Dear Tridex Db2 z/OS Members,

We are pleased to announce the Tridex Db2 z/OS October 3rd meeting agenda. As a reminder, you must register for the meeting at the new Tridex website www.tridex.org. Email registration will no longer be accepted.

TRIDEX DB2 for z/OS

Featured Speakers:

Chad Reiber, Mainframe Product Support, BMC
Sheryl Larsen, Worldwide Db2 Solutions, BMC
Jim Porell, Director of Solutions Advisors, Rocket Software
Jonathan Sloan, Senior Analytics Architect, IBM

Third 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.

Third Quarterly Meeting October 3rd, 2018

Location: IBM Corporation 590 Madison Ave (between 56th & 57th St.)
Room 1219, 12th Floor

Meeting Agenda

8:30 – 9:00	Coffee (provided by BMC)
9:00 – 10:15	Chad Reiber, BMC *Ensuring Availability with Modern Db2 Backup and Recovery Strategies*
10:15 – 10:30	Break
10:30 – 11:45	Sheryl Larsen, BMC *Revival of the SQL Tuner*
11:45 – 12:45	Lunch (provided by BMC)
12:45 – 2:00	Jim Porell, Rocket Software *Security for a Modern Mainframe Database Environment*
2:00 – 2:15	Break
2:15 – 3:30	Jonathan Sloan, IBM *Machine Learning for z/OS*

Please distribute the fliers to others in your organization who may wish to attend.   Pre-registration is required for security reasons.

Sincerely Tridex BOD,
Celia Gahagan, Angela Arettines, Joe Geller, Ulf Heinrich, Umesh Mehta, Chris Tsounis, Steve Tsounis, Nate Murphy

Abstracts & Biography

Session title: Ensuring Availability with Modern Db2 Backup and Recovery Strategies

Session abstract: This presentation will discuss what we as DBA and System folks can do now to help when there is a recovery situation. We all have done recoveries… but we usually don't wake up one morning and say let's do some recoveries today. Or are we ready for a hardware or software failure today? Some companies have woken up and said just those words. Why? Probably because they just had an unplanned outage, maybe in DB2 or maybe someplace else. During the presentation, think about recovery in your shop … What if there was a problem tonight. Can you recover? I will show you some things BMC had integrated in their tools to help prepare for recovery so you can answer that question with confidence.

Speaker biography: In 1983 Chad Reiber started in IT with AT&T as a developer of data generator software. From there he moved into the database arena as a database administrator for IMS, IDMS, and Db2. Chad has been working with Db2 since 1987. Chad began working for BMC Software in 1997 as a Software Consultant and primarily supports all aspects of BMC's Mainframe products for the Northeast Db2 community.

Session title: Revival of the SQL Tuner

Session abstract: The pool of DBAs with SME knowledge of SQL tuning has shrunk dramatically while the number of SQL statements needing attention has grown and will continue to grow. DB2 performance tooling can help identify what needs to be tuned. But what do you do then? This presentation will help fill the skills gap by reviving the role of an SQL Tuner. Specifically, you will learn what access paths are good for what types of queries, what indexes are best, and how to change the DB2 optimizers mind.

Speaker biography: Sheryl M. Larsen represents Worldwide Db2 Z Solutions at BMC. Previously she worked for IBM, Sheryl M. Larsen, Inc., and Platinum Technology. She is known for her extensive expertise in SQL Tuning and has performed detailed Db2 Performance Health Checks for many fortune 500 clients. Sheryl has over 25 years' experience in Db2, has published many articles, white papers and co-authored a book, Db2 Answers, Osborne-McGraw-Hill, 1999. Currently she is the President of the Midwest Db2 User Group - www.mwdug.org, an IBM Z Champion, and a member of the Northern Illinois University Computer Science Alumni Council.

Session title: Security for a Modern Mainframe Database Environment

Session abstract: IBM's mainframe security is well known for being hacker resistant. However, the deployment of technology depends on a combination of people, process and technology. Some of those processes, like authentication, begin on desktops and mobile devices that are outside the mainframe security controls and most susceptible to theft, key logging and other means to enable unauthorized personnel to access mainframe systems. There's also a consideration to enable access to data on a need to know basis. This includes access to personnel data, financial records and critical business intellectual property. This presentation will

discuss mainframe capabilities that enable more secure authentication, data protection and audit capabilities that further inhibit unauthorized access without cumbersome end user interface changes or system overhead.

Speaker biography: Jim Porell is a Rocket Software Director of Solutions Advisors, focusing on pre and post sales technical assistance for Security, Storage and System products from IBM. Prior to joining Rocket, he was an independent consultant and retired IBM Distinguished Engineer. He held various roles as Chief Architect of IBM's mainframe software and led Business Development and marketing of Security and Application Development for the mainframe. His last role IBM role was Chief Business Architect for Federal Sales. Jim held a TS/SCI clearance for the US Government, was a member of the US Secret Service Electronic Crimes Taskforce in Chicago and co-authored several security books. He has done cybersecurity forensic work at a number of Retail, Financial and Government agencies and created a methodology for interviewing customers to avoid security breaches for large enterprises.

Session title: Machine Learning for z/OS

Session abstract: Gain an overall understanding of Machine Learning for z/OS and its role in enabling advanced analytics on IBM Z. You will learn how this machine learning technology integrates with Db2 Analytics Accelerator and Db2 for z/OS to drive real-time insight on an enterprise scale.

Maximize the ROI of your Enterprise Data and Machine Learning Investment
Get the most out of your investment in data science skills by integrating machine learning models with transactional applications to optimize every interaction and decision with the freshest enterprise data.

Data scientists' skills are valuable and the models they develop are vital to the business. Maximizing the impact of your data scientist skills is dependent upon the currency of their data source, latency of execution and the way models are deployed and monitored over time. The lowest latency and freshest data exists within engagement applications on transactional systems. Integrating machine learning models with transactional applications gives you the ability to optimize every interaction and decision.

Often, more sensitive, personal data represents a unique combination of information about your clients and business that only your organization possesses. Leveraging this data for machine learning gives you the insight you need to outperform competitors.

Speaker biography: Jonathan Sloan is an IBM Senior Analytics Architect. He excels in helping others apply advanced analytic and machine learning technology to business problems. Jonathan has experience in a number of industries with a focus on health care, insurance, financial services and consumer packaged goods. He is passionate about helping organizations drive greater insight and value from enterprise data. He excels working directly with customers and providing leadership within team environments.

Registration: Db2 for z/OS Users Group October 3rd 2018 meeting

www.tridex.org

Enrollment Instructions:

New members must first register on the site:
- **Go to https://www.tridex.org/join-tridex/ to register. (This is a one-time process. You will be emailed a starting password, along with a link to modify that password.)**

Existing members:

- Go to **https://www.tridex.org/login/** to enter your email address and password
  - Click Login
  - Click Meetings
  - Click Upcoming Meetings
  - Click Db2 z/OS
  - Click October z/OS meeting
  - In the middle of the page – Click Confirm RSVP
  - You will receive an email confirmation of your registration
- If you need to cancel your registration at a later time, you can also do it from here.

If you have any problems with the registration process, please contact **celia.gahagan@tridex.org**

Special thanks to BMC for sponsoring our October meeting.