



**CENTRAL CANADA DB2  
USERS GROUP  
&  
TORONTO IMS REGIONAL  
USERS GROUP**

**2013  
Technical Conference**  
The BMO Institute of Learning  
Toronto, Ontario  
June 17<sup>th</sup> - June 18<sup>th</sup>

# Central Canada DB2 Users Group

25 Hatherton Crescent, Don Mills, Ontario, M3A 1P6 - Email: [ccdb2@ca.inter.net](mailto:ccdb2@ca.inter.net)

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**Monday June 17 – Tuesday June 18, 2013**

The BMO Institute for Learning  
3550 Pharmacy Avenue, Toronto, Ontario, M1W 3Z3

**NEW THIS YEAR! The Toronto IMS Regional Users Group will be co-hosting their quarterly meeting with the Central Canada DB2 Users Group for one day on Monday June 17<sup>th</sup>.**

The Central Canada DB2 User Group presents two EXCITING days of IMS, DB2 for LUW and DB2 for z/OS education! Hear about the future from the chief architects Betty Patterson, Curt Cotner and Matt Huras. Come see and listen to renowned speakers such as John Campbell (IBM – DB2 for z/OS lab), Bonnie Baker (Bonnie Baker Corporation), Suzie Wendler (IBM – IMS), and many IDUG Hall of Fame speakers present on many diverse areas of DB2 and IMS.

Once again we will be offering the opportunity to take IBM Certification exams. The first exam will be offered free. Re-takes or additional exams will be offered at a \$25 fee.

This is the “**must attend**” seminar of the year and is only \$300 for 2 days of DB2 and IMS Education, or \$175 for 1 day of IMS (Monday only)!!

PLEASE NOTE: Registration cut-off date: June 7<sup>th</sup>, 2013 [sorry - no walk-ins]

Registration Includes:

- Presentation materials, continental breakfast, coffee breaks, and lunch.
- Vendor reception on Monday is open to all.

We look forward to seeing you on Monday June 17 – Tuesday June 18, 2013.

Regards,

Tim Johnson, President  
Central Canada DB2 Users Group  
Web: <http://pages.ca.inter.net/~ccdb2>  
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## PRESENTATION ABSTRACTS

These may be subject to change so please excuse the proverbial "last minute changes".

### KEYNOTE

#### **"The Latest News on DB2 Application Development Technology"**

Curt Cotner  
IBM USA

This session will discuss the new and improved technologies that IBM is developing for application developers. Most large enterprises are starting to focus on new applications for mobile devices and systems of engagement. These new applications often incorporate Javascript and JSON. The applications also frequently need simplified programming models, extreme flexibility in database schema evolution, and ultra-agile development models. This session will describe how IBM is going to address these trends, so that DB2 can play a central role in these new applications. We'll go into detail on the new NoSQL JSON datastore and the new Node.js support for DB2, which form the basis of DB2's support for Javascript.

Curt Cotner is an IBM Fellow and VP/CTO for IBM Data Management. Curt has technical and management oversight of IBM's Data Studio and Optim products that provide application development and administration support for both IBM and non-IBM database products. Curt holds approximately 40 patents in database technology topic areas. Prior to taking his current assignment, Curt was the chief architect of the DB2 for z/OS product, where he designed and developed many key features of DB2 for z/OS.

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## DB2 FOR z/OS

### "Application Developers and DB2 for z/OS"

Ted Alexander  
SEGUS Inc.

Things are changing with every release of DB2 for z/OS. More features for application developers to exploit and a few that are going away. In this session we will cover DB2 for z/OS version 9 and DB2 for z/OS version 10 and we'll see if we can find some stuff on DB2 for z/OS version 11. This presentation is geared towards the application developer and the tricks that can make their application run smoothly and upgrade easier to the next release of DB2. Did you ever wonder how DB2 for z/OS new features are chosen? we'll have a look at that too. We look forward to seeing you at the session.

Ted is a Sr. Architect and Data Scientist, IBM Gold Consultant, IBM Information Champion, and President, Atlanta DB2 Users Group. He has been working with DB2 for z/OS since version 2.1 in various roles, as Install Sysadm, Sysadm, Security Architect and Applications Developer. With experience on DB2 for z/OS and DB2 Linux UNIX and Windows, Ted understands many of the issues facing application developers when implementing a new or updated application, implementing a package application or implementing a new version of the databases.

### "SQL Update – Bonnie's take on the new SQL in V9/10"

Bonnie Baker  
Bonnie Baker Corporation

This presentation will look at the new SQL features available in DB2 Versions 9 and 10.

Bonnie Baker is a consultant and educator specializing in applications performance issues on the DB2 OS/390 and z/OS platforms. She is an IBM DB2 Gold Consultant, an IBM Data Champion, a five-time winner of the IDUG Overall Best Speaker award, and a member of the IDUG Speakers' Hall of Fame. She is best known for her series of seminars entitled "Things I Wish They'd Told Me 8 Years Ago"

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## "DB2 Trends and Directions"

John Campbell  
IBM UK

This session will review the highlights of DB2 10. We will give an overview of some of the technical features which are being used most by clients like you. We will also discuss some of the technology trends that are driving future development of DB2, and share what might appear in DB2 11, the next release of DB2.

John is an IBM Distinguished Engineer reporting to the Director for z/OS Development at the IBM Silicon Valley Lab. He has extensive experience of DB2 in terms of systems, database and applications design. He specialises in design for high performance and data sharing. He is one of IBM's foremost authorities for implementing high end database / transaction processing applications.

## "DB2 10 Hot Topics"

John Campbell  
IBM UK

This session will cover important issues and experiences with DB2 10 for z/OS. The objectives are to understand real storage monitoring and control, introduce and discuss performance opportunities and surprises, how to plan for and execute online release migration, introduce and discuss release incompatibilities.

The following topics will be covered: real storage control, release migration in 24\*7 environment, steps to investigate CPU performance, OPTIMIZE FOR 1 ROW, OPTIOWGT, zIIP Capacity, CHAR & VARCHAR & CAST, ECSA consumption, preventative service, SPT01/DBD01 space growth - base and LOB tablespaces, 64-bit common and shared objects.

## "Using Flashcopy with DB2 for z/OS"

Florence Dubois  
IBM UK

FlashCopy makes it possible to create, nearly instantaneously, point-in-time copies of entire logical volumes or data sets. This opens up a whole new world of possibilities, and DB2 for z/OS utilities have started to make more and more use of FlashCopy technology. This presentation will introduce the copy options supported by FlashCopy

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and show how DB2 for z/OS can exploit them. It will provide hints and tips on how to set up your environment. It will also address common pitfalls, including all the gotchas of combining FlashCopy and Remote Copy Services: Metro Mirror (PPRC), z/OS Global Mirror (XRC), Global Copy and Global Mirror.

Florence is an IBM Certified Consulting IT Specialist and a member of the DB2 for z/OS Development SWAT team. In this role, she consults for worldwide customers on a variety of technical topics, including implementation and migration, design for high performance and availability, performance and tuning, system health checks, disaster recovery. Florence presents regularly at conferences and has co-authored several IBM Redbooks publications.

## **"Application Design Considerations when using DB2 for z/OS Data Sharing"**

Florence Dubois and John Campbell  
IBM UK

Running applications in a data sharing environment generally follows the same best practices as running any DB2 for z/OS application. Applications have a role to play in continuous availability. Only relatively minor changes are required to avoid locking hot spots. This presentation explores specific best practices of application design and database design in a data sharing environment. It drills into the topics of locking considerations, high-volume inserts, sequential keys, bind options, and batch processing. It also describes how to deploy applications in a data sharing environment with minimal down time.

## ***"A RUNSTATS is a RUNSTATS is a RUNSTATS - or not?!"***

Ulf Heinrich  
SEGUS Inc.

The DB2 Optimizer always relied on the Catalog Statistics to make access path decisions for dynamic and static SQL. The better the DB2 Optimizer understands your data, the better he can do his job, or in other words: garbage in, garbage out. Outdated or inconsistent statistics easily jeopardize your costs and performance. While current statistics seemed all you needed in the past, Frequency Values, Distribution and Histogram Statistics open up much more options nowadays. The good thing is: the right keywords give existing applications a performance boost and reduce the associated costs. However, a wrong combination gives you a great opportunity to mess it up painfully.

Ulf Heinrich is the Director of Solutions Delivery at SOFTWARE ENGINEERING GmbH. Ulf's specialties are DB2 availability and performance, focusing on the growing requirement for 24x7 operations and cost reduction. As a consultant at large customer sites, he has implemented database maintenance

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procedures and recovery strategies, and also experienced the pitfalls of recovery scenarios under real world recovery pressure. Ulf's activities cover EMEA, as well as North America through SE's U.S. subsidiary, SEGUS Inc.

## **"Eenie Meenie Miney Mo, With Which Table (Space) Type and Page Size Shall I Choose for DB2 on z/OS?"**

John Iczkovits  
IBM USA

Choosing the correct DB2 table (Space) type is very confusing. Should I go with a segmented table space, a UTS (if so, a PBG or PBR), HASH, or maybe good old classic partitioned? How about the page size? I now have a choice of 4K, 8K, 16K, or 32K for my table space and/or index. Should I choose a multi or single table option? Should I compress the object? Choosing the data's correct type and size the first time is essential to avoid costly outages. Come learn about best practices in choosing the correct types and settings for your data.

John Iczkovits is a Consulting IT Specialist with IBM Advanced Technical Skills. He provides DB2 for z/OS technical support and consulting services. His areas of expertise include DB2 data sharing, performance, and availability. His work in IBM includes experience supporting DB2 as a Systems Engineer, Database Administrator, IT Specialist, Consultant, and project lead. He has 31 years of IT experience, ranging from database products such as DB2 and IMS to MVS systems support, including storage management. He has also co-authored IBM Redbooks, Red papers, White papers, trade magazine articles, and presented at SHARE, the DB2 Tech Conference, the Information On Demand Conference, zEXPO Conference, IBM System z Technical Symposium, CMG, IDUG, and at local DB2 users groups.

## **"What Every DB2 for z/OS Professional Needs to Understand about IBM Disk and Tape Virtualization"**

John Iczkovits  
IBM USA

Modern disk and tape does not resemble older technology. What is the real picture regarding modern disk and tape? How does the newer technology change the management of your DB2 environment? How does performance change? The real question is, why do I care about this new technology? Come and find the answers regarding the new technology, and how to best leverage it for your DB2 environment.

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## "DB2 V10 Performance Opportunities"

Susan Lawson

Yevich, Lawson & Associates

This presentation looks at the features of DB2 10 for z/OS with an emphasis on the features focusing on performance. DB2 10 promises opportunities for CPU savings in various areas. We will review those enhancements and look at all available features in the database, system and SQL and their potential usage. We will look at where the performance opportunities are, what we need to do to take advantage of them, and any additional considerations when exploiting these features. We will also look at experience with these features and performance realizations.

Susan Lawson is an internationally recognized consultant and lecturer with a background in system and database administration. She currently works with several large clients to help develop, implement and tune some of the worlds' largest and most complex DB2 databases and applications. She also performs Performance and Availability Audits for many clients to help reduce costs through proper performance tuning and to help ensure availability. Her other activities include authoring articles and white papers, presenting at user group meetings, and teaching a variety of DB2 courses. She is an IBM GOLD Consultant for DB2 and z/Series, and an IBM Information Champion and has authored the IBM 'DB2 for z/OS V8 DBA Certification Guide' and the IBM 'DB2 for z/OS V7 Application Programming Certification Guide'. She is also the co-author of several DB2 books including the IBM 'DB2 10 for z/OS DBA Certification Guide', IBM 'DB2 9 for z/OS DBA Certification Guide', 'DB2 High Performance Design and Tuning' and 'DB2 Answers'. She is also a SME (Subject Matter Expert) for the IBM Certification exams for DB2 z/OS Database and System Administration assisting with writing and verifying questions for the exams.

## "The Challenges and the Redesign of a BigData Mission Critical Application"

Bryan Paulsen

John Deere

Short Abstract: We have a telematics application at John Deere that has recently experienced some challenges as it grows up into a BigData mission critical system. This past year we embarked on a redesign of the application and database in order to provide greater availability and scalability. This presentation will cover the challenges of the application and a variety of DB2 features that we used or chose not to use in enhancing the application and database.

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Bryan Paulsen is a technology architect for John Deere in Moline, IL. He specializes in DB2 for z/OS in the DB2 Classic/Legacy and DB2 SAP environments. His experiences include DB2 systems programming, project manager for the DB2 V8, 9 and 10 Early Support Programs, DB2 disaster recovery technical lead and project manager for migrating John Deere's SAP implementations to SAP on DB2 for z/OS. He is a founding member of the Very Large Database (VLDB) Technical Exchange; an organization of companies running SAP on DB2 for z/OS. Bryan has spoken at IDUG North America, IDUG Europe, IDUG Regional Forums, IBM's Information On Demand, SHARE, Central Canada DB2 User Group and Colorado DB2 User Group. He received the Best User Speaker Award for IDUG North America 2004, 2007 and 2009 and IDUG Europe 2007. He is a member of the IDUG Speakers Hall of Fame. Bryan served on the IDUG North America Conference Planning Committee from 2007 until 2012 and was the Conference Chair for IDUG North America 2011. Bryan has been recognized as an IBM Information Champion in 2009, 2010, 2011 and 2012.

## **"Temporal Tables and Data Versioning"**

Steen Rasmussen  
CA Inc.

The attendee will get a deep dive into all the DDL changes needed in order to exploit DB2 V10 Temporal tables as well as the limitations. A case study scenario using a live DB2 V10 system will be used to illustrate how the data is versioned and how the application needs to understand what to request in order to get the desired data. Finally we will look at which currently implemented solutions can be modified to use Temporal tables instead.

Steen Rasmussen is a Sr. Engineering Services Architect currently instrumental in the ongoing development and support of the CA DB2 tools. In 1985 Steen started as an IMS/DB2 DBA at a major insurance company in Denmark working with all aspects of DB2 - like tuning, application design and implementation, education of developers, backup and recovery planning and automation of housekeeping processes. During this job, Steen also served as a member of the planning committee for DB2 GUIDE SHARE Nordic Region. In 1995 Steen became a technical manager at PLATINUM Technology managing technical support and presales for the DB2 products. Steen has been working with DB2 for more than 23 years starting with DB2 Release 1.0 and is always looking for new opportunities in the CA DB2 solutions which can help customers manage DB2 more efficiently. Besides from providing support for the teams in the field as well as internal groups working with DB2, Steen also is a frequent speaker at IDUG in North America and EMEA as well as local DB2 User Groups around the world.

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## DB2 Cross-Platform

### **“The Truth About Data Studio”**

Saghi Amirsoleymani  
IBM USA

Integrated Data Management (IDM) is a cornerstone to real cost savings within the IT center. IBM's Optim portfolio is the highway of savings with technologies like Query Workload Tuner, pureQuery and more. The on-ramp to this cost savings highway is called Data Studio and it's a no-charge download available from IBM's website. Since Data Studio is the replacement for the now deprecated Control Center and Optimization Service Center, get a full tour of your new GUI home: Data Studio and find out all the things you can do for FREE! As well as a preview to what more you can do with Query Workload Tuner.

Saghi Amirsoleymani is a Solutions Architect in the Optim Data Studio Enablement team at IBM's Silicon Valley Lab in San Jose, CA, where she enables customers and partners on IBM Optim Data Studio technologies. Prior to joining this team, Saghi was part of the DB2 z/OS L2 team. She joined IBM in 1999, after finishing her degree at University Southern California. She has presented on various topics related to Data Studio and Performance at the Information on Demand and IDUG conferences, various user groups, and events.

### **“Best Practices for High Availability with DB2 Connect”**

Brent Gross  
IBM Canada

This session highlights the recent changes in DB2 Connect in the area of high availability. This includes a focus on seamless failover, as well as serviceability, configuration and setup improvements that allow applications to be insulated from member outages, as well as to allow easier rollout of new drivers.

Brent Gross is a STSM with IBM Information Management Development out of the Toronto Lab. He has over 25 years of experience with IBM and has been developing for IBM databases since 1995. His responsibilities have included 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, JDBC and .NET support for IBM Data Servers as well as the overall DB2 Connect architect.

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## DB2 FOR LINUX, UNIX and WINDOWS

### **"DB2 PureData System for Transactions - Inside the Box"**

Chris Eaton  
IBM Toronto

IBM has a long history of workload optimized systems. The latest release of IBM PureData Systems for Transactions delivers DB2 LUW optimized for OLTP in a box. Join Chris as he describes the technology inside the box and how it all fits together and how you can deploy this solution for your most critical OLTP applications. Chris will also compare it to offerings from Oracle that try to be a one size fits all solution which we will contrast with the optimization built into PureData.

Chris Eaton is a Worldwide Technical Specialist for IBM's Information Management products focused on Database Technology and Workload Optimized Systems. Chris has been working with DB2 on the Linux, UNIX, and Windows platform for over 20 years. He is the author of several books in the data management space and is an international award winning speaker. Chris also has one of the most popular blogs about DB2 on IT Toolbox at <http://it.toolbox.com/blogs/db2luw>

### **"DB2 9.1 to 10.5 Compression - Internals of the compression evolution"**

Chris Eaton  
IBM Toronto

IBM has been delivering new compression features in every new release of DB2 LUW since 9.1. In this session Chris will go through all of the compression capabilities in DB2 from the very beginning right up to and including the new column organized compression capabilities in DB2 10.5. We will cover each of the compression features and look at the internals to show exactly how DB2 compression works so that you can leverage the capabilities of data, index, columnar, XML, log and LOB compression most effectively.

### **"Improving Access Paths Through Proper Index Design"**

Martin Hubel  
MHC Inc.

Many applications enter production with sub-optimal indexing strategies. Regardless of the reasons for this, performance can be substantially improved if indexes are designed

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or redesigned to better match the needs of the application, to reduce search times, and to avoid sorts. This presentation will review index structure, and discuss a number of ways to use and redesign indexes without affecting application integrity. Quick methods for changing indexes will be shown. This presentation applies to DB2 for LUW, and examples will come from the presenter's experience.

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 an IBM Information Champion, and a member of the IDUG Volunteer Hall of Fame. He is a member of the DB2 LUW SAP Technical Leadership Exchange.

## **"DB2 10.5 with BLU Acceleration : A Technical Overview"**

Matt Huras  
IBM Canada

In this presentation, Matt will provide a deep technical look at the features and the value provided, by DB2 10.5. He will focus on the key technical concepts that are essential to understanding the features, and how they bring significant value to organizations. He will cover the following features in depth:

- massive improvements in performance, storage savings and time to value with BLU acceleration
- achieving 24x7 operations with rolling updates and other new availability features
- new DR options for DB2
- several new SQL advancements
- new noSQL options with DB2
- many others new capabilities
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Matt Huras is an IBM Distinguished Engineer, and chief architect for DB2 on the LUW platforms. Matt's areas of expertise include data management, index management, locking, concurrency and other protocols. Matt has been with IBM for 28 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.

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## **"DB2 with BLU Acceleration - DB2's Native Columnar Processing for Analytics"**

Sam Lightstone  
IBM Canada

Presentation by the founder and architect. We introduce DB2's remarkable powerful parallel vector processing capabilities, providing industry leading technology for data mart and warehouses. This technology provides dramatic improvements to ease of use, performance and storage consumption, with examples of entire workloads improving by over 100x, and individual query improvements over 1000x. This session provides an overview of the new technology, a peek at its underlying technology concepts, recent results with internal tests and customer experiences. This talk will include discussion of features and capabilities, internals, examples of DB2 syntax, results and best practices.

## **"DB2 Crisis Management"**

Thomas Kalb  
ITGAIN

There are some catastrophic database events that fortunately rarely occur. However every database administrator should have a response strategy in place to handle them if they do arise. The DBA should be positioned to respond and manage events such as an instance crash, when there is no response from DB2 (DB2 Hanging), if DB2STOP is failing to finish or there are DB2 connection interruptions. Problems such as these will be presented along with crisis management resolution suggestions that are based on many years of DB2 experience across a variety of installations.

Thomas Kalb is a CEO and founder of ITGAIN an international software company specializing in performance tuning and monitoring for DB2 UDB LUW. ITGAIN is an IBM Premier Business Partner. As Chief Architect he leads the development of the Speedgain DB2 LUW monitoring software. Thomas is an IBM champion and developed his considerable DB2 expertise on both Z/OS and UDB platforms through many years of consulting projects at large European corporations. He has been an active participant and has presented at Guide Share Europe, IBM IOD and IDUG. His current technical focus is in the areas of: DB2 High Availability, System Tuning, DB2 Health Checks, Problem Determination and Solution, Storage Optimization as well as DB2 pureScale performance. He has presented to local user groups in Europe and North America including the Central Canada DB2 User Group and TRIDEX (NYC/NJ).

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## **"DB2 Business Continuity Features"**

Dale McInnis  
IBM Canada

This presentation will review the functions and features available within DB2 to provide Business Continuity. We will examine local HA options, DR options and everything in between.

Dale McInnis is a Senior Technical Staff Member (STSM) at the IBM Toronto Canada lab. He 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 since 1992. Dale's area of expertise includes DB2 for Linux, UNIX and Windows Kernel development, where he led teams that designed the current backup and recovery architecture and other key high availability and disaster recovery technologies. Dale is a popular speaker at the International DB2 Users Groups (IDUG) conferences worldwide, as well as DB2 Regional users groups and IBM's Information On Demand (IOD) conference. His expertise in the area DB2 availability area is well known in the information technology industry. Dale currently fills the role of DB2 Availability Architect at the IBM Toronto Canada Lab.

## **"Practical options and trade-offs for database availability"**

Dale McInnis  
IBM Canada

This presentation will review practical options and trade-offs for database availability.

## **"Wowza! Great Tips I've Learned about DB2 LUW 10"**

Melanie Stopfer  
IBM US

Look at all the great hints and tips I've learned about DB2 LUW 10. Melanie will present tips and tricks that she has learned about DB2 LUW. Many times these small but great enhancements are overlooked. The goal is to provide you with an arsenal of tips you can use in various database administration situations. Come learn DB2 LUW 10 ideas, tips and tricks that you need to know.

Melanie Stopfer is a Consulting Learning Specialist and Developer for IBM Software Group. She is recognized worldwide as a database specialist and DB2 LUW technical

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expert. As a Certified DB2 10.1 Advanced Technical Expert and Learning Facilitation Specialist, she has provided in-depth technical support to IM customers specializing in recovery, performance and database upgrade and migration best practices since 1988. In 2009, Melanie was the first DB2 LUW speaker to be inducted into the IDUG Speaker Hall of Fame and was again selected Best Overall Speaker at IDUG EMEA 2011 and 2012 and IDUG NA 2012.

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## IMS

### **"IMS 13 Preview and Value Proposition"**

Betty Patterson  
IBM US

Betty Patterson will provide a technical overview of the IMS 13 release. Building on the success of IMS 12 and the expansive growth of IMS integration capabilities, IMS 13 promises to keep IMS in the top spot with regard to performance and availability. Its release enhancements help you reduce TCO, extend the lifecycle of your IMS assets, and build new System z experts.

Betty Patterson is an IBM Distinguished Engineer and the IMS Chief Architect, responsible for IMS architecture and design. She joined IBM as a programmer working on the development of IMS after earning her Bachelor of Science degree in computer science from California State University Sacramento. Betty was named an IBM Master Inventor in 2007 and elected to the IBM Academy of Technology in 2009. She has a long history of leadership and innovation in driving the transformation of IMS's capabilities, especially in the areas of system management, automation, operations, parallel Sysplex and shared message queues.

### **"Want to Modernize Your IMS Administration? Build your Knowledge Base and Learn Best Practices? We can Help."**

Janet LeBlanc  
IBM US

IBM IMS is sometimes viewed as a legacy product where nothing changes. We don't agree. IBM has moved decisively toward autonomics and modernization of the tooling that surrounds IMS. Plus, IMS is a database and transaction manager that can be extensively optimized and calibrated in order to achieve the best possible performance. However, IMS administrators today are often the graduates of schools that may not teach deeply enough about the mainframe. IMS Tools provide an easy way to get the best possible performance from the databases that house your most critical business data and processes. Janet Leblanc will share with you the latest news about IBM efforts to facilitate your IMS administration. She'll discuss how to use IMS Tools to simplify ongoing database monitoring and maintenance tasks and relieve the day-to-day burden on IMS DBAs, in part by using the consolidated data found on the IMS Administration Console dashboard. You'll also hear how to reduce analysis efforts by generating recommended actions.

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Janet LeBlanc is the IMS Tools Architect/Strategist for the IMS Tools team at the IBM Silicon Valley Laboratory. Janet is responsible for the Technical IMS Tools training, competitive analysis, and customer technical sessions at conferences, road shows and on teleconferences. Janet has worked with IBM's IMS Tools since 1999 in technical sales and development sales support. Prior to joining IBM, Janet has worked with DB Tools as a vendor and a customer, and as a DBA in the defense industries. Janet has been involved on the mainframe for over 35 years and with IMS and IMS Tools for over 25 years as a customer, vendor and IBMer.

## **"Tuning Mainframe/IMS Batch Processing to Reduce Cost"**

Gary Salazar  
BMC Inc.

When was the last time you tuned your mainframe/IMS batch processing? Over the years even the best architected systems can still run less than efficiently due to continual changes and additions based on required business needs. It's time to give your mainframe/IMS batch a tune-up. The result could be BIG cost savings. So in this session we will talk about how to optimize your batch with currently available techniques as well as introducing something new for IMS.

Gary Salazar is a software developer at BMC Software. He has been at BMC for 23 years and has worked in many of the BMC IMS product areas. His primary expertise is in the IMS database performance area.

## **"IMS Connectivity, High Availability, and Workload Balancing"**

Suzie Wendler  
IBM US

With the ever-increasing integration options to access IMS resources, the policies that you use in your shop with regard to scalability, backup, and failure scenarios need to be reframed. In this session, IMS ATS expert speaker Suzie Wendler explains and compares the variety of options that are available to help you with this reframing, including Sysplex Distributor, IMS Connect Datastore routing, the use of aliases with IMS open access capabilities to manage workload requests, IMS callout capabilities, and much more. Bring your questions!

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See Our Web Site at: <http://pages.ca.inter.net/~ccdb2>

## **Central Canada DB2 Users Group**

25 Hatherton Crescent, Don Mills, Ontario, M3A 1P6 - Email: [ccdb2@ca.inter.net](mailto:ccdb2@ca.inter.net)

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Suzie Wendler is a Consulting I/T Specialist in the IBM IMS Advanced Technical Skills organization. Over the past several years, her major responsibilities have included areas such as customer support, critical situation analyses, IMS SOA, and Connectivity projects. She has been involved in several onsite consulting projects including implementations of connectivity designs and Proofs of Technology. Additionally, she has presented at several User Groups, including Share and the IMS regional user groups; has been involved in IBM-sponsored activities such as technical seminars and the IOD; and has provided both technical and teaching support for IMS hands-on workshops.

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## IBM Certification Exams Tuesday June 18<sup>th</sup>

Robert Borovsky  
IBM Toronto

Once again the Technical Conference will be offering the opportunity to take IBM Certification exams – courtesy of IBM Canada. The first exam will be offered free. Retakes or additional exams will be offered at a \$25 fee.

There are limited time slots. A signup sheet will be available at registration on Monday June 17<sup>th</sup> for attendees to schedule their exam(s).

The following link lists the available exams.

[http://pages.ca.inter.net/~ccdb2/IBM\\_Certification-201105.pdf](http://pages.ca.inter.net/~ccdb2/IBM_Certification-201105.pdf)

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**MONDAY June 17**

**8:15 - 8:50** badge pick-up attendees - please be seated in the large presentation hall [near the registration desk] by 9:00 AM

**9:00 - 10:30** **ALL ATTENDEES:** meet in the main presentation hall for opening remarks and Curt Cotner's keynote presentation.

9:15 - 10:30	<b>Curt Cotner,</b> IBM, IBM Fellow and VP/CTO for IBM Data Management <b>KEYNOTE: "The Latest News on DB2 Application Development Technology" ... Q&amp;A</b>
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MOVEMENT/COFFEE BREAK

	DB2 for z/OS - Presentation Hall	DB2 LUW	Breakout	IMS
10:45 - 12:00	DB2 Trends and Directions John Campbell - IBM	DB2 10.5 with BLU Acceleration : A Technical Overview Matt Huras - IBM		IMS 13 Technical Preview and Value Proposition Betty Patterson – IBM
LUNCH				
01:15 - 02:15	DB2 V10 Performance Opportunities Susan Lawson - Yevich, Lawson & Associates	Great Tips I've Learned about DB2 LUW 10 Melanie Stopfer - IBM	Application Design Considerations when using DB2 for z/OS Data Sharing Florence Dubois and John Campbell - IBM	Tuning Mainframe/IMS Batch Processing to Reduce Costs Gary Salazar - BMC
coffee break				
02:30 - 03:30	DB2 V10 Performance Opportunities Susan Lawson - Yevich, Lawson & Associates	DB2 PureData System for Transactions - Inside the Box Chris Eaton - IBM	Use of Flashcopy with DB2 for z/OS Florence Dubois - IBM	IMS Connectivity, High Availability, and Workload Balancing Suzie Wendler – IBM
coffee break				
03:45 - 04:45	DB2 10 Hot Topics John Campbell - IBM	DB2 9.1 to 10.5 Compression - Interals of the compression evolution Chris Eaton - IBM		Want to Modernize Your IMS Administration? Build your knowledge base and learn best practices? We can help. Janet LeBlanc - IBM
04:45 - 6:30	Vendor Expo / Reception			

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# Central Canada DB2 Users Group

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TUESDAY June 18					
	DB2 for z/OS - Presentation Hall	DB2 LUW	Breakout	PC Lab	
9:00 - 10:00	SQL Update - Bonnie's take on the new SQL in V9/10 - Part 1 Bonnie Baker - Bonnie Baker Inc.	Options and Trade-offs for DB Availability Dale McInnis - IBM	The Truth About Data Studio (Cross Platform) Saghi Amirsoleymani - IBM		
coffee break					
10:15 - 11:15	SQL Update - Bonnie's take on the new SQL in V9/10 - Part 2 Bonnie Baker - Bonnie Baker Inc.	DB2 Business Continuity Features Dale McInnis - IBM	Best Practices for High Availability with DB2 Connect (Cross Platform) Brent Gross - IBM	C E R T I F I C A T I O N	
coffee break					
11:30 - 12:30	Temporal Tables and Data Versioning Steen Rasmussen - CA	DB2 Crisis Management Thomas Kalb - ITGAIN	Eenie Meenie Miney Mo, With Which Table (Space) Type and Page Size Shall I Choose for DB2 on z/OS? John Iczkovits - IBM		
LUNCH					
1:30 - 2:30	Application Developers and DB2 for z/OS Ted Alexander - SEGUS Inc	DB2 BLU Acceleration Deep Dive - Understanding Column Organized Tables Sam Lightstone - IBM	What Every DB2 for z/OS Professional Needs to Understand about IBM Disk and Tape Virtualization John Iczkovits - IBM		
coffee break					
2:45 - 3:45	The Challenges and the Redesign of a BigData Mission Critical Application Bryan Paulsen - John Deere	Improving Access Paths Through Proper Index Design Martin Hubel - MHC Inc.	A RUNSTATS is a RUNSTATS is a RUNSTATS - or not?! (z/OS) Ulf Heinrich - SEGUS Inc		
CLOSE					

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## Travelling To The Institute For Learning 3550 Pharmacy Avenue, Scarborough, Ontario, M1W 3Z3

### *From West:*

Follow the 401 east bound to the Don Valley Parkway (DVP) exit. From this exit take the 404 north. Follow the 404 north to Steeles and Woodbine exit (Exit 22). Stay to the right of the exit, as you will be turning right on to Steeles. Once on Steeles, go to the third set of lights, which is **Pharmacy Avenue**, and turn right. Follow Pharmacy Avenue south to the first driveway and turn right. Follow the driveway to the parking lot, which is located on the West side of the building.

### *From East:*

Follow the 401 west bound to the Don Valley Parkway (DVP) exit. From this exit take the 404 north. Follow the 404 north to Steeles and Woodbine exit (Exit 22). Stay to the right of the exit, as you will be turning right on to Steeles. Once on Steeles, go to the third set of lights, which is **Pharmacy Avenue**, and turn right. Follow Pharmacy Avenue south to the first driveway and turn right. Follow the driveway to the parking lot, which is located on the West side of the building.

### *From North:*

Follow the 404 south to Steeles Avenue. Turn left on to Steeles and at the fourth set of lights, which is **Pharmacy Avenue**, turn right. Follow Pharmacy Avenue south to the first driveway and turn right. Follow the driveway to the parking lot, which is located on the West side of the building.

### *From South:*

Follow the Don Valley Parkway (DVP) north and once you cross over the 401, it becomes the 404. Follow the 404 north to Steeles and Woodbine exit (Exit 22). Stay to the right of the exit, as you will be turning right on to Steeles. Once on Steeles, go to the third set of lights, which is **Pharmacy Avenue**, and turn right. Follow Pharmacy Avenue south to the first driveway and turn right. Follow the driveway to the parking lot, which is located on the West side of the building.

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## ACCOMODATION

- [Hilton Suites Conference Centre](#)  
8500 Warden Ave, Markham, Ont (beside the IBM Toronto Lab in Markham)
- [Holiday Inn Hotel & Suites Toronto-Markham](#)  
7095 Woodbine Ave, Markham, Ont
- [Sheraton Parkway Hotel Toronto North in Richmond Hill](#)  
Highway 404 and Highway 7, Richmond Hill, Ont
- [Courtyard By Marriott Toronto Markham](#)  
65 Minthorn Court, Markham, Ont

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## Users Group Meeting Registration

We now accept payments by cheque, Pay-Pal, and credit cards.

Regardless of your payment option, please email the following form to [ccdb2reg@ca.inter.net](mailto:ccdb2reg@ca.inter.net), and indicate which session you wish to attend, i.e. DB2 for z/OS, DB2 for LUW, or IMS

Please check the appropriate box if you would be interested in taking a DB2 Certification test on June 18th, 2012.

If you would like to pay on-line via Pay-Pal or credit card, please follow this link: [Online Payments](#)

Otherwise, please print and complete this form, and mail with a cheque for the appropriate amount to the address below.

Please make cheques payable to: "Central Canada DB2 Users Group".

### Please Note:

- Registrations must be received by Friday June 7<sup>th</sup>, 2013.
- Register before May 17<sup>th</sup>, 2013 to be eligible our Early Bird draw (\$200 Gift Certificate).
- Sorry - NO WALK-INS.

Email: [ccdb2reg@ca.inter.net](mailto:ccdb2reg@ca.inter.net)

Mail: Central Canada DB2 Users Group  
\*\*\* PLEASE NOTE NEW ADDRESS \*\*\*  
25 Hatherton Crescent  
Don Mills, Ontario, M3A 1P6

Voicemail: 416 345-3347

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## Meeting Registration June 17 – June 18, 2013 BMO's Institute for Learning

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Tel: \_\_\_\_\_ Email: \_\_\_\_\_

2 Days DB2 for z/OS: \_\_\_\_\_ \$300 per person (Includes HST)

2 Days DB2 for Linux,  
UNIX, Windows: \_\_\_\_\_ \$300 per person (Includes HST)

1 Day IMS : \_\_\_\_\_ \$175 per person (Includes HST)

HST# R123621492

Total Enclosed: \$ \_\_\_\_\_

Please make cheque payable to: **Central Canada DB2 Users Group**

**Please Note:**

No Shows and cancellations on less than 72 hours notice will be invoiced for the full amount

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