



The New York Oracle Users Group Summer General Meeting – June 13, 2017

Sponsored by Quest Software

AGENDA

Time	Activity	Track/Room	Presenter
8:30-9:00	REGISTRATION AND BREAKFAST		
9:00-9:15	Opening Remarks General Information	(Single session) Richard Harris Terrace	Simay Alpoge NYOUG President
SESSION 1 9:20-10:15	KEYNOTE: Don't Let Your Cloud Rain on Your Parade	(Single session) Richard Harris Terrace	Dr. Paul Dorsey & Michael Rosenblum Dulcian Inc.
10:15-10:25	BREAK		
SESSION 2 10:25 -11:25	What's New in 12.2: Oracle Database 12.2 New Features	DBA Richard Harris Terrace	Charles Kim Viscosity North America
	Oracle Database Exadata Express Cloud Service	Developer Room S341	Marc Sewtz Oracle Corp.
11:25-11:30	BREAK		
SESSION 3 11:30 -12:30	Oracle Exadata - Production Features	DBA Richard Harris Terrace	Y V Ravi Kumar Raymond James
	What's in Oracle database 12c R2 for Java and JavaScript Developers	Developer Room S341	Kuassi Mensah Oracle Corp.
12:30 -1:30	LUNCH – Richard Harris Terrace - Presentation by QUEST SOFTWARE		
SESSION 4 1:30-2:30	A Fresh Perspective of Oracle Backup & Restore - Benchmarks of the Newest Oracle Protection Technologies	DBA Richard Harris Terrace	George Winter Veritas
	Modern Data Security	Developer Room S341	Simon Rice Cintra Software & Services
2:30-2:45	BREAK		
SESSION 5 2:45-3:45	How Buffer Cache Works	DBA Richard Harris Terrace	Arup Nanda Proligence
	Meter Vision 20/20 - A Herculean Effort (A Migration Story)	Developer Room S341	Michael Hillanbrand PPL
3:45-4:00	BREAK		
SESSION 6 4:00-5:00	How to create a seamless R processing environment	DBA Richard Harris Terrace	Joseph DeArce CUNY Research Foundation
	Mining the logs with the LogMiner	Developer Room S341	Konstantin Kerekovski Raymond James Financial

ABSTRACTS

9:20-10:15 AM KEYNOTE: Don't Let Your Cloud Rain on Your Parade

Attendees will learn how to select the right cloud architecture and provider for their systems. The presentation will describe various real-world scenarios (managerial, technical, performance-related) relevant to usage of cloud-based IT solutions.

Dr. Paul Dorsey

Dr. Paul Dorsey is the founder and president of Dulcian, Inc. an Oracle consulting firm specializing in business rules and web-based application development and chief architect of Dulcian's BRIM® tool. Paul co-authored 8 Oracle Press books on PL/SQL, JDeveloper, UML Modeling, and Oracle database tools as well as PL/SQL For Dummies. He is an Oracle Ace, past IOUG Outstanding Regional User Group Leader and ODTUG volunteer of the year, the first inductee into the IOUG SELECT Journal Hall of Fame, and an Oracle 9i Certified Master. Dr. Dorsey's submission of a Survey Generator built to collect data for The Preeclampsia Foundation was the winner of the 2007 Oracle Fusion Middleware Developer Challenge and Oracle selected him as the 2007 PL/SQL Developer of the Year. Paul can be contacted at paul_dorsey@dulcian.com.

10:25-11:25 AM DBA TRACK: What's New in 12.2: Oracle Database 12.2 New Features

There is a myriad of enhancements available in Oracle Database 12.2. The group of Oracle ACE Directors will rapid-fire pertinent Oracle Database 12.2 new features to the audience in the following focused areas:

1. RAC
2. ASM/ACFS
3. In-Memory Option
4. Partitioning Option
5. Multi-Tenancy (PDB) Option
6. Data Guard
7. RMAN
8. General Database

Charles Kim will share his extensive beta testing experience and demonstrate how any Oracle DBA/developer can take immediate advantage of these new features. All the code examples from the presentation will be shared so you can take immediate advantage of the new features and add them to your arsenal.

Charles Kim

Charles Kim is an Oracle ACE Director, VMware vExpert, Oracle Certified DBA, Certified Exadata Specialist, and Certified RAC Expert. Charles specializes in RAC and virtualization and has authored nine books on Oracle Database Technology.

Charles holds certifications in Oracle, VMware, Red Hat Linux, and Microsoft and has over 25 years of Oracle experience on mission- and business-critical databases. He presents regularly at local, regional, national, and international Oracle conferences, including IOUG Collaborate, VMware World, and Oracle OpenWorld, on topics of RAC, Exadata, Database as a Service, database consolidations, private database cloud, ASM, Linux best practices, Data Guard best practices, performance tuning, VMware virtualization best practices, Oracle Database virtualization, and 7×24 high-availability considerations. Charles is the Technical Editor of the Automatic Storage Management book by Oracle Press and blogs regularly at <http://blog.dbaexpert.com>.

Charles is the current President of the Cloud Computing SIG for IOUG. Find him on LinkedIn at <http://www.linkedin.com/in/chkim>, on Twitter at @racdba, and on the web at <http://www.amazon.com/author/ckim>.

10:25-11:25 AM DEVELOPER TRACK: Oracle Database Exadata Express Cloud Service

Introduction of Oracle Exadata Express:

- What it means to be a fully managed cloud database service
- What you can do with such a service
- What kind of trade-offs are involved
- Essential developer technologies the service must provide
- Demonstration of Oracle Exadata Express

Marc Sewtz

Marc Sewtz is a Senior Software Development Manager at Oracle Corporation in New York. In over 20 years of industry experience, Marc held roles in Consulting, Sales and Product Development and today manages a global team of Software Developers and Product Managers in the Oracle Application Express (APEX) development team, part of the Oracle Database Tools group. Marc and his team are responsible for product features such as the Oracle Application Express User Interface and Theme infrastructure, Mobile development, Dynamic Actions, Reporting, Charting, Tabular Forms and PDF printing. Marc has a Master's degree in computer science from the University of Applied Sciences in Wedel, Germany.

11:30AM-12:30 PM DBA TRACK: Oracle Exadata - Production Features

How to implement Oracle Exadata Database Machine predominant features for Online Transaction Processing System OLTP and Data Ware Housing DWH and how to monitor Oracle Exadata Database Machine predominant features.

Y V Ravi Kumar

Y V Ravi Kumar is an Oracle ACE Director and Oracle Certified Master (OCM) with 18 years of experience in Banking, Financial Services and Insurance (BFSI) vertical and played various roles like Senior Database Architect and Production DBA.

He is the author of the just published book "Oracle Database Upgrade and Migration Methods".

He is also OCP in Oracle 8i, 9i, 10g, 11g & 12c and Certified in Golden Gate, RAC, Performance Tuning & Oracle Exadata. He continuously motivates many DBAs and helps the Oracle Community by publishing his tips/ideas/suggestions/solutions in his blog. He has written 40+ OTN articles on Oracle Exadata, Oracle RAC and Oracle Golden Gate for OTN-Spanish, OTN-Portuguese and OTN-English and 19 articles for TOAD World, 2 Articles for UKOUG, 3 Articles for OTech Magazine and 2 Articles for Redgate. He is a member of the All India Oracle User Group (AIOUG) and a frequent Oracle speaker in @NYOUG, @OTN, AIOUG, Sangam and IOUG. He designed, architected and implemented Core Banking System (CBS) Database for Central Banks of two countries - India & Mahe, Seychelles. He is a Co-Founder of OraWorld (www.oraworld.com).

11:30AM -12:30 PM DEVELOPER TRACK: What's in Oracle database 12c R2 for Java and JavaScript Developers

The participants will learn how to exploit the Java and JavaScript features in Oracle Db 12c R2, in the areas of standards, performance, scalability, high-availability, security, manageability and ease of use.

Kuassi Mensah

Kuassi Mensah is Director of Product Management at Oracle; his scope includes Java performance, scalability, HA, and Security with Oracle database, Hadoop and Spark integration with the Oracle database and Java & JavaScript integration with the Oracle database (OJVM, Nashorn).

Mr. Mensah holds a MS in CS from the Programming Institute of University of Paris. He is a frequent speaker at Oracle Open World, JavaOne, Sangam, NYOUG, OTNYathra, UKOUG, DOAG, OUGN, BGOUG, etc.) & author.

@kmensah, <http://db360.blogspot.com/>, <https://www.linkedin.com/in/kmensah>

1:30-2:30 PM DBA TRACK: A Fresh Perspective of Oracle Backup & Restore - Benchmarks of the Newest Oracle Protection Technologies

RMAN feature capabilities are well known. This presentation goes beyond feature capabilities to discuss the realities of Oracle backup and restore performance. This performance information is based on real world testing in Oracle DB environments.

George Winter

George's current focus is as a product manager in the area of Oracle database protection with Veritas NetBackup. George performed a number of performance benchmark tests including testing focused on Oracle protection. Prior to joining Veritas, George was with Sun Microsystems as a System Support Engineer assigned to Oracle's corporate datacenter and spent a number of years as a UNIX Systems Administrator.

1:30-2:30 PM DEVELOPER TRACK: Modern Data Security

In this interactive session, we will discuss modern data security as a whole and how organizations can protect their most valuable asset data. Cintra and STI Group have built a strong relationship helping customers prevent data breaches, maximize data security, implement best practice security policies and stay ahead in a fast-evolving data security world.

The session will focus on the latest hot topics in the world of data security, including cloud readiness.

Simon Rice

Simon Rice has over 25 years' experience in designing and managing Oracle environments, and specializes in data security, Enterprise Architecture design and Cloud technologies. Simon leads the design and delivery teams for Cintra's North East region.

2:45-3:45 PM DBA TRACK: How Buffer Cache Works

Buffer cache accounts for 90% of the performance issues. Understanding it clearly is a must for tuning. In this session, attendees will understand the mechanics and the tuning approaches.

Arup Nanda

Arup Nanda has been an Oracle DBA for over 20 years with experience spanning all aspects from Modeling to performance tuning and Exadata. He delivered more than 400 sessions worldwide, has authored about 500 articles, 6 books, blogs at arup.blogspot.com and mentors new and seasoned DBAs. He won Oracle's DBA of the Year in 2003, Enterprise Architect of the Year in 2012, is an ACE Director and a member of Oak Table Network.

**2:45-3:45 PM DEVELOPER TRACK: Meter Vision 20/20 - A Herculean Effort
(A Migration Story)**

The participant will learn from our pitfalls lessons for migration planning and execution.

Michael Hillanbrand

Mike is an IT veteran of 40 years, working as an Oracle DBA and Developer since 1988. The migration story was presented earlier this year at an industry conference to an audience of 72.

4:00-5:00 PM DBA TRACK: How to create a seamless R processing environment

How to install and configure all software components to create a seamless R data processing environment and benchmark tests between RStudio, SQL Developer and SQL*Plus. Also included is the use of the RData workspace binary file and benchmarks on SQL queries that were run on Oracle tables through both RStudio and Oracle tools.

Joseph DeArce

Joseph DeArce is a Database Manager for the CUNY Research Foundation where he leads the development of databases and APEX applications. He has been working with Oracle for over 18 years as a DBA and a developer. Specializing in Data Warehousing database design, SQL and PL/SQL programming.

4:00-5:00 PM DEVELOPER TRACK: Mining the logs with the LogMiner

1. Be able to accurately explain Advanced Queuing concepts and why it can help bring performance gains and scalability to applications. **2.** Discover how Oracle Advanced Queuing can be used to spread a database application across multiple on-prem or off-prem databases so that you can take advantage of the cloud's ability to bring your application to multiple geographic locales. **3.** Discover you can use Oracle Advanced Queuing to create data warehouses on which analytical workloads can be done to better understand queue trends.

Konstantin Kerekovski

Konstantin Kerekovski is an Oracle Professional with over 6 years of experience in the Financial Services Industry. He is a member of the Independent Oracle User Group and the Suncoast Oracle User Group and has worked as a Senior and Lead Database Administrator with Production Support duties in the Financial Services Industry. He is a speaker at IOUG Collaborate 2017 and the SOUG meetings in the Tampa Bay area and is an expert at oracle Real Application Cluster Technologies, ASM, Goldengate and Oracle 11g and 12c.