



The New York Oracle Users Group
Fall General Meeting – September 19, 2017
Sponsored by Oracle Corp.
AGENDA

Time	Activity	Track/Room	Presenter
8:30-9:00	REGISTRATION AND BREAKFAST		
9:00-9:30	Opening Remarks General Information	(Single session) Room 26004/6	Simay Alpoge NYOUG President
SESSION 1 9:30-10:30	KEYNOTE: Mitigating the Oracle License Sprawl by Applying Advanced Technology	(Single session) Room 26004/6	Michael Ault IBM
10:30-10:45	BREAK		
SESSION 2 10:45 -11:15	ASK THE EXPERTS	(Single session) Room 26004/6	
11:15-11:30	BREAK		
SESSION 3 11:30 -12:30	Replicate Your Data for All-the-Time Uptime	DBA Room 26004	Clay Jackson Quest Software
	Guesswork and the Optimizer	Developer Room 26006	Jordan Iotzov News America Marketing (NewsCorp)
12:30 -1:30	LUNCH		
SESSION 4 1:30-2:30	How to Ensure Good Performance after a Database Upgrade	DBA Room 26004	Roy Swonger Oracle Corp.
	The OAC Tree	Developer Room 26006	Sarah Zumbum Oracle Corp.
2:30-2:45	BREAK		
SESSION 5 2:45-3:45	Infrastructure as Code for Oracle DBAs	DBA Room 26004	Daniel Morgan Forsythe Meta7
	Oracle 12c Upgrades - Best Practices to guarantee Performance post-upgrade	Developer Room 26006	Jecca Narasimhan Balaji Gajendran Cognizant Technology Solutions
3:45-4:00	BREAK		
SESSION 6 4:00-5:00	Plan a Creative and Efficient Upgrade to 12c for your Enterprise Wide Databases	DBA Room 26004	Rakesh Nagdev Datavail
	Improving reliability using the next generation machine learning technologies	Developer Room 26006	Erik Benner Mythics

ABSTRACTS

9:30-10:30 AM KEYNOTE: Mitigating the Oracle License Sprawl by Applying Advanced Technology

In this presentation, the attendee will learn about advanced CPU, storage and OpenStack technologies that will enable them to control the proliferation of Oracle licenses. Architectures that improve performance while reducing license costs will be discussed.

Michael Ault

Mike Ault has worked with Oracle technology since 1990 and databases since 1983. Mike is a frequent presenter at Oracle conferences at a local, regional, national and international level. Mike has written or co-written 26 books about Oracle management, tuning and troubleshooting.

11:30-12:30 AM DBA TRACK: Replicate Your Data for All-the-Time Uptime

Participants will learn why extracting and copying data is no longer sufficient to support today's data driven enterprise. They'll learn how and when to use data replication to ensure their users have access to the right data, all the time; no matter where the data originates

Clay Jackson

Clay Jackson is a Database Systems Consultant for Quest, specializing in Database Performance Management and Replication Tools. Prior to joining Quest, Jackson was the DBA Manager at Darigold. He also spent over 10 years managing Oracle, SQLServer and DB2 databases and DBAs at Washington Mutual. While at WaMu, Jackson was the Enterprise Database Compliance Officer, with responsibility for Database Security and Disaster Recovery.

11:30-12:30 AM DEVELOPER TRACK: Guesswork and the Optimizer

The presentation will examine assumptions and guesses related to computing selectivity that the Oracle optimizer has to make in order to be able to optimize SQL statements.

The notion of “confidence” of cardinality estimates, a measure of the level of guesswork used by the optimizer, will be introduced. The metric will be used to explain some of the challenges the Oracle optimizer faces.

Finally, the presentation will focus on the types of SQL predicates that increase the likelihood of sub-optimal execution plans. Multiple ways to prevent or mitigate those kinds of problems will be discussed in detail.

Iordan Iotzov

Iordan Iotzov is the Director of Data&Systems Administration at News America Marketing (NewsCorp) with more than fifteen years of administration and development experience. He has a MS degree in Computer Science, holds numerous certifications, and has worked on complex problems across various industries, providing original and effective solutions. Iordan has presented at leading database conferences and actively blogs at <http://iiozov.wordpress.com/>.

1:30-2:30 PM DBA TRACK: How to Ensure Good Performance after a Database Upgrade

The chief concern among customers approaching a database upgrade is how to preserve or improve upon the performance they have come to expect from their Oracle Database. In this session, Oracle's VP of Development for database upgrades will take you through the process steps beginning from pre-upgrade preparation to the best use of standard features, tips and tricks for testing, and services to make your upgrade to the latest generation of Oracle Database a true success.

Roy Swonger

Roy Swonger has over three decades of experience in commercial software development. His 20+-year career at Oracle has included work on software process and quality improvement as well as a progression of management roles in technical documentation, software development tools, and core database technologies. Roy has managed the Database Upgrade & Utilities in the Server Technologies division for more than 13 years. In this capacity, he is responsible for the development of database features such as the Data Pump, SQL*Loader, External Tables, and Transportable Tablespaces. In addition, Roy runs the global Upgrade Program for the database, coordinating worldwide efforts to make database upgrades faster, easier, and less risky for customers. Roy holds a Bachelor of Science in Computer Science from Rensselaer Polytechnic Institute, and a Master of Software Engineering from Carnegie Mellon University.

1:30-2:30 PM DEVELOPER TRACK: The OAC Tree

The participant will learn the different pieces of the Oracle Analytics Cloud. The participant will learn the IaaS requirements and options for using OAC. The participant will learn on-premises to cloud migration paths to move to OAC.

Sarah Zumbrum

Sarah has been working with Oracle tools for nearly 15 years and started working for Oracle at the beginning of 2015. She loves anything analytics and big data and is often seen analyzing her workout routines for training patterns in Oracle tools.

2:45-3:45 PM DBA TRACK: Infrastructure as Code for Oracle DBAs

With the pivot to Cloud Computing DBAs will need to pivot their skills just as we did when we left behind Client-Server for n-Tier with application servers and web servers. This pivot won't eliminate DBA jobs any more than the last one did but it will modify the required skills. This technical session will focus on the effect DevOps and Infrastructure as Code will bring to our profession.

Daniel Morgan

Oracle ACE Director Alumni Daniel Morgan has been an Oracle DBA for almost 30 years. Morgan is a frequent speaker at Oracle conferences worldwide and has previously spoken at NYOUG conferences. He currently focuses on preparing for Oracle Database version 18 (not a mistake) and the changes coming to the database and DBAs with the industry pivot to cloud computing.

In addition to his Oracle consulting Morgan was the author of the Oracle curriculum at the University of Washington and the curriculum's primary instructor from 1998 through 2009.

2:45-3:45 PM DEVELOPER TRACK: Oracle 12c Upgrades - Best Practices to guarantee Performance post-upgrade

These are real world best practices/experiences derived during the course of upgrading about 450 databases from pre-12c to 12.1.0.2.

Audience should benefit immediately if they are on or planning the journey to upgrade their DBs to Oracle 12c with or without multitenancy.

Jecca Narasimhan

Exadata Administrator for the last 5 years and Oracle Administrator / Architect of 15 years based out of Connecticut, US. Have had opportunities to work on a variety of DB /Server Technologies including RAC, ASM, RMAN, Grid Control, EMC to NetAPP migrations, Perl, Audit Vault/DB vault.

Previously accepted as speaker for the following NYOUG conference:

http://nyoug.org/2016-spring-general-meeting-presentations/#DBA_TRACK_Exadata_Lessons_Learnt

Active Twitter user in the Oracle social space: @jcnars

Balaji Gajendran

Balaji is an ex member of the Performance Tuning in Oracle Corp and has an Oracle Certified Master (OCM) certification. Balaji's interests are in Exadata, Cloud and Performance Tuning areas."

4:00-5:00 PM DBA TRACK: Plan a Creative and Efficient Upgrade to 12c for your Enterprise Wide Databases

Creative upgrade testing can lead to faster approaches and reduce downtime

With the right process, multiple databases can be upgraded in parallel

Standardizing upgrade scripts will reduce errors and increase efficiency.

Rakesh Nagdev

Rakesh is an experienced DBA who created a creative process through automation and scripting to speed up the upgrade process by 200%.

4:00-5:00 PM DEVELOPER TRACK: Improving reliability using the next generation machine learning technologies

The participants will learn how machine learning can be used to reduce the effort required to troubleshoot multiple issues across the technology stack. Learn why you need to monitor the system as a whole, not just the database, or OS, or middleware or

Erik Benner

Erik is currently an Oracle ACE Director with years of experience in the Oracle technology stack. Erik presents frequently at conferences, including Oracle OpenWorld, Oracle FedForum, COLLABORATE and other user groups and conferences around the United States.

When not flying to the far points of the country from the Atlanta Metro area, he enjoys spending time with his family at their Observatory, where the telescopes outnumber the people.