

Central Canada DB2 Users Group

DB2 for LUW				
speaker	biography	presentation title	presentation abstract	presentation outline
Tim Vincent, IBM Toronto	IBM Fellow, Chief Architect DB2 LUW	KEYNOTE: "DB2 for Linux, UNIX and Windows - Trends & Directions"	Introduce the capabilities in the 9.7 release of IBM DB2 for Linux, UNIX and Windows. This session will cover the usage scenarios the capabilities are targeting, the business value of these capabilities and a deeper view of some of the underlying technologies. The goal is to provide a good business and technology overview of the new release and setup for deeper session-level dives of the underlying technology. The focus will be on both IT architects, database administrators and developers, as well as line of business users looking towards future technology trends.	
Melanie Stopfer, IBM US - Dallas, TX	Melanie Stopfer is a Consulting Learning Specialist and Developer for IBM Software Group. As a Certified DB2 9 Database Administrator, DB2 Certified Advanced Technical Expert and Certified Learning Facilitation Specialist, she has provided hands-on in-depth technical support to customers specializing in both data warehouse and transaction systems. She has worked with development labs and worldwide customers to provide DB2 solutions since 1988. Melanie is a member of the IDUG Speaker Hall of Fame and was selected as Best Overall Speaker at IDUG NA in 2009 and 2008, Top Ten Speaker at IDUG NA 2009, 2008, 2007, and IDUG Europe 2009, 2008 and 2007. She has received numerous awards for development of DB2 recovery, administration, performance, and database upgrade and migration best practice solutions.	"Upgrading DB2 9.7: Best Practices and Lessons Learned"	Are you responsible for upgrading your database to DB2 9.7? Planning your upgrade is much easier if you know these best practices. Are you looking for details about what will change when you upgrade? Do you know what will not change? What new features will be implemented when you create a new database? Come learn about often overlooked but very important tips and tricks to understand before upgrading.	<ul style="list-style-type: none"> > Describe changes to DB2 9.7 packaging and software and operating system requirements. > Understand DB2 9.7 changes to DDL, utilities, tools and monitoring. > Configure a DB2 9.7 database and instance to implement new features. > Analyze DB2 9.7 changes that affect applications and database runtime behavior. > Develop a DB2 9.7 upgrade strategy.
		"Stuffed with Great Enhancements - DB2 9.7 Fix Pack 1 New Features"	DB2 9.7 Fix Pack 1 is stuffed full of new enhancements to help you maximize performance, recoverability, security and operational management. Get the technical information about the new functions and features available in DB2 9.7 Fix Pack 1 for Linux, UNIX, and Windows. Melanie will discuss the advantages and potential impact of this Fix Pack of DB2 9.7 to your environment.	<ul style="list-style-type: none"> > Plan the installation and migration to DB2 9.7 Fix Pack 1 > Describe the new functions and options for administration of DB2 databases provided by DB2 9.7 Fix Pack 1 > Assess the applicability of the DB2 9.7 Fix Pack 1 features and functions in your application environment to maximize the performance, recoverability, security and operational management > Discuss the advantages and potential impact of this Fix Pack of DB2 to your environment
Vijay Sitaram, McKesson Corp., Minnesota	Vijay has worked with DB2 for LUW for over 10 years. Previously, he has experience working on very large systems and helping customers convert from Sybase to UDB. He enjoys evaluating and applying new features available in DB2 for LUW. Special interest include storage management and optimizer techniques. He currently serves in the IDUG NA 2009 Conference Planning Committee - Presentations Team.	"How I spent by Holidays Upgrading from DB2 LUW V9.1 to V9.7 Fix Pack 1"	My manager immediately approved upgrading from DB2 LUW V9.1 to 9.7 which is a well documented process and laid out the steps. After installing the code on our UAT box, results were desirable and everything ran as smooth as butter! During Christmas holidays, I implemented new features such as currently committed, LOB inlining, LOB compression, index compression, and more. Come learn which of these features gave me the most bang for the buck! I also experienced some problems and worked with IBM Support on several Optimizer and Index related issues. Come to this session and benefit from lessons I learned the hard way. Learn what steps you should take to make your production deployment successful.	<ul style="list-style-type: none"> > Path to Upgrade: Discuss steps taken to: <ol style="list-style-type: none"> Develop an upgrade plan Test it in UAT environment Finally grade the PRODUCTION database Phased approach to rolling out features in V971 > The day after the upgrade, sequence of events: <ul style="list-style-type: none"> Discuss the tests that were run after the upgrade. Did the DBA have a smile on his face or was he looking for a job? Issues worked with IBM and their results: Hope! In detail, go over the PMRs worked with IBM and the numerous special builds and workaround provided to get us through the rough patch. > Realizing the power of V971 features:
Chris Eaton, IBM Toronto	Chris Eaton is Technical Evangelist for DB2 primarily focused on planning and strategy for DB2. Chris has been working with DB2 on the Linux, UNIX, Windows platform for over 18 years. From customer support to development manager, to External Architect and as Product Manager for DB2, Chris has spent his career listening to customers and working to make DB2 a better product. Chris is the author of IBM DB2 9 New Features, DB2 9.7 New Features, and The High Availability Guide for DB2 and has one of the most popular blogs about DB2 on IT Toolbox at http://it.toolbox.com/blogs/db2luw	"Defend your Turf – DB2 Technical Advantages over Oracle"	Do you work for an organization that has multiple database management systems? Do you find yourself battling other groups that want to use Oracle (and you know DB2 is the best choice for this deployment)? Join Chris as he will help arm you to defend your turf. Discussion will be completely technical in nature (no marketing hype) to show you the DB2 technical advantage over Oracle.	<ul style="list-style-type: none"> > DB2 features for leading OLTP and Warehouse performance > DB2 scalable infrastructure to scale up and scale out > Manageability and Autonomic Computing advantage > High Availability advantages with DB2
		"Monitoring Your Database With Just SQL"	DB2 9 now offers very useful administrative views that are built into the server. These views can help monitor database status, system performance, database health as well as help diagnose database problems. The big benefit is that you can do this with simple SQL statements in your very own simple scripts. Chris will take you through these new administrative views and you will walk away with a set of scripts to get you started.	<ul style="list-style-type: none"> > Introduction to the DB2 9 administrative views > Queries to monitor database status > Queries to monitor database performance > Queries to monitor database health > Queries to diagnose database problems
Martin Hubel	Martin Hubel is an independent consultant and has worked extensively with DB2 since 1985. Martin develops and teaches DB2 advanced courses and is recognized as a leading authority in the field. He has been using DB2 Universal Database on Linux, Unix, and Windows since 1993 and has participated in several beta test programs for these platforms. He is a charter member of the IBM Gold Consultants Program, an IBM Information Champion, and a member of the IDUG Volunteer Hall of Fame.	"Managing DB2 With The New Administrative Views and Functions"	While DB2 for LUW has been fairly easy to administer in the past, it became much easier as table functions were introduced in DB2 V8. With DB2 9, administrative views have improved the ease of use even further. Some of the most useful management information is only an SQL statement away. The new administrative views in DB2 9.7 are things that no DBA should miss. This presentation will show examples of how these features can save you and your organization time and money.	<ul style="list-style-type: none"> > Simplification of administration > Types of administrative views > Performance > Administration Information > Best Practices
Matt Huras, IBM Toronto	Matt Huras is a lead architect and development manager of the data management group in UDB development at the IBM Toronto Laboratory. His focus is on the DB2 UDB storage engine, including indexing, data management, buffering, OS services, utilities and high availability. Matt joined IBM in 1984 and has been a lead designer with the UDB development team since 1991. He holds a B.A.Sc in Computer Engineering from the University of Waterloo ('84) and an M.Eng. also in Computer Engineering, from the University of Toronto ('92). Matt is an IBM Distinguished Engineer.	"An Indepth Technical Look At pureScale"	DB2 pureScale is DB2's newest feature aimed at providing practically unlimited capacity, continuous availability and application transparent scaling, over a data sharing architecture. Matt Huras is pureScale's lead architect. In this session he will describe pureScale's value propositions in availability and scalability, as well as the key design points that support these value propositions. Matt will cover pureScale's scalability attributes, how it exploits low-latency communication fabrics, as well as remote direct memory access (RDMA). He will cover how pureScale automatically detects component failures, and recovers from them automatically while maintaining database service from other computers. He will also cover how pureScale maintains availability during system life cycle management events. In addition, the session will describe how pureScale automatically load balances work across multiple computers, and how to configure and monitor a pureScale database.	<ul style="list-style-type: none"> > Introduction to DB2 pureScale > DB2 pureScale design for scalability > DB2 pureScale design for availability > DB2 pureScale configuration and setup > DB2 pureScale monitoring

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Dale McInnis, IBM Toronto	Dale McInnis has a B.Sc.(CS) from the University of New Brunswick and a Masters of Engineering from the University of Toronto. Dale joined IBM in 1988, and has been working on the DB2 development team	"DB2 Backup and Recovery - What Do I Really Need to Know?"	In this presentation we will review the options available to develop a backup and recovery strategy. A detailed examination of how DB2 performs recovery will be performed. Several strategies will be examined and the pros and cons of each will be discussed.	<ul style="list-style-type: none"> > What are the backup and recovery feature of DB2 > How can I efficiently backup a database > How to optimize for recovery > Detailed examination of several real scenarios > Future directions
		"DB2 High Availability Features and Directions"	In depth view of the DB2 high availability features and functionality. Focused discussion on the Integrated HA feature of DB2 9.5 and how to use it. What does this mean for customers already using a cluster manager? Where will DB2 be taking this?	<ul style="list-style-type: none"> > Introduction to HA and DR > challenges we face > DB2 HA Prior to DB2 9.5 > DB2 HA in DB2 9.5 > Future directions
Paul Bird, IBM Toronto	Paul Bird is a senior technical leader and architect for the DB2 for Linux, Unix, and Windows product with a focus on workload management, monitoring, security, and general SQL processing. Paul joined IBM in 1984 and has been a member of the DB2 development team since 1992.	"Workload Management Enhancements in DB2 9.7"	This presentation will review the key workload management capabilities that shipped in DB2 9.7 GA and fixpack1. A number of interesting and useful capabilities were provided in this release which you need to know about. This presentation will cover the important features in this fixpack and explain why they are important to you.	