



ALABAMA DB2 USERS GROUP

ALABAMA'S HOME FOR DB2 PROFESSIONALS

www.alabamadb2usersgroup.org

SPRING MEETING - APRIL 10, 2018

www.alabamadb2usersgroup.org

PLACE: Aldridge Gardens
3530 Lorna Rd
Hoover, AL 35216
TIME: 8:30 AM - 4 PM

SPRING MEETING AGENDA - 2018

RSVP to: Gail Myers - treasurer@alabamadb2usersgroup.org

- 8:30 - 8:45 Registration, Continental Breakfast
8:45 - 9:00 **Larry Long**, Welcome and Opening Meeting Comments
- 9:00 - 10:30 **Tony Andrews, Themis Inc.**
Topic: "Db2 Advanced Query Tuning with IBM Data Studio"
- 10:30 - 10:45 Break
- 10:45 - 12:00 **Tony Andrews, Themis Inc.**
Topic: "Advanced SQL and the Power of SQL Rewrites"
- 12:00 - 1:00 Lunch - Full Moon Bar-B-Que - Provided by **USB - HAINER** –
Thank you !!!!
- 1:00 - 2:15 **Anthony Ciabattoni, IBM**
Topic: "Db2 - Guilty Until Proven Innocent"
- 2:15 - 2:30 Break
- 2:30 - 3:45 **Kai Stroh - USB-HAINER**
Topic: "Copy Smarter - Unload/Load, DSN1COPY and Beyond"
- 3:45 Meeting Wrap-up/Questions

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SPEAKERS:

Tony Andrews with Themis

Tony has more than 25 years' experience in the development of relational database applications. Most of this time, he has provided development and consulting services to Fortune 500 companies and government agencies. He is a current IBM Champion, and regular speaker at many regional user groups, IDUG NA, and IDUG EMEA. He is also the author of a book for developers titled 'Db2 SQL Tuning Tips for z/OS Developers' published by Pearson Publishing IBM Press.

Presentation Extract: "Db2 Advanced Query Tuning with IBM Data Studio"

This presentation is designed for the Db2 development professional who desires to understand the fundamental issues associated with performance for Db2 SQL applications. Emphasis is placed on understanding optimization and the many access paths chosen by the optimizer, along with how to read and understand these access paths using the IBM Data Studio tool. Performance related issues in the areas of database design, indexing, application SQL coding, and data statistics will be addressed.

Presentation Extract: "Advanced SQL and the Power of SQL Rewrites"

When trying to get a query to run more efficiently, we somehow need to get the current access path to change and execute differently. One way that often works is rewriting the query a different way. Many developers cannot think of different ways to rewrite queries, and sometimes there may not always be a different way to rewrite a query. But in SQL programming, we can never have enough examples of SQL code. This session will cover a number of examples in writing queries different ways and break down the different processing of the queries within Db2.

Anthony Ciabattoni, with IBM

A current member of the Db2 for z/Os development SWAT team, Anthony has over 25 years of professional Db2 experience with expertise in high available 24/7 high transaction rate data sharing environments. Strong knowledge base in Db2 data sharing, Db2 system performance as well as high available systems. Experience in all aspects of Db2, DBA experience, Db2 system experience and experience in architecting a well-tuned DB2 environment. Prior to joining the Db2 for z/OS development SWAT team Anthony was a Db2 Technical Advisor for Db2 Tools.

Presentation Extract: "Db2 - Guilty Until Proven Innocent"

When there is a performance related outage or sickness Db2 is often times quickly identified as the initial guilty infrastructure component. This presentation will describe why Db2 is pointed at as the problem, review Db2 Accounting Trace records and finally show a methodology of troubleshooting the problem to quickly identify the root cause. Db2 Accounting Trace records are the basis for this analysis and can help prove Db2 is a victim not the guilty party.

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SPEAKERS:

Kai Stroh with UBS-HAINER

Kai 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.

Presentation Extract: "Copy Smarter - Unload/Load, DSN1COPY and Beyond".

We will discuss setting up a refresh process for thousands of DB2 z/OS tables and the advantages and disadvantages of different utilities that copy DB2 data. The main focus will be on automating all the side tasks that DBAs usually need to do in addition to copying the data itself.

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