

TRIDEX_{DB2} for z/OS

Featured Speakers:

Jeff Bisti, Hybrid Cloud Solutions Architect IBM Systems World Wide Client Centers

Howie Hirsch, IBM Cybersecurity Specialist Guardium for z/OS System Z Security Team

Second 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.

Second Quarter Meeting Monday June 5th, 2017

LOCATION: IBM Corporation 590 Madison Ave (between 56th & 57th)

Room 1219, 12th Floor

TRIDEX AGENDA

8:30 – 9:00	Coffee (Provided by UBS-Hainer)
9:00 – 10:15	Jeff Bisti, Hybrid Cloud Solutions Architect IBM Systems World Wide Client Centers <i>Enabling APIs in a Modern Hybrid Cloud Environment</i>
10:15 – 10:25	Break
10:25 – 11:25	Kai Stroh, Senior Developer DB2 for z/OS at UBS Hainer <i>Log Enhanced Copies for 24x7 DB2 Refresh/Migration</i>
11:30 – 12:30	Nate Murphy, President Tcorem, DVDUG BOD Member <i>Finding CPU & MSU Gold in Legacy COBOL Stored Procedure Code</i>
12:30 – 1:15	Lunch (provided by UBS-Hainer)
1:15 – 2:30	Howie Hirsch, IBM Cybersecurity Specialist Guardium for z/OS System Z Security Team <i>Protecting Your Crown Jewels</i>

Please distribute the fliers to others in your organization who may wish to attend. Pre-registration is required for security reasons. **Email: tridex@comcast.net**.

Abstracts & Biography

Title: Enabling APIs in a Modern Hybrid Cloud Environment

Abstract: One of the key underpinnings of the Hybrid Cloud transformation movement is APIs. Linking applications to services to Systems of Engagement, APIs provide developers the ability to tap into functionality that far extends what was previously available to them. In this session we'll take a look at the anatomy of an API, why ReST-ful APIs are widely accepted across a variety of markets, and see how z/OS Connect and API Connect fit into the global API Economy.

Biography: Jeff Bisti is a Hybrid Cloud Solutions Architect working with the IBM Client Center in Poughkeepsie, NY. He is focused on enabling enterprise businesses in the areas of API Economy, Microservices, and all things cloud. He regularly partners with client architects and representatives to help build compelling next-gen solutions for large-scale environments.

Title: Log Enhanced Copies for 24x7 DB2 Refresh/Migration

Abstract:

File system level copies of DB2 tablespaces and indexes are a fast alternative to traditional methods of data movement, such as Unload/Load. One common requirement is to copy production data in a consistent manner without jeopardizing the performance or availability of the production tables. In this presentation, we will explain how DB2 uses its log to ensure the consistency of its tables, atomicity of transactions and durability of data. In a live demonstration, we will see how advanced copy programs can exploit the information on the DB2 log in order to make consistent copies of tablespaces, indexes, LOB and XML objects without stopping the source tables.

Biography:

Kai Stroh earned a Computer Science degree from the University of Darmstadt and is a mainframe software developer specializing in DB2 utilities for z/OS. He designs and builds innovative DB2 applications and utilities often working onsite or remotely with UBS' international clients. He easily navigates his way around DB2 dumps and knows how to move data and definitions across DB2 versions, and this includes the unique in-house DB2 subsystems which each have their own little technical adaptations.

Title: Finding CPU and MSU Gold in Legacy COBOL Stored Procedure Code

Abstract:

With the introduction of DB2 native stored procedures one thing is consistent. The percentage of zIIP eligible MIP's has increased significantly over the past several years.

Tcoem stands for, 'Total Cost of Remediation', and our desire was to provide a DB2 one time evolutionary automated conversion solution to convert your COBOL stored procedures to native procedures. Providing a short ROI that resulted in lowering your MIP and MSU mainframe cost. Since most of you have or will be moving to DB2 for z/OS V11, and others may be migrating some of your DB2 z/OS applications to DB2 LUW.

The DB2 V11 language performance numbers compares the cost of COBOL stored procedures versus SQL/PL stored procedures. SQL/PL clearly provides the lowest zIIP price point, .47 verses .74 of a standard COBOL stored procedure running on a zIIP engine. It is easy to measure your potential saving by looking at the total resource consumption of your remote access DRDA/DDF COBOL stored procedure transaction workload and multiplying by the 35%.

Biography:

Nate was a founding member of the International DB2 Users Group (IDUG). He was recognized by IBM as an Information Champion in 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016 and 2017.

His main activity is linked to DB2 for z/OS and LUW performance. Currently, he is Executive Senior VP of Tcorem and President of Nate Murphy & Associates. Specializing in the conversion and testing of COBOL external stored procedures to native stored procedures. Nate Murphy has fifty one years of mainframe innovative information technology experience. He has an extensive background in continuous operational mainframe mission-critical database management systems and testing. He is one of those rare 'fifth level' assembler programmers. He is currently president of the Tridex DB2 LUW & z/OS database users groups in NY and member of the Philadelphia DB2 database users group (DVDUG) Board of Directors.

Title: Protecting Your Crown Jewels**Abstract:**

This presentation will give an overall view of how to protect your most critical assets on z/OS. We will discuss overall strategy including DB2, RACF, Guardium, zSecure, encryption, database and file activity monitoring and how they feed your SIEM for actionable items in real-time. We will learn about a statement of direction regarding z/OS encryption. We will drill down into ways to protect your "crown jewels" from being accessed by inappropriate parties, and will alert you when they it has been accessed by authorized credentials.

Biography:

Howie has been working in IT for 37 years. He has extensive experience in DB2 for z/OS and now works as a CyberSecurity specialist. He has worked almost exclusively on z/OS systems for firms in the telecommunications, finance and health care insurance industries. He is a co-author of the IBM Redbook, DB2 9: Packages Revisited. He has been with IBM for the last 10 years, and is currently the North American technical lead for Guardium Data Activity Monitor for z/OS and Guardium Data Encryption for DB2 and IMS Databases.

TRIDEX z/OS REGISTRATION FORM Monday June 5th, 2017

Complete the registration form below and Email it to: tridex@comcast.net. For questions call 856-234-2353.

Registration: DB2 for Tridex z/OS Users Group Monday June 5th meeting.

Name _____

Company _____ Title _____

Address _____ MS/PO Box _____

City _____ State _____ Zip _____

Phone _____ Email _____