

32nd Annual Spring Conference

Tuesday All Day Session

***NEW* Lunch is included**

SQL Programming Overview

Tuesday 09:00 AM to 4:00 PM

Session Abstract

Learn how to use advanced SQL features and syntax that can be leveraged from any programming language that supports SQL. Learn about advanced SQL DDL (Data Definition Language) features such as identity columns and constraints that enable data centric programming. Learn how to take your SQL reports and query definitions to the next level with views, common table expressions, and OLAP specifications. Learn how to use SQL procedurally with user-defined functions, triggers, and advanced stored procedures.

Speaker Bio

Tom McKinley is an IBM Lab Services Consultant working on DB2 for IBM i in Rochester MN. His main focus is complex query performance associated with Business Intelligence running on Very Large Databases. He worked as a developer or performance analyst in the DB area from 1986 until 2006. Some of his Major pieces of work include the Symmetric Multiple processing capabilities of DB2 for IBM i as well as Large Object Data types. In addition he was on the original team that designed and built the SQL Query Engine. Prior to Database he worked on Licensed Internal Code for System 34 and System 36.

Tuesday: Women in IT Seminar

Tuesday 08:00 AM to 4:30 PM

Event Agenda	
08:00 – 09:00	Registration / Breakfast
09:00 – 10:00	<i>Careers in Information Technology</i>
10:00 – 10:15	Break
10:15 – 11:15	<i>Careers in Information Technology</i>
11:15 – 1:00	Lunch & Keynote – Dr. Stefanie Chiras IBM
1:00 – 2:00	<i>The Real World - Pay/Dress/Business</i>
2:00 – 2:15	Break
2:15 – 3:15	<i>Mentoring</i>
3:15 – 4:30	<i>Open Discussion / Wrap Up</i>

Tuesday night: Experts Roundtable

Topic: Security

Tuesday Night 7:00-9:00pm

(6:00 pm – Appetizers)

A Huge Success Every Year!

Robert Andrews, Tommy Atkins, Larry Bolhuis, Stefanie Chiras,

Birgitta Hauser, Tom McKinley, Tim Rowe, Robin Tatam

MC – Charlie Guarino

2017 WMCPA Spring Conference - Session Grids

Wednesday March 15, 2017

<i>Time/Track</i>	<i>Track One</i>	<i>Track Two</i>	<i>Track Three</i>	<i>Track Four</i>	<i>Track Five</i>	<i>Track Six</i>
	Geneva 1	Geneva 2	Geneva 3	Madison	Milwaukee	Chicago-lower level
7:30 – 08:30	<i>Breakfast Buffet</i>					
8:30 - 10:00	PHP Web Security in an Insecure World Mike Pavlak	JavaScript 101: First Look from an RPG Perspective Robert Swanson	Intro to Node.js Aaron Bartell	Database Engineer Roles and responsibilities Tom Mckinley	Single Sign On Overview Robert Andrews	Why Move to IBM i 7.3 Tim Rowe
10:00 – 10:15	Break					
10:15 - 11:45	Make your IBM i Sizzle with WordPress Alan Seiden	What IBM i Professionals can learn from NASA Von Enselman	Putting the Pedal to the Metal for RDi Charles Guarino	Why use triggered programs <i>Session 01</i> Tommy Atkins	IFS Security: Don't Leave Your Server Vulnerable Robin Tatam	Women in Leadership Kim Greene
11:45 – 12:45	<i>LUNCH</i>					
1:00 - 2:15	<i>Keynote – Dr. Stefanie Chiras IBM</i>					
2:30 – 4:00	Essentials of Backup/Recovery for Disaster Recovery on IBM i Deb Saugen	Embedded SQL An Introduction Birgitta Hauser	The less frequent RDi FAQs More stuff to know! Charles Guarino	Introduction to Database Design and Modeling Tom Mckinley	IBM i Security – Best Practices Robert Andrews	IBM HTTP Server (Powered by Apache) Overview Tim Rowe
4:00 – 4:15	Break					
4:15 – 5:30	Application Analysis: a starting point for any modernization project Floyd Del Muro	Consuming Web Services from RPG with HTTPAPI Scott Klement	Apache web server magic on IBM i Alan Seiden	How to create trigger programs <i>Session 02</i> Tommy Atkins	Data Breaches: Is IBM i Really at Risk? Robin Tatam	Node.js & RPG: The Perfect Partners for Business Applications Alex Roytman
5:30 - 7:30	Sponsor Showcase The sponsors take over to dazzle and entertain for a while. Free food and 2 adult beverages.					
7:30 –10:00	<i>Evening Entertainment</i>					

2017 WMCPA Spring Conference - Session Grids

Thursday March 16, 2017

Time/Track	Track One	Track Two	Track Three	Track Four	Track Five	Track Six
	Geneva 1	Geneva 2	Geneva 3	Madison	Milwaukee	Chicago-lower level
7:30 – 08:30	Breakfast Buffet					
8:30 - 10:00	Using DB2 and SQL with Open Source Languages on IBM i Alan Seiden	Tips and Tricks for Advanced Embedded SQL Birgitta Hauser	The ABCs of RDi Shortcuts i Charles Guarino	A deep dive into Row and Column Access Control Tom Mckinley	What's New in IBM i Security in 7.1, 7.2 and 7.3 Robert Andrews	REST Web Services for the RPG World Tim Rowe
10:00 – 10:15						
10:15 - 11:45	DevOps for IBM i: Multi-platform options with Git, RTC or other SCMs Floyd DelMuro	Getting Started with API's from RPG Scott Klement	IBM i IFS Containers Aaron Bartell	The need to percolate errors <i>Session 03</i> Tommy Atkins	Getting Started On The Road To Compliance Robin Tatam	Securing Email on IBM i Kim Greene
11:45 – 12:45	LUNCH					
1:00 - 2:15	Keynote – Tim Rowe					
2:30 – 4:00	Failure To Modernize – The Real Cost Jim Buck	Lessons Learned Building IBM i Mobile Applications Trevor Perry	Node.js transacts with DB2 and RPG Aaron Bartell	Intro to SQL routines: Procedures, Functions and Triggers Tom Mckinley	Two Factor Authentication on IBM i in 7.3 Robert Andrews	Water Cooler Topics I'll Show You Mine if You Show Me Yours Charles Guarino
4:00 – 4:15						
4:15 - 5:45	Backup IBM i Data to the Cloud Tim Rowe	Consuming JSON Documents and Web Services with SQL Birgitta Hauser	PHP Tricks for the RPG Programmer: graphics, Excel, PDFs, E-Mail and More Alan Seiden	Adopting the percolation paradigm <i>Session 04</i> Tommy Atkins	Configuring and Using IBM i Auditing Features Robin Tatam	Managing your IBM i Startup and Shutdown Larry Bolhuis

Please note: Speakers are subject to change without notice

2017 WMCPA Spring Conference

Courtyard Sessions

<i>Wednesday 15, 2017</i>			
<i>Time/Track</i>	<i>Track One</i>	<i>Track Two</i>	<i>Track Three</i>
	<i>Courtyard 1</i>	<i>Courtyard 2</i>	<i>Courtyard 3</i>
7:30 – 08:30	Breakfast Buffet		
8:30 - 10:00	IBM i and Power Systems Management Keeping it current and Best Practices. Part 01 Larry Bolhuis	Analyze your SQL Queries with IBM i Navigator IBM ACS Part 01 Birgitta Hauser	Leaders versus followers Mike McArdle
10:00 – 10:15	Break		
10:15 - 11:45	Keeping it current and Best Practices. Part 02 Larry Bolhuis	Analyze your SQL Queries with IBM i Navigator IBM ACS Part 02 Birgitta Hauser	Introduction to MariaDB for IBM i Mike Pavlak
11:45 – 12:45	LUNCH		
1:00 - 2:15	Keynote – Dr. Stefanie Chiras IBM		
2:30 – 4:00	My First Node.js App Aaron Bartell	COMMON Certification Testing	Leaders are made not born Mike McArdle
4:00 – 4:15	Break		
4:15 - 5:30	Tips and Techniques for Shrinking Backup/Recovery Windows on IBM Deb Saugen	What's the Fuss? Using Procedures and Service Programs Jim Buck	IBM i OS and Power System Upgrade Testing Von Enselman
5:30 - 7:30	Sponsor Showcase The sponsors take over to dazzle and entertain for a while. Free food and 2 adult beverages.		

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	<i>Courtyard 1</i>	<i>Courtyard 2</i>	<i>Courtyard 3</i>
7:30 – 08:30	Breakfast Buffet		
8:30 - 10:00	IBM i and Power Systems Management: Daily system monitoring, tuning, clean-up, and spooled file handling. Part 01 Larry Bolhuis	The Basics of HTML and the DOM Lab Part 01 Christian Hur	The five key elements of leadership Mike McArdle
10:00 – 10:15	Break		
10:15 - 11:45	Daily system monitoring, tuning, clean-up, and spooled file handling. Part 02 Larry Bolhuis	The Basics of HTML and the DOM Lab Part 02 Christian Hur	Web Services with PHP on IBM i Mike Pavlak
11:45 – 12:45	LUNCH		
1:00 - 2:15	Keynote – Tim Rowe		
2:30 – 4:00	What's New with Backup/Recovery on IBM i - Including Virtual Tape and Encryption Deb Saugen	COMMON Certification Testing	
4:00 – 4:15			
4:15 - 5:45			

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