



ALABAMA DB2 USERS GROUP

ALABAMA'S HOME FOR DB2 PROFESSIONALS

www.alabamadb2usersgroup.org

FALL MEETING - NOVEMBER 6, 2019

www.alabamadb2usersgroup.org

PLACE: *Heart of Dixie Harley-Davidson in Pelham*
333 Cahaba Valley Parkway N
Pelham, AL 35124

TIME: *8:30 AM - 4 PM*

ATTENTION: *Bruce is resigning his position on the ADUG Board. Thank you Bruce for all your hard work through the years! Anyone interested in filling this position, please let us know!*

FALL MEETING AGENDA - 2019

RSVP by Nov. 1 to: Gail Myers - GAMyers@bcbsal.org

- | | |
|---------------|---|
| 8:45 - 9:00 | Registration |
| 9:00 | Larry Long/Judy Nall Welcome and Opening Meeting Comments |
| 9:05 - 10:30 | Robert Catterall, IBM.
Topic: <i>"The Most Important Stuff You Should Know About Db2 12 for z/OS"</i> |
| 10:30 - 10:45 | Break |
| 10:45 - 12:00 | James Wilson, IBM.
Topic : <i>"The Art of Possible: Zero Latency Analytics on Mainframe Data"</i> |
| 12:00 - 1:00 | Lunch |
| 1:00 - 2:15 | Judy Nall, CBI
Topic: <i>"Db2 12 for z/OS Migration - Performance Enhancements"</i> |
| 2:15 - 2:30 | Break |
| 2:30 - 3:45 | Robert Catterall, IBM
Topic: <i>"Managing, Monitoring, Tuning and Architecting a Db2 for z/OS DDF Workload"</i> |
| 3:45 | Meeting Wrap-up/Questions |

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SPEAKERS:

Robert Catterall, IBM

Robert Catterall is an IBM Senior Consulting Db2 for z/OS Specialist. He started his career with IBM in 1982, and worked throughout the 1990's as a member of the Company's Db2 for z/OS National Technical Support Team. From 2000 to 2007, Robert worked as a database technology strategist for CheckFree (now part of Fiserv). After working for three years as an independent Db2 consultant, he rejoined IBM in 2010. He is a past President of the International Db2 Users Group (IDUG), and a member of IDUG's Speakers Hall of Fame. He presents frequently at conferences and user group meetings, and blogs about Db2 for z/OS at

<http://robertsdb2blog.blogspot.com>

Session Abstract:

"The Most Important Stuff You Should Know About Db2 12 for z/OS" is packed with new features and functions. It's easy to talk all day about Db2 12, and I do that on a regular basis. For this session, I've boiled down what I consider to be the most important Db2 12-related information into a 60-minute presentation. I cover Z hardware and z/OS exploitation, performance enhancements, package bind possibilities, utility goodies, SQL capabilities, smarter data sharing, and more. This is my take on the best of the best of the Db2 12 story.

Session Abstract:

"Managing, Monitoring, Tuning and Architecting a Db2 for z/OS DDF Workload"

At a great many Db2 for z/OS sites, applications that utilize the distributed data facility (DDF) comprise the fastest-growing segment of the overall Db2 workload, and such applications are increasingly found to be the very largest workload component - bigger than CICS-Db2, bigger than IMS-Db2, bigger than batch-Db2. These trends make it ever more important to "do DDF right". How can a Db2 DDF workload be effectively managed? How can DDF activity be monitored and tuned? What does DDF application architecture have to do with efficiency? These and other pertinent questions will be answered in this session.

James Wilson, IBM

James Wilson is an IBM Consulting IT Specialist specializing in Analytics on IBM z. He started working for IBM in 2006 focusing on information integration and replication. He has been working with the Db2 Analytics Accelerator since its inception and has been working with Db2 since Db2 v1.2. Before coming to IBM, James worked at American Express, Diamond Shamrock, BMC Software and TSYS. James has spoken at a number of Db2 User Groups during his career at IBM.

Session Abstract:

"The Art of Possible: Zero Latency Analytics on Mainframe Data"

Every organization has huge amounts of high-value data within its mainframe. But many aren't able to realize the full value of that data. Many organizations ETL and move data off-platform for analysis. But data movement comes with challenges, because every copy of data has a cost, latency and risk.

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SPEAKERS:

This session is about the Art of Possible. We will discuss how it is now possible to gain new business value without the cost, complexity, and expense of data movement -- and without losing the security, reliability and availability that IBM Z provides. Learn how you can get exceptional performance for analytic queries, while keeping your data on the IBM Z platform to assure that your most critical asset - your corporate data - is protected, secured and governed.

Judy Nall, Computer Business International, Inc. (CBI)

Judy Nall works with Computer Business International, Inc. and is an internationally recognized Db2 lecturer, consultant, writer and educator. She has an extensive background in project management, database design, lead architect, installation, migration, data warehousing, performance and tuning across multiple platforms. She has worked with software vendors, health care providers, insurance, state and federal government, telecommunications, legal firms, retail and banks in her career.

Judy is an IBM Gold Team member. IBM Gold Team individuals have demonstrated technical leadership, vast industry expertise, market knowledge and a strong digital presence. Gold Team Partners will align on strategy, priorities and initiatives to contribute to the collective benefit of clients. She is an IBM Data Champion for Analytics. IBM Champions demonstrate both expertise in and extraordinary support and advocacy for IBM technology, communities, and solutions. She is also on the International Db2 Users Group (IDUG) Planning Committee's Global Marketing Team, and a member of the IBM Customer Advisory Council (CAC). You can find her classes and her books for Db2 at <https://www.cbi4you.com>, check out the Db2 12 migration information at <https://www.db2migrations.com>, and contact her at judynall@cbi4you.com.

Session Abstract:

"Db2 12 for z/OS Migration - Performance Enhancements"

This presentation will address Db2 12 and how this migration will effect application programmers and database administrators.

We will review the basics of how we get to Db2 12 from Db2 11, what function levels mean, and how they impact our Db2 environment.

Db2 12 provides many opportunities for reduced CPU uses in simple online transaction workloads and in more complex real-time analytics queries.

We will address importing more data into Db2, major bottlenecks are addressed to improve scalability of applications that are concurrently inserting records into Db2 tables, CPU reduction because on index memory optimizations, data-dependent pagination, APPLCOMP option to enable the new functions and query performance improvements will be part of the focus.

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