

# TRIDEX DB2 for LUW

## Featured Speaker:

Sal Vella, VP Development, Distributed Data Servers & Data Warehousing, IBM Toronto Lab

Forth 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>

**Forth Quarter Meeting Tuesday , December 14, 2010**

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

## **TRIDEX AGENDA**

8:30 - 9:00 Coffee

9:00 - 10:30 Sal Vella, VP Development, Distributed Data Servers & Data Warehousing, IBM Toronto Lab  
*DB2 Family Convergence: Building Smarter Systems*

10:30 - 10:45 Break

10:45 - 11:45 Vlad Bregvadeze, Director IBM/ANTs Technology SWAT Team  
*Clearing the Path to DB2: New Migration Resources*

11:45 - 12:30 Lunch (Sponsored by IBM)

12:30 - 1:30 Steve Rees, Manager DB2 for LUW Performance QA  
*DB2 LUW Performance - You've got (frequently asked) questions we've got answers!*

1:30 - 1:45 Break

1:45 - 2:45 Steve Rees, Manager DB2 for LUW Performance QA  
*Transforming Performance: Best Practices for Monitoring and Tuning DB2 LUW with Optim Performance Manager*

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: DB2 Family Convergence: Building Smarter Systems**

### **Abstract:**

Today's Smarter Planet agenda demands more performance and scalability from database servers. The DB2 Family of database servers from DB2 10 for Z/OS to DB2 pureScale has converged in design, tooling, client interfaces and more to bring the best of both worlds to DB2 users.

Come see how the DB2 Family is sharing designs and implementations to create Smarter Systems that are optimized from silicon to application. IBM is shipping workload-optimized systems that bring the best of IBM hardware and IBM software to deliver deep

**Biography:**

Sal Vella is the Vice President, Development, Distributed Data Servers and Data Warehousing based in the IBM Canada Laboratory in Toronto, Canada. He was appointed to this position in June 2005. In this role, he is responsible for the world-wide development of DB2 for Linux, UNIX and Windows and for SolidDB. During this time there have been numerous world-leading innovations including pureXML, extreme compression, the Balanced Warehouse program and many more in the pipeline.

Prior to this Sal was the Director of Enterprise Content Management for IBM's Software Group, Information Management Division. Appointed to this position in February 2003, Sal was responsible for managing IBM's worldwide development of its Content Management software portfolio and drove the creation of the first Enterprise Content Management product set.

Previously, Sal was responsible for the development of Storage Software as part of IBM Storage Systems Group in San Jose. Prior to his movement to San Jose, he was responsible for development of the DB2 Universal Database product set in the IBM Toronto Laboratory.

He joined IBM in 1987 as a software engineer in IBM's Toronto Development Laboratory, in Toronto, Canada. He was one of the original members of the DB2 Development team when the mission moved to Toronto in 1991.

Sal is a graduate of McMaster University in Hamilton, Ontario with a Bachelor of Engineering degree and a Master of Business Administration degree.

**Title:** Clearing the Path to DB2: New Migration Resources

**Abstract:**

Historically database migrations have been a laborious and sometimes risky task, falling short of performance expectations. Typically most of the heavy migration has been performed by a third party developed tool foreign to the host or target DBMS.

Finally, a technology break through has occurred in database migrations. ANT's has developed a native migration solution which is built into DB2 to handle the heavy lifting migration issues.

**Biography:**

Vlad has 15+ years of experience in designing and implementing very large OLTP and DSS RDBMS systems. Vlad has in-depth knowledge of Sybase, Oracle and MSSQL Databases. He has worked with UDB and DB2 products. In addition, he has extensive experience in database migration, Data Warehouse and replication implementations

**Title:** DB2 LUW Performance - You've got (frequently asked) questions, we've got answers!

**Abstract:**

You might think that DB2 performance question you have is a new, never-before-seen one, but chances are, someone's been there before you - so why not take advantage of that, and find out what they did to solve it?

Following on from previous 'performance FAQ' sessions, this year's edition will bring you a new set of common DB2 performance questions (and answers!), to help save you time, should these problems come your way. Topics will include how to optimize utility performance, what are the best uses in a DB2 system for solid-state disks, what kind of a performance boost can be expected from the latest CPU architectures like Power7, how much benefit to expect from LOB inlining, as well as the performance impact of HADR synchronization settings, IDENTITY caching, and more.

**Biography:**

Steve Rees has been with the DB2 LUW development team for 20 years, the last 13 of those as a technical manager in the performance team.

**Title:** Transforming Performance: Best Practices for Monitoring and Tuning DB2 LUW with Optim Performance Manager

**Abstract:** There are a number of well-established and extremely effective best practices available for monitoring and tuning DB2 for Linux/Unix/Windows. Generally, these practices focus on the core DB2 monitoring and tuning interfaces, such as snapshots and event monitors, to provide critical performance data. In this presentation, we look at how these practices can be easily and effectively implemented using Optim Performance Manager (OPM). Using detailed examples from real systems, we explore how key global resource bottlenecks, such as in the areas of disk, CPU, memory and network, can be addressed using the efficient & powerful interfaces provided by OPM. We also look at techniques to drill down and resolve performance issues in specific statements, using OPM and Optim Query Tuner

**Biography:**

Steve Rees as been with the DB2 LUW development team for 20 years, the last 13 of those as a technical manager in the performance

**TRIDEX LUW REGISTRATION FORM Tuesday December 14th, 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/POBox \_\_\_\_\_

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 **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.