

# TRIDEX DB2 for LUW

Featured Speaker:

**Matt Huras**

**IBM Distinguished Engineer, Senior Architect *LUW – Toronto Lab***

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 Thursday March 31st, 2011**

**NEW LOCATION: IBM Corporation 590 Madison Ave (between 56<sup>th</sup> & 57<sup>th</sup>)  
Room 1219, 12<sup>th</sup> Floor**

## **TRIDEX Meeting Agenda**

8:30 - 9:00 Coffee

9:00 - 10:00 Matt Huras , IBM Distinguished Engineer, Senior Architect of DB2 LUW  
***DB2 V9.7 LUW Internals***

10:00 – 10:15 Break

10:15– 11:15 Matt Huras , IBM Distinguished Engineer, Senior Architect of DB2 LUW  
***DB2 V9.7 LUW Internals***

11:15– 11:30 Break

11:30– 12:00 Chris Tsounis, IBM Certified Executive I/T Specialist, NY Banking, Finance and Insurance  
***DB2 pureScale NanoCluster Demonstration***

12:00 – 12:45 Lunch (Sponsored by IBM)

12:45 – 1:45 Brent Gross, STSM with IBM Information Management Development Toronto Lab  
***DB2 Connect Update (Avoiding DB2 Connect Gateways)***

1:40 – 3:00 Steve Tsounis, IBM Client Technical Professional  
***Integrated Data Management Toolset***

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 Bios**

## **Title: DB2 V9.7 LUW Internals**

### **Abstract:**

This presentation is an in-depth explanation of the internals of DB2 on the Unix, Windows and Linux platforms. It will delve into storage management, table management, logging, locking, memory management and other areas in detail. In addition, attention will be given to recently DB2 V9.7 added capabilities such as pureScale, threading, automatic storage, and compression. The session will describe those aspects of DB2's internal workings and the external knobs/switches available to control them which are important for DBAs to get the most out of their DB2 installations and keep their user communities happy.

### **Biography:**

Matt Huras is an IBM Distinguished Engineer, and a Senior Architect of DB2 on the Linux Unix and Windows platform. He focuses on the database kernel, which includes the data management, index management, locking, concurrency and other protocols. Matt has been with IBM for 25 years, and has a Bachelor of Applied Science from the University of Waterloo, and a Master of Engineering from the University of Toronto. Matt's most recent project was DB2 pureScale - a new feature focusing on delivering new levels of scalability and availability. Matt is DB2 pureScale's lead architect.

## **Title: DB2 pureScale NanoCluster Demonstration**

### **Abstract:**

The DB2 pureScale NanoCluster Demonstration utilizes a Technology Explorer which we will use to create disruption during a workload to showcase a failover scenario where DB2 pureScale will leverage its Active-Active High Availability environment. We will also use the NanoCluster to demonstrate the addition of a additional pureScale node while the system is actively executing a workload.

The nanoCluster Demonstration Kit for DB2 pureScale is a 3 node cluster consisting of 2 nodes serving as DB2 pureScale members and Cluster Caching Facility and a third Data Storage node.

### **Biography:**

Christopher Tsounis has greater than 30 years of experience providing technical support of IBM's Information Management products. Chris is currently a Certified Executive I/T Specialist with the NY Banking, Financial and Insurance Information Management Team. Previous Accreditations include IBM Certified I/T Architect, IBM Certified Skills Dynamics Instructor and IBM Certified DBA - DB2 V9 for LUW. Chris is the author of a wide variety of publications (IBM System Center Bulletins, GUIDE Technical Documents and DB2 White Papers). He is the IBM Co-Liaison and Board Member of the Tridex NYC DB2 User Group.

## **Title: DB2 Connect Update (Avoiding 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 datatypes 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

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 architect.

**Title: *Integrated Data Management Toolset***

**Abstract:**

As database systems become more complex, tooling is becoming more important to help organizations progress through the Information Management Lifecycle. Over the past few years, IBM has released an integrated toolset focused on enabling organizations to more efficiently and effectively respond to emergent, data intensive business opportunities while driving down the total cost of ownership. This Integrated Data Management tool suite is an integrated, modular environment to design, develop, deploy, operate, optimize and govern enterprise data throughout its lifecycle. Recently, IBM has announced that two components of this tool suite Optim Database Administrator and Optim Developer will be included with licenses of DB2.

Within Integrated Data Management, data modeling is a key activity in Information Lifecycle Management. Infosphere Data Architect assists documenting and understanding existing data assets. In addition, it is an important activity in modeling future requirements for extending or developing new data assets. For instance, data models can be used to develop an integration schema that can meet the requirements of the end users for Federation, Service Oriented Architecture, Master Data Management and Data Warehouse solutions.

This presentation will help focus on:

- An overview of Integrated Data Management with a focus on Infosphere Data Architect, Optim Database Administrator, and Optim Purequery
- How Infosphere Data Architect can be leveraged to accelerate efforts throughout the development lifecycle
- Best Practices in data model design
- Exploring the new dimensional modeling functionality introduced in Infosphere Data Architect Version 7.5.3

**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 LUW REGISTRATION FORM Thursday March 31st, 2011**

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.

\_\_\_\_\_ **Full Day**

\_\_\_\_\_ **Afternoon Only**

Name \_\_\_\_\_

Company \_\_\_\_\_ Title \_\_\_\_\_

Address \_\_\_\_\_ MS/PO Box \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

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