, VSAM, and IMS solutions. Transitioning from mainframe solutions to distributed, she became involved in IBM Data Warehousing and B.I. capabilities, and has responsibilities for customers from New York City to Florida. Currently, she is the Data Warehouse Solutions Specialist for New York City Metro Region. With major experiences in working with IBM's healthcare customers, including Blue Cross Blue Shield Plans as well as providers, she is able to discuss first-hand the significance to the U.S. healthcare players in conducting predictive analysis B.I.

### **TRIDEX REGISTRATION FORM Wednesday March 31st, 2010**

Complete the registration form below and Email it to: [tridex@comcast.net](mailto: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 \_\_\_\_\_

Please indicate which meeting you are registering for or both \_\_\_ LUW \_\_\_ z//OS

**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 **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.