



The New York Oracle Users Group
Winter General Meeting – April 14, 2016
 Sponsored by Kaminario,
 Dell Software and Oracle Corporation
AGENDA

Time	Activity	Track/Room	Presenter
8:30-9:00	REGISTRATION AND BREAKFAST		
9:00-9:30	Opening Remarks General Information	(Single session) Richard Harris Terrace	Simay Alpoge NYOUG President
SESSION 1 9:30-10:30	KEYNOTE: Oracle Database Roadmap: Next-Generation Data Management	(Single session) Richard Harris Terrace	Charles Garry Oracle Corp.
10:30-10:45	BREAK		
SESSION 2 10:45 - 11:45	Oracle Database 12c - The Ideal Platform for Cloud	DBA Richard Harris Terrace	Giselle Young Oracle Corp.
	Application Development with Oracle Database	Developer Room S341	Gerald Venzl Oracle Corp.
SESSION 3 11:50 - 12:30	Ask the Experts Panel	(Single session) Richard Harris Terrace	Michael Olin Moderator
12:30 -1:30	LUNCH – Richard Harris Terrace – Presentation by Kaminario		
SESSION 4 1:30-2:30	Tips and Techniques for Maximizing Database Performance: Theory and Practice	DBA Richard Harris Terrace	Mughees A. Minhas Oracle Corp.
	Oracle Forms to Mobile: The art of the possible.	Developer Room S341	Frédéric Desbiens Oracle Corp.
2:30-2:45	BREAK		
SESSION 5 2:45-3:45	Exadata Lessons Learnt	DBA Richard Harris Terrace	Jecca Narasimhan Cognizant Technology Solutions
	Directly Connecting to Oracle from the R Programming Language	Developer Room S341	Suzanne Prezorski Cablevision
3:45-4:00	BREAK		
SESSION 6 4:00-5:00	Upgrade & Migrate to Oracle Database 12c: Live and Uncensored!	DBA Richard Harris Terrace	Roy Swonger Oracle Corp.
	Data-Centric Security Key to Cloud and Digital Business	Developer Room S341	Ulf Mattsson Compliance Engineering Inc.

ABSTRACTS

9:30-10:30 AM KEYNOTE: Oracle Database Roadmap: Next-Generation Data Management

Oracle Database 12c and its next-generation architecture are helping customers on their journey to the cloud. Join us in this roadmap session to learn what's new and what's coming next from the Oracle Database development team.

Charles Garry

Director, Product Management – Oracle Server Technologies

Mr. Garry has over 25 years of experience in Information Technology. He is a former Vice President and Director for META Group's Technology Research Services. Mr. Garry's focus has been on relational database and infrastructure design, support staffing, licensing/pricing and data management best practices. Throughout his career, Mr. Garry has worked with hundreds of companies delivering support and education in areas such as database design, performance tuning, backup/recovery, licensing and negotiation strategies. He has been a frequently requested speaker at noted database conferences such as Oracle World, IOUG, IDUG, Teradata Partners and the MySQL User Conference and was the author of a regular column for eWEEK.com. Mr. Garry was a founding member of Divine Interventures and Vice President of Infrastructure Strategies for Platinum Technology as well as Director of Field Operations for Platinum's data warehousing/BI division.

10:45-11:45 AM DBA TRACK: Oracle Database 12c - The Ideal Platform for Cloud?

In this presentation, learn the benefits of upgrading to Oracle 12c, the best platform for Cloud and advanced features such as

- Scalability
- Performance
- Security
- Analytics

Note : This is a dual presentation.

Giselle Young

Experienced IT Professional with programming background and sales specialist responsible to monetize company data utilizing Business Intelligence tools, automation and analytics.

Specialties: SaaS, IaaS, Cloud Open Stack, Automation, Assessments abilities to demonstrate ROI and Datacenter consolidations.

Mark J Martin

33 years in I.T. in NY and Long Island. Have worked in everything from COBOL to Java. IMS to Oracle. I started in Computer operations and then went on to being a developer. I was a Senior Manager at age 24 and worked in both Card Holder Services and Chase corporate technologies defining Programmer tools before I was 30. I move to the vendor world in the mid90's working for MicroFocus (Y2K) NeuVis (JAVA UML development) Embarcadero (DBA tools), Confio (SQL Performance tools) and now Oracle as a solution Architect.

10:45-11:45 AM DEVELOPER TRACK: Application Development with Oracle Database

Oracle gives a lot of attention to the IT Operations world in terms of how to save operational costs, increase security and H/A, guarantee reliability among a lot of other things, and rightfully so. However, it often is news to users that Oracle is constantly focusing on the developer experience as well and with the move towards more agile development practices a lot of things have changed of what you can do with an Oracle Database today. This talk will highlight functionality provided within the Database today, point out current initiatives ongoing and provide Oracle's vision when it comes to developers.

Gerald Venzl

Gerald has been working with Oracle since 8i. He had many different jobs, from a Java developer all the way to a performance tuning consultant before he moved for Oracle to their HQ in Silicon Valley. There Gerald joined the Product Management team for the Oracle Database and Server Technologies keeping his focus on the developer communities.

1:30-2:30 PM DBA TRACK: Tips and Techniques for Maximizing Database Performance: Theory and Practice

Oracle Database 12c and Enterprise Manager 13c introduce new exciting capabilities that help improve DBA productivity, maximize performance while reducing management costs. This session covers the theory behind performance diagnosis and tuning and the new capabilities in the above products such as Hybrid Cloud Management, AWR Multitenant enhancements, AWR and SQL Tuning Advisor support for Active Data Guard (ADG), Perfhub Reports, Database Operations Monitoring, and more. This session also provides tips on when and how best to use the above features that will help DBA in his day-to-day tasks.

Mughees A. Minhas

is responsible for all aspects of product management relating to database, systems and quality management solutions at Oracle Corporation. He has more than 20 years of experience working with Oracle products with special interests in the areas of application testing and quality, performance diagnostics and tuning, and SQL optimization. Mughees is a frequent speaker at various Oracle forums and has authored several papers on the internal workings and usage best practices of a wide variety of Oracle technologies. Mughees holds an undergraduate degree in Electrical Engineering from Washington University and an MBA from Columbia Business School. He is currently Vice President of Product Management in Oracle's Server Technologies division.

1:30-2:30 PM DEVELOPER TRACK: Oracle Forms to Mobile: The art of the possible

Oracle Forms underpins thousands of businesses across the US and globally and for professional data driven applications there are few to rival it; yet it still bears the mantle of legacy. But what if your Forms implemented business processes could be modernized to exploit mobile use cases and an ever mobile-enabled consumer base? And you could it be done in days using 100% of your Oracle Forms code without changing a single line of code. This is the biggest opportunity to ever present itself to the Forms install base and your chance to embrace risk free Forms modernization on mobile devices.

Frédéric Desbiens

is a Senior Principal Product manager for Cloud and Mobility at Oracle. His job is to help Oracle's customers and partners to have success with the Oracle Mobile Cloud Service, Oracle Mobile Analytics, and the various mobile client frameworks currently available in the market. He's featured in many videos found on the Oracle Mobile Platform channel on YouTube and a frequent public speaker.

2:45-3:45 PM

DBA TRACK: Exadata Lessons Learnt

When you have a dozen Exadata racks on all flavors of X2, X4, X5 and managing 100s of business critical databases, you tend to hit every possible critical bug under the sun. And a lot of lessons learnt the very hard way. The audience will be benefited immensely from these real-world bloody stories.

Jecca Narasimhan

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

2:45-3:45 PM

DEVELOPER TRACK: Directly Connecting to Oracle from the R Programming Language

This will be a demo of how to install and use various R packages to connect and query from an Oracle database. A brief overview of the R language will be given and how it is used by data scientist to explore data. A brief comparison will also be drawn between the open source version of R, and the commercial version from Oracle.

Suzanne Prezorski

Suzanne has over 20 years of technology experience, mostly centered on software application development, Enterprise Content Management Systems and data warehousing in the following industries: Marketing & Advertising, Supply Chain Systems, Government, and Publishing. She holds a Bachelor's in Science in Computer Information Systems from Dowling College.

4:00-5:00 PM

DBA TRACK: Upgrade & Migrate to Oracle Database 12c: Live and Uncensored!

This session will be a live upgrade and migration of two databases from Oracle Database 11.2.0.4 to pluggable databases in Oracle Database 12c using the Oracle Multitenant Option. First you will see a command-line upgrade from 11.2.0.4 to 12.1.0.2, showing the changes to upgrade and pre-upgrade scripts. Then you will watch as the upgraded database is plugged into a container database (CDB) as a pluggable database (PDB). The final part will be migration of a second 11.2.0.4 database into a PDB, but this time using the new Full Transportable Export/Import feature. The end result will be a CDB with two PDBs, all done in a VirtualBox VM environment that you will be able to download for your own use.

Roy F. Swonger

Senior Director & Product Manager, Database Upgrade & Utilities ORACLE Corporation

Roy Swonger has nearly 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 10 years. In this capacity he is responsible for the development of database features such as the Data Pump, SQL*Loader, External Tables, and Transportable Tablespace. 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.

4:00-5:00 PM DEVELOPER TRACK: Data-Centric Security Key to Cloud and Digital Business

The rapid rise of cloud databases, storage and applications has led to unease among adopters over the security of their data. Whether it is data stored in a public, private or hybrid cloud, or used in third party SaaS applications, companies have good reason to be concerned. The biggest challenge in this interconnected world is merging data security with data value and productivity. If we are to realize the benefits promised by these new ways of doing business, we urgently need a data-centric strategy to protect the sensitive data flowing through these digital business systems.

Ulf Mattsson

Ulf was the Chief Technology Officer and a founder of Protegrity, Stamford CT. He created the architecture of Protegrity's database security technology. Prior to joining Protegrity, He worked 20 years at IBM in software development and as a consulting resource to IBM's Research organization, specialized in the areas of IT Architecture and IT Security.

He is the holder of more than 25 patents in the areas of Encryption Key Management, Policy Driven Data Encryption, Internal Threat Protection, Data Usage Control and Intrusion Prevention. One line of my research during the last 15 years is in the area of managing and enforcing policies (security, encryption & audit) for databases, including more than 10 joint projects with research and development teams at IBM, Microsoft, Hewlett-Packard, Oracle, Sybase, Informix, Teradata, and RSA.

Ulf is a research member of the International Federation for Information Processing (IFIP) WG 11.3 Data and Application Security and a member of ANSI X9. He received a master's degree in physics in 1979 from Chalmers University of Technology in Sweden, and degrees in electrical engineering and finance.