Sessions and Speakers

Conference Autumn 2014
November 14th – 16th, 2014, Pravets
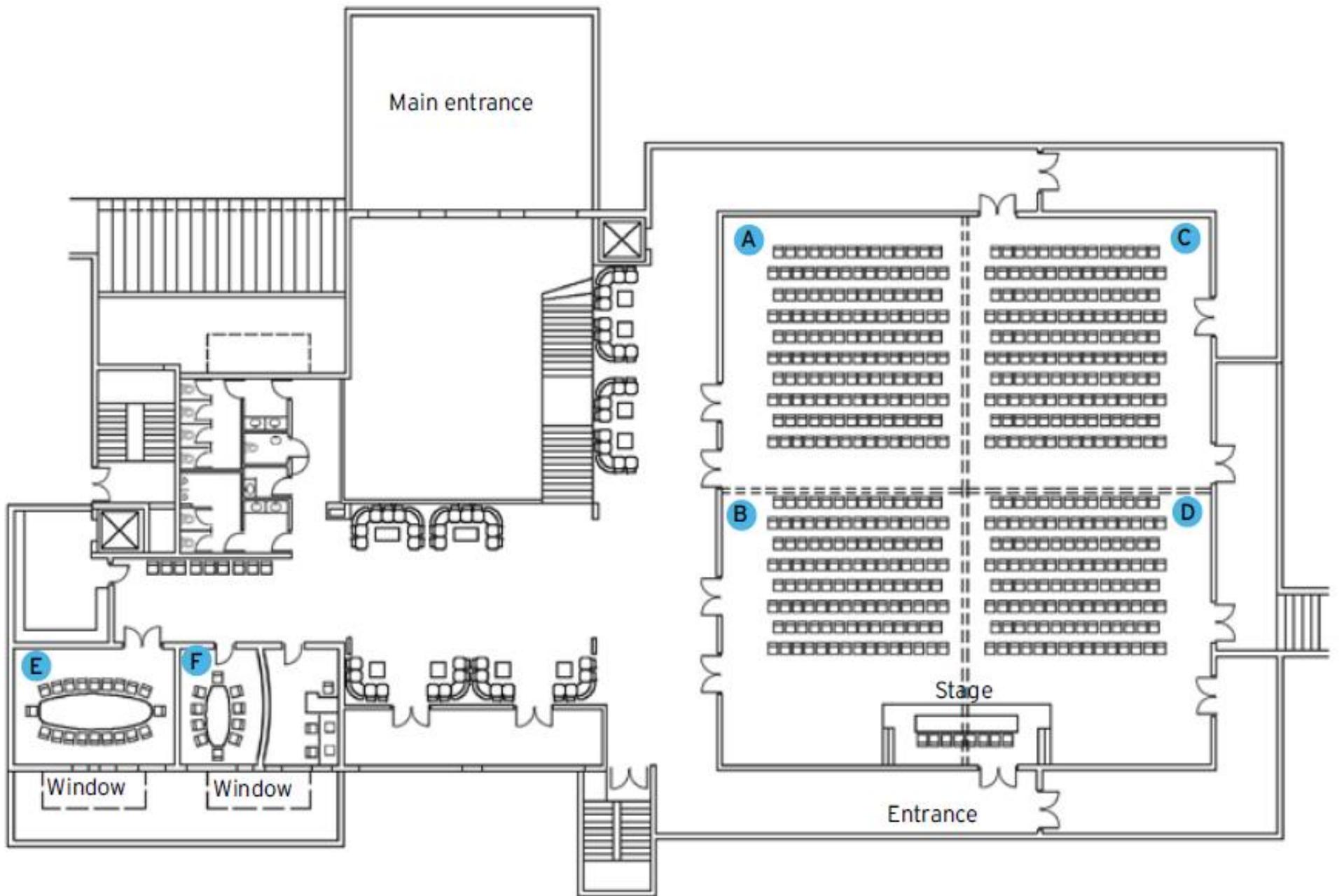
Platinum Partner

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Luxoft Holding, Inc (NYSE:LXFT US) is a leading provider of software development services and innovative IT solutions to a global client base consisting primarily of large multinational corporations. Luxoft's software development services consist of core and mission critical custom software development and support, product engineering and testing, and technology consulting. Luxoft's solutions are based on its proprietary products and platforms that directly impact its clients' business outcomes and efficiently deliver continuous innovation. The Company develops its solutions and delivers its services from 17 dedicated delivery centers worldwide. It has over 8,000 employees across 22 offices in 14 countries in North America, Western and Eastern Europe, and Asia Pacific. Luxoft is incorporated in Tortola, British Virgin Islands, has an operating headquarters office in Zug, Switzerland and is listed on the New York Stock Exchange. For more information, please visit http://www.luxoft.com .

TechnoLogica is a leading Bulgarian software company, which since 1990 has been developing a comprehensive range of information technology services including implementation of information systems, software development, consulting and specialized training.

TechnoLogica is an Oracle Platinum Partner and a Microsoft Gold Certified Partner. It is an authorized education center for Oracle, the International Institute of Business Analysis (IIBA ®) and the Project Management Institute (PMI ®), as well as a certified test center for IIBA.
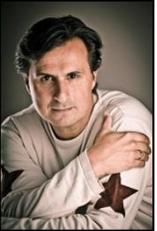
TechnoLogica is consistently pursuing innovation by acquiring, adapting and further developing new technologies and creating technological tools. The company's product portfolio includes solutions for: ERP; HRM; CRM; BPM; PM; DW and BI; GIS; CAD/CAM; Development of custom software. The company has offices in the Bulgarian cities of Sofia, Plovdiv, Varna and Burgas and in the Republic of Macedonia. Its team numbers more than 200 experts in various fields.

Main entrance

A

C

B

D

Stage

Entrance

E

F

Window

Window

A	B
12c PDBs, Snapshots & Change Management 🇬🇧 , 𝔻𝔹𝔸 , *All Levels*	
Nikolay Kovachev, Senior Oracle Database Consultant, TechnoLogica	

Abstract:

One of the most remarkable new features of Oracle Database 12c is the multitenant architecture or the ability to create, duplicate, plug in and out pluggable databases with near zero effort. Sounds great, but it can become even awesome if we include Solaris ZFS for creating snapshot clones of our PDBs and Oracle EM12c lifecycle management to track changes and provide and deploy patches. This session will give us an introduction to these features and a short demo how to use and implement them.

Speaker:

Nikolay works as a Senior Oracle Database Consultant for TechnoLogica, which is Oracle Platinum Partner with Exadata specialization.
He holds more than 10 certificates related to Oracle Database, focused on performance tuning, Exadata and SPARC SuperCluster. In TechnoLogica Nikolay is responsible for the design, sizing and performance tuning for projects with national significance. He is a trainer for the Oracle University courses and a regular speaker at BGOUG events.
He has presented at HROUG and SIOUG conferences as well.

Nikolay is a blogger (www.progeeking.com) and a regular BGOUG volunteer.

C	D
ADF Programming Best Practices 🇬🇧, DEV , *All Levels* *Frank Nimphius, Senior Principal Product Manager, ORACLE* *Abstract:* You cannot buy experience, you have to earn it! While this is a true statement there are tips and tricks of trade that help developers to overcome initial hurdles in developing applications with new technologies or frameworks. This session teaches ADF programming best practices that can be applied to ADF essentials and the full paid version of ADF alike. It outlines common developer mistakes and how to avoid them going layer-by-layer. First you learn the dos and don'ts for ADF Business Components, followed by the same for the ADF Controller, the binding layer, view layer and the sue of JavaScript in Oracle ADF. If you are a new ADF developer, this session short-cuts learning in that it points you into the right direction. If you are an experienced developer, you still want to join the session to do checkmarks on what you did right and cross marks on things you still do wrong. You can't buy experience, but you can attend a session that helps you avoiding mistakes. *Speaker:* Frank Nimphius is a Senior Principal Product Manager for Oracle Corporation where he works on Oracle Mobility and Development Tools. Frank started product management more than 10 years ago for Oracle Forms and since then moved on to Oracle JDeveloper, Oracle Application Development Framework (ADF) and the Mobile Application Framework (MAF) product. As part of his ADF and MAF community contribution Frank co-authored "Oracle Fusion Developer Guide", an ADF book published by McGraw Hill in 2010, writes for Oracle Magazine, frequently publishes whitepapers, blog articles and tutorials, and records ADF and MAF learning videos for YouTube amd Oracle University. Frank runs the ADF Code Corner website and is a contributor to the ADF Architecture Square website. As a presenter, Frank represents Oracle at OOW and various user group events around the world. Beyond this, Frank occasionally creates and teaches internal and external trainings on Oracle ADF and the Mobile Application Framework.	

A	B
45 DBA commands in 45 minutes, 🇬🇧 **, DBA , All Levels**	**SQL Model Clause: A Gentle Introduction,** 🇬🇧 **, DEV , Intermediate**
Julian Dontcheff ♠ , Head of Database Management , Accenture	**Alex Nuijten ♠ , Sr. Consultant, Ordina**
Abstract:	**Abstract:**
With more than 500 new features, Oracle Database 12c is designed to give us exactly what we need for easy database administration, consolidation, security and availability. This 45 minute presentation show 45 less known DBA commands used with Oracle 12c, Exadata and SuperCluster.	The Model Clause adds spreadsheet-like functionality to the SQL language. Very powerful stuff, yet the syntax can be quite daunting. With the Model Clause, you define a multidimensional array from query results and then apply formulas to this array to calculate new values. This presentation will give you a gentle introduction in the complex syntax of the Model Clause and will show you some real life examples where the Model Clause was invaluable.
Speaker:	**Speaker:**
First Oracle Certified Master in Europe, Oracle ACE Director, more than 20 years of database experience	Alex Nuijten works as a key consultant for Ordina Oracle Solutions in The Netherlands. Besides his consultancy work, he conducts training classes, mainly in SQL and PL/SQL. Alex has been a speaker at numerous international conferences, such as ODTUG, Oracle Open World, UKOUG, IOUG, OUGF, OGH and OBUG. He was part of the Nordic ACE Directors Tour in 2012. He is also a frequent contributor at the Oracle Technology Network forum for SQL and PL/SQL. He wrote many articles in Oracle related magazines, and at regular intervals he writes about Oracle Application Express and Oracle database development on his blog "Notes on Oracle" (nuijten.blogspot.com). Alex is co-author of the book "Oracle APEX Best Practices" (published by Packt Publishers). In August 2010, Alex was awarded the Oracle ACE Director membership.

C	D
Mobile for Everyone: Building Enterprise Mobile Applications with Oracle Mobile Application Framework (MAF) 🇬🇧, DEV, *All Levels* *Frank Nimphius, Senior Principal Product Manager, ORACLE*	*Get out of my way. I'm here to close the deal!* 🇬🇧, BS , *All Levels* *Bjorn Deverill-Mathisen, CEO, Dataess*

C

Abstract:

Mobile meets the enterprise! The market for enterprise mobile opportunities is steadily growing and does so at a rate that makes enterprise mobile adoption an imperative for Oracle customers and partners. At the same time however, the mobile landscape is still evolving, making it difficult for enterprises to decide for a future-save go-mobile strategy. In this context, abstracting the development of mobile applications from the target runtime environment, as done with Oracle MAF, is a sound approach.

Oracle's Mobile Application Framework (MAF) makes it easy for Java EE and Oracle ADF developers to build cross-platform mobile applications that extend new and existing enterprise Web and SOA applications to the mobile channel. This session showcases enterprise mobile application development with Oracle MAF and explains how MAF integrates in the overall Oracle mobility strategy, -platform and -product offerings. After attending this session you understand the MAF architecture, development environment and steps included in building and deploying mobile applications with Oracle MAF

Speaker:

Frank Nimphius is a Senior Principal Product Manager for Oracle Corporation where he works on Oracle Mobility and Development Tools. Frank started product management more than 10 years ago for Oracle Forms and since then moved on to Oracle JDeveloper, Oracle Application Development Framework (ADF) and the Mobile Application Framework (MAF) product. As part of his ADF and MAF community contribution Frank co-authored "Oracle Fusion Developer Guide", an ADF book published by McGraw Hill in 2010, writes for Oracle Magazine, frequently publishes whitepapers, blog articles and tutorials, and records ADF and MAF learning videos for YouTube amd Oracle University. Frank runs the ADF Code Corner website and is a contributor to the ADF Architecture Square website. As a presenter, Frank represents Oracle at OOW and various user group events around the world. Beyond this, Frank occasionally creates and teaches internal and external trainings on Oracle ADF and the Mobile Application Framework.

D

Abstract:

Get out of my way. I'm here to close the deal is a presentation about changing the game of sales, and how to be a winner!

How do you as a leader challenge and motivate your team to perform better.

Will also look into the alchemy of leadership asking questions like; Does your management model fit tomorrow's talent?

It will be an inspirational hour, so challenge yourself and pop by!

Speaker:

Bjorn Deverill-Mathisen has spent most of his career in the IT industry. He is known to be a great networker, a true sales and marketing professional and an inspiring and energetic leader. He loves to win, but acknowledges that it`s more to learn from losing

13:00 – 14:00 | Friday

A	B
Partition Pruning 🇬🇧*,* 𝔻𝔹𝔸*,* All Levels	***Oracle 12c for Developers*** 🇬🇧*,* 𝔻𝔼𝕍 *,* All Levels
Joze Senegacnik ♠ *, DBProf*	***Alex Nuijten*** ♠ *, Sr. Consultant, Ordina*
Abstract:	***Abstract:***
In now days tables are growing very fast so sooner or later you will encounter a problem with an execution plan that performs full table scan on a big table with millions of rows. For such tables Oracle long ago gave us solution to use partitions. However, if we create partitions, will they always solve performance problems? The answer is probably not. The idea behind partitions is an old proverb from Roman emperor Julius Caesar : "Divide et impera" – Divide and Conquer. But the crucial question is – can we always divide? In this presentation we will talk about so called "partition pruning" or in other words – eliminating partitions which are not required to be processed for our query. We will talk about static and dynamic pruning and what are the prerequisites that the optimizer will be able to use partition pruning in the execution plan	Do you want to get up to speed with the most current release of Oracle Database? If so, this session is for you. You will learn about the most exciting and useful new features of Oracle Database 12c that can make your work as a database developer a lot easier. There is more to Oracle Database 12c than just pluggable databases.
Speaker:	***Speaker:***
Joze Senegacnik has more than 26 years of experience in working with Oracle products. He began in 1988 with Oracle Database version 4 while working for the City of Ljubljana, where he had charge over the city's municipal and geographic information systems. From 1993 to 2003, he worked in developing GIS systems for the Surveying and Mapping Authority of the Republic of Slovenia, and in the development of applications for other governmental institutions, all based on the Oracle database. More recently, he has specialized in performance optimization, having developed his own toolset for monitoring performance and analyzing trace files. Joze is an internationally recognized speaker, and a member of the highly respected OakTable Network (oaktable.net). He was awarded Oracle ACE and Oracle ACE Director membership for his long record of positive contributions to the Oracle community.	Alex Nuijten works as a key consultant for Ordina Oracle Solutions in The Netherlands. Besides his consultancy work, he conducts training classes, mainly in SQL and PL/SQL. Alex has been a speaker at numerous international conferences, such as ODTUG, Oracle Open World, UKOUG, IOUG, OUGF, OGH and OBUG. He was part of the Nordic ACE Directors Tour in 2012. He is also a frequent contributor at the Oracle Technology Network forum for SQL and PL/SQL. He wrote many articles in Oracle related magazines, and at regular intervals he writes about Oracle Application Express and Oracle database development on his blog "Notes on Oracle" (nuijten.blogspot.com). Alex is co-author of the book "Oracle APEX Best Practices" (published by Packt Publishers). In August 2010, Alex was awarded the Oracle ACE Director membership.

13:00 – 14:00 | Friday

C	D
Oracle ADF Security: Addressing the Top 10 Security Vulnerabilities published by OWASP in 2013 🇬🇧, DEV , Intermediate	***In-Database MapReduce: Near-Real-Time Analytics with Hadoop and SQL*** 🇬🇧, BI , All Levels
Frank Nimphius, Senior Principal Product Manager, ORACLE	***Kuassi Mensah, Director, Product Management, ORACLE***

C

Abstract:

This session assumes no enterprise application developer to strive for writing bad software that compromises corporate security or that puts corporate assets at risk. But is the attitude of good intention enough to protect business applications from evil, or what does it take to make ADF applications secure and safe? To help guiding developers in writing secure software and to raise developer security awareness, at the end of each year, the Open Web Application Security Project (OWASP) publishes a list of top-10 critical web application security vulnerabilities identified for the year past. The OWASP top-ten vulnerability listing however is technology agnostic and thus does not contain language or framework specific sample code, hints and tips that developers can use in custom application development.

Many Oracle customers started asking for a paper to provide guidance of how to address OWASP top-10 security vulnerabilities in Oracle ADF web applications. Oracle listens and for Oracle ADF this session addresses OWASP top-10 security vulnerabilities published for the year 2013.

Speaker:

Frank Nimphius is a Senior Principal Product Manager for Oracle Corporation where he works on Oracle Mobility and Development Tools. Frank started product management more than 10 years ago for Oracle Forms and since then moved on to Oracle JDeveloper, Oracle Application Development Framework (ADF) and the Mobile Application Framework (MAF) product. As part of his ADF and MAF community contribution Frank co-authored "Oracle Fusion Developer Guide", an ADF book published by McGraw Hill in 2010, writes for Oracle Magazine, frequently publishes whitepapers, blog articles and tutorials, and records ADF and MAF learning videos for YouTube amd Oracle University. Frank runs the ADF Code Corner website and is a contributor to the ADF Architecture Square website. As a presenter, Frank represents Oracle at OOW and various user group events around the world. Beyond this, Frank occasionally creates and teaches internal and external trainings on Oracle ADF and the Mobile Application Framework.

D

Abstract:

For most companies, big data feeds include point-of-sale records; call detail records; and financial, medical, and intelligence data stored in Oracle databases, but Hadoop algorithms and patterns such as clustering, classification, and recommenders are very hard to implement with SQL alone. Furthermore, shipping data to Hadoop incurs latency and carries scalability, integrity, and security issues. This session describes how to implement near-real-time analytics with In-Database Container for Hadoop. It accesses and processes data in place, directly in RDBMS tables, using Hadoop and SQL. The ability to reuse existing Hadoop assets and exposing Hadoop job steps as SQL functions shield DBAs and developers from having to learn Hadoop.

Speaker:

Kuassi Mensah is Director of Product Management for Java products for the Database (Oracle JDBC, Java in the Database, UCP, DRCP, Application Continuity), Hadoop products for the database (Oracle In-Database Container for Hadoop, Oracle Table Access for Hadoop).
Mr Mensah holds a MS in Computer Sciences from the Programming Institute of University of Paris VI. He has published several articles and a book @ http://www.amazon.com/exec/obidos/ASIN/1555583296

He is is a frequent speaker at Oracle and IT events and maintains a blog @http://db360.blogspot.com , as well as facebook, linkedin, and twitter (@kmensah) pages.

A	B
Agile Data Platform : revolutionizing database cloning 🇬🇧, 𝔻𝔹, All Levels	***Engineered Systems Operational Management*** 🇧🇬, ℂ𝕊, Intermediate

Kyle Hailey ♠ , Architect, Delphix

Daniela Milanova, Principal Sales Consultant, ORACLE

Abstract:

Database virtualization allows the same datafiles to be shared by multiple clones allowing almost instantaneous creation of new copies of databases with almost no disk footprint. Along with storage efficiency database virtualization allows agile management of database copies. The data agility eliminates bottlenecks in development by removing wait time for creating database environments, allows each developer to have their own full copy of the database and providing QA and UAT with immediate copies of the development environments for testing. This presentation will compare and contrast different types of databasevirtualization from Oracle 11 CloneDB, Oracle 12c Snap Clones, 12c Snapshot Manager Utility, Oracle ZFS Appliance, Delphix Appliance, VMware Data Director, NetApp Snap Manager for Oracle and EMC. How does database virtualization work? What are the advantages and disadvantages of different approaches.

Speaker:

Kyle is a principal designer for the Oracle Enterprise Manager performance pages. He is a member of Oracle Oak Table, the co-author of Oracle Insights: Tales of the Oak Table, and was a technical editor of Oracle Wait Interface. He holds a patent in the area of database performance diagnosis, and has been a speaker at Hotsos, NOCOUG,RMOUG, NYCOUG, Oracle World and organizes Oaktable World. Kyle also teaches classes around the world on Oracle performance tuning. Currently Kyle works as a performance Architect at Delphix along with industry leading software, kernel and filesystem designers to take corporate data management to a new level of agility.

Abstract:

This presentation aims to assist I.T. managers and senior executives who are evaluating or planning for Exadata deployments in understanding how it can fit into their support organizations. The Oracle Exadata Database Machine is a proving to be a very popular solution for many database projects. It is a new approach and involves some new technology but primarily a new approach to delivering efficient database services. So it is natural that when evaluating Exadata and planning for its adoption organizations want to be sure, not only that it works but also that they can manage it effectively on a day to day basis in the context of their existing skill sets and organizational structures. As well as radically increased performance and capacity, a significant result of architectural simplification is that Exadata is simpler to manager and so offers the potential for more agile and lower cost administration. After reviewing the Exadata architecture and differences from traditional platforms, this presentation discusses;

1. Benefits. What are the potential savings, where do they come from, with examples and case studies.

2. Organization Structures. What are the options for how best to organize administration teams in order to optimize Exadata administration?

3. Administration tasks and tools are reviewed at a high level.

Speaker:

C	D
Novelties in Java™ EE 7: JAX-RS 2.0 – The Java API for RESTful Web Services 🇬🇧, DEV, *Intermediate*	***Using Analytical SQL to Intelligently Explore Big Data*** 🇬🇧, BI, *All Levels*

C

Novelties in Java™ EE 7: JAX-RS 2.0 – The Java API for RESTful Web Services 🇬🇧, DEV, *Intermediate*

Trayan Iliev, CEO, IPT - Intellectual Products & Technologies

Abstract:

The presentation highlights the novelties in JAX-RS 2.0 – the new Client and Server RESTful API in Java™ EE 7: Standardized REST Client API; Client-side and server-side asynchronous HTTP request processing; Integration of declarative validation of resources, response entities, method parameters, and fields using JSR 349: Bean Validation 1.1; Improved server-suggested content negotiation in addition to that suggested by client; Aspect-oriented extensibility of request/response processing using Filters (non wrapping) and Interceptors (wrapping) client and server extension points; Dynamic extension registration using DynamicFeature interface; Hypermedia As The Engine Of Application State (HATEOAS) REST architectural constraint support using state transition links.
All new JAX-RS 2.0 features will be demonstrated using practical examples of RESTful services, resources, clients, and client-side tests.
In addition to current state-of-the-art of Java EE 7 REST API, insights will be provided on new features and improvement directions expected to become part of JSR 370: Java™ API for RESTful Web Services (JAX-RS 2.1) Specification included in Java EE 8.

Speaker:

Trayan Iliev holds MSc degree in Informatics from Sofia University. Since 2003 he is CEO of IPT. The company is specialized in software development and training using web and open source technologies. He is Oracle Certified Professional, Java SE 6 Programmer. Since 2000 he holds position of lecturer at Faculty of Mathematics and Informatics, Sofia University "St. Kliment Ohridski", Bulgaria. He has participated in EU funded international research projects, as well as in several business projects, as researcher, software developer/architect and project leader. Among his current technical and research interests are: Service Oriented Architecture, business systems and process modeling using UML and BPMN, Java portlets and portal frameworks (Liferay, GateIn, etc.), HTML 5 APIs and OO JavaScript libraries, Java EE 6/7 technologies (EJB 3.2, JSF 2.2, JPA, SOAP & REST-ful web services, Portlets & WSRP), HATEOAS, cross-platform mobile application development, Java multithreading, multi-agent technologies (http://www.h2j.org/).

D

Using Analytical SQL to Intelligently Explore Big Data 🇬🇧, BI, *All Levels*

Gerard Laker, Senior Principal Product Manager, ORACLE

Abstract:

Analyzing data reservoirs in the brave new world of big data can be very challenging and time-consuming. What if you could quickly and easily apply sophisticated analytical functions to any data—whether it's in Hadoop/NoSQL sources or an Oracle Database instance—using a simple declarative language you already know and love? Welcome back to SQL! This presentation will explain how to access and join all your big data sources (Hadoop, NoSQL, and relational) and apply deep, sophisticated, multilayered data discovery analytic, pattern matching, analytical summarizations, and predictions in just 60 minutes. No one knows SQL like Oracle knows SQL, so come and be amazed at how much SQL can really do to help you deliver faster, richer, better big data analytics.

Speaker:

Data Warehouse Consultant and Product Manager with extensive experience of data warehouse and business intelligence market having worked in a variety of roles, including: post sales consultancy, customer support and product management. Worked in a number of locations across Europe and also in California at Oracle's HQ in Redwood Shores.
Almost 15 years with Oracle and I am now part of ST Data Warehouse Product Management team, providing PM support to DW focused sales and consulting teams to help ensure the successful and effective delivery of DW solutions. Author of the data warehouse and analytical SQL blog.
Author of :
Oracle DW blog - oracle-big-data@blogspot.com
Twitter - @OracleBigData
Facebook - https://www.facebook.com/OracleBigData
Oracle DW magazine: http://flip.it/fKOUS
Weekly newspaper: http://paper.li/OracleBigData/1384259272

A	B
What Developers Should Know About Execution Plans 🇬🇧 , DEV , All Levels ***Joze Senegacnik*** ♠ ***, DBProf*** ***Abstract:*** Many times people ask me how the one can interpret the execution plan. What one really needs for the interpretation are the rules which are relatively simple. Of course one needs to know the specifics of some operations to be able to correctly interpret the execution plan. In this presentation we'll walk through the basic rules and most common operations and also discuss the possible ways how one can monitor the execution of SQL statement. This session is prepared mainly for developers to help them in understanding the execution plans. ***Speaker:*** Joze Senegacnik has more than 26 years of experience in working with Oracle products. He began in 1988 with Oracle Database version 4 while working for the City of Ljubljana, where he had charge over the city's municipal and geographic information systems. From 1993 to 2003, he worked in developing GIS systems for the Surveying and Mapping Authority of the Republic of Slovenia, and in the development of applications for other governmental institutions, all based on the Oracle database. More recently, he has specialized in performance optimization, having developed his own toolset for monitoring performance and analyzing trace files. Joze is an internationally recognized speaker, and a member of the highly respected OakTable Network (oaktable.net). He was awarded Oracle ACE and Oracle ACE Director membership for his long record of positive contributions to the Oracle community.	***Decrease Your MySQL Server's Attack Surface*** 🇧🇬 , DBA , Introductory ***Georgi Kodinov, Senior Software Development Manager, ORACLE*** ***Abstract:*** Security is not a question of "if" but "when". People will hit at your server(s). A smaller attack surface means they'll be more likely to miss too. And inflict less damage in general. Let's find out some easy steps we can take to decrease MySQL's attack surface in a typical web setup. ***Speaker:*** Georgi "Joro" Kodinov started as a MySQL developer in 2006. He's currently a team lead for the MySQL Server General Team. The team handles mysql security, performance monitoring, GIS and client tools. ***Georgi works out of his home office in Plovdiv, Bulgaria.***

C	D
Java Applications: At-Most-Once COMMIT Protocol and Capture/Replay Database Calls 🇬🇧, 𝔻𝔼𝕍 , *All Levels*	*Creating a custom map extension for Oracle BI MAD and BI Publisher* 🇧🇬 , 𝔹𝕀 , *All Levels*
Kuassi Mensah, Director, Product Management, ORACLE	*Dimitar Zahariev, BI Consultant, BTS Ltd.*
Abstract:	*Abstract:*
Preventing end users from buying the same flight or book or paying taxes twice is an almost insurmountable challenge for online Java applications. The challenge is to make a reliable determination of the outcome of a COMMIT statement when a database outage happens and ensure at-most-once COMMIT execution. This session presents an API implementing an at-most-once COMMIT protocol and also presents a new JDBC datasource that transparently records the interactions of a Java application with the RDBMS and then, in case of an outage, replaces Java objects (connection, statement, and the like) and attempts to replay RDBMS calls previously recorded, thereby ensuring applications continuity.	Quite often we need to visualize business critical information on a map with a structure that differs from the official administrative structure of the corresponding country. In this session we'll take a look at all the steps needed to build a custom map component of Bulgaria containing user defined regions.
Speaker:	*Speaker:*
Kuassi Mensah is Director of Product Management for Java products for the Database (Oracle JDBC, Java in the Database, UCP, DRCP, Application Continuity), Hadoop products for the database (Oracle In-Database Container for Hadoop, Oracle Table Access for Hadoop). Mr Mensah holds a MS in Computer Sciences from the Programming Institute of University of Paris VI. He has published several articles and a book @ http://www.amazon.com/exec/obidos/ASIN/1555583296	Works as a BI Consultant. Enthusiastic about everything related to BI and virtualization.
He is is a frequent speaker at Oracle and IT events and maintains a blog @ http://db360.blogspot.com , as well as facebook, linkedin, and twitter (@kmensah) pages.	

A	B
Doing PL/SQL from SQL: Correctness and Performance 🇬🇧 , DEV , *All Levels*	***Migration from DB2: Oracle DBA's Toolbox*** 🇬🇧 , DBA , *All Levels*
Bryn Llewellyn, Distinguished Product Manager, ORACLE	***Radu Parvu, Infrastructure Principal, Accenture***

A

Abstract:

A SQL statement that calls a PL/SQL function is slower than one that defines the same result by using only SQL expressions. The culprit is the SQL to PL/SQL round-trip. Its cost can be reduced by marking the function deterministic, by invoking it in a scalar subquery, by using the PL/SQL function result cache, or by some other caching scheme. With caching, you can't predict the result set if the function isn't pure, so it would seem that caching should be used with caution. This session shows that a function must have certain properties to be safe in SQL, even without caching—in other words that the possible semantic effect of caching is a red herring. You can't rely on how often, or in what order, an uncached function is called any more than you can rely on group by to do ordering.

Speaker:

Bryn has worked in the software field for more than 30 years. He joined Oracle UK in 1990, at the European Development Center, to work in the Oracle Designer team. He transferred to the Oracle Text team and then into Consulting as the Text specialist for Europe. He relocated to Redwood Shores in 1996 to join the Oracle Text Technical Marketing Group. He has been the Product Manager for PL/SQL since 2001. In 2005, he took on the additional product management responsibility for the Oracle Database capabilities that support online application upgrade. (The main one of these is called edition-based redefinition – EBR for short.)
It's hard for Bryn to remember his life before Oracle. He started off doing image analysis and pattern recognition at Oxford University (programming in FORTRAN) and then worked in Oslo, first at the Norwegian Computing Center and then and in a startup. In Norway, Bryn programmed in Simula (its inventors were his close colleagues). This language is recognized the first object-oriented programming language and was the inspiration for Smalltalk and C++.

B

Abstract:

DB2 Product Overview. DB2 Installation and Requirements
Architecture. DB2 Instance (DBM or Database Manager)
DB2 Client. Data Studio
Storage: Table Spaces. Buffer Pools
Security

Speaker:

Radu has over 14 years of experience in various database projects (mainly Oracle but other DBMS, too).
Radu holds License (one degree over Bachelor) of Engineering in Technological Physics from University of Bucharest.
Database Expertise:
Data migrations, database upgrades, backups, cloning and recovery
Oracle installation, configuration, patching and database tuning
Data Replication: Golden Gate, Advanced and materialized view replication, Oracle streams
Very large databases and Enterprise Manager Grid Control (OEM 12c Cloud Control)
HA: Real Application Clusters & Oracle Data Guard
Database design, Master data management, Business Intelligence and Data Warehousing: Exadata
ETL data: export/import, SQL*Loader and Oracle Data Pump
MAA and DR: Maximum Availability Architecture and Disaster Recovery
Speaker at OUG Finland
Frequent Speaker at Accenture Finland Oracle Community Sessions
Speaker for the Accenture WorldWide Oracle Community of Practice

DB related blog: http://db.parvu.org/blog/

C	D
Bundling packages and deploying applications with RPM	

Bundling packages and deploying applications with RPM
🇧🇬 , ℂ𝕊 , Introductory

Alexander Shopov, Senior Software Engineer, Cisco Systems Bulgaria

Abstract:

Using a package manager to deliver and deploy applications, patches, scrips, documentation and everything else has many benefits:

1. One gets a single and trustful way of installing, upgrading removing parts or whole applications.

2. You can easily check dependencies, order of installation,

3. You can verify contents and whether files have been changed, moved or deleted.

4. You can do this centrally via a package repository

5. You can even use cryptographic signatures to ensure that the right packages are delivered even via a unsecured network

I will show how this is done with RPM 4.1x which is used in RedHat, Fedora, CentOS, Oracle's Linux, OpenSuSE.

Speaker:

Alexander Shopov has wide experience in programming and has survived it. He never lets common knowledge stop him since he knows the purpose of if is to stop you. Besides that - heads are meant for braking walls. He prefers the heads to belong to someone else.
Relevant to BGOUG are his experience in Java and all the different dialects both imperative and declarative of SQL and their ilk. He has went through a lot of flavours of the software industry - applications and services for the administration almighty, catering to the needs and whims of commercial clients in the fashion, retail, relocation, building, furniture business. As we said - he has went through a lot and thankfully has started forgetting some of it. Otherwise he is generally a nice guy except for the times he isn't. That means he wields his sense of humour in mysterious ways.
He loves free and open source software and is the Bulgarian coordinator of GNOME translation.

A	B
The efficiency of Real Application Testing for DB12c Multitenant Consolidation 🇬🇧, 🅳🅱, *All Levels*	***Oracle Database In-Memory - The Game Changer*** 🇬🇧, 🅳🅱, *All Levels*

A

The efficiency of Real Application Testing for DB12c Multitenant Consolidation 🇬🇧, 🅳🅱, *All Levels*

Horia Berca, Technology Presales Consultant, Oracle Romania

Abstract:

New in Oracle Database 12c, Database Replay supports simultaneous execution of multiple database captures (be it 10g or 11g) on a single consolidated database.

This presentation is looking into consolidation on multiple pluggable databases with captures from applications running on 10g and 11g.

It goes further in the details to show how additional workloads can be sustained based on existing captured workloads: workload scale-up and time shifting are explored. Administrator will see how consolidation is done through the capabilities introduced in Enterprise Manager and what will be the metrics which they will be able to view in order to validate stability and scalability.

Is Real Application Testing the solution to your consolidation project? How fast can I deploy my new applications and how efficient are pluggable database for this task?

The presentation will show the features, give a scenario many DBAs face in the real world and allow the audience to understand the value behind RAT. Consolidation projects have challenged DBAs, architects, developers, storage admins and last but not least the Project Managers.

Will I be able to realistically validate the stability and efficiency while doing database consolidation? Will I be able to scale?

Speaker:

Oracle RDBMS engineer since 2005.
Started as PL/SQL Developer, then ETL Engineer.
Made the transition to Performance Engineer and then to Production DBA.
Currently Core Technology Presales Consultant with Oracle Corp.
Oracle Certified Expert - Oracle Database 11g Performance Tuning
Oracle Certified Professional - Oracle Database 11g Administrator
Blog: http://horia-berca-oracledba.blogspot.co.uk/
Twitter: https://twitter.com/horiaberca
Linkedin: ro.linkedin.com/pub/horia-berca/11/bb8/a04/

B

Oracle Database In-Memory - The Game Changer 🇬🇧, 🅳🅱, *All Levels*

James Anthony ♠ , Technology Director, e-DBA

Abstract:

e-DBA have been doing a lot of work on the Oracle Multitenant option over the past year, and we were also fortunate to be part of the Oracle Database In-Memory beta programme. In my presentation, I will draw on what we learnt whilst on the beta programme and focus on some of the key technical benefits but also tackle some of the key business benefits of this option as well as Oracle Database 12c. In my opinion, this is a big game changer and provides so much value that once people see it they're going to want to move to Oracle Database 12c and gain the extra competitive edge.

I will also showcase some demos which truly show the power of the In-Memory option as well as Oracle Database 12c.

Speaker:

James Anthony is currently the Technology Director for e-DBA Ltd. James spends the majority of his time evangelising new technologies to customers, with databases being one of his specialist areas. Before joining e-DBA, James held the position of UK Technical Director for Core Technology at Oracle. Having worked with Oracle Technology for over 15 years, James holds the prestigious titles of 'Oracle Certified Master' and 'Oracle ACE'. Now working for e-DBA, James role involves working closely with customers and helping them evaluate and implement new Oracle Technologies such as Oracle NoSQL.

C	D
Oracle Exadata Migrations: Lessons Learned from Retail 🇬🇧, 𝔻𝔹, *All Levels* ***Svetoslav Gyurov, Principal Consultant, e-DBA*** ***Abstract:*** This session focuses on real-world Oracle Exadata migration projects at two of the largest retailers in the United Kingdom. These projects were major Oracle Exadata consolidation projects and the stepping stone to a database as a service (DBaaS) model. The presentation shows the techniques used to perform the migrations and tweaks made to the Oracle Exadata install. It shares what worked well and highlights areas that may pose challenges during your journey to Oracle Exadata and DBaaS. ***Speaker:*** Svetoslav Gyurov is working as a database consultant at e-DBA, UK. Svetoslav has been in IT for more than 12 years and started his Oracle activities in 2006 with Oracle 10g. His area of experience is Oracle Database and any related technologies - Exadata, Performance, High Availability, Backup and recovery. For the past year and half Svetoslav has been working on Exadata projects for two of the biggest UK retailers.	***Oracle Data Integrator & Big Data Technical Workshop*** 🇬🇧, 𝕄𝕎 , *All Levels* ***Issam Hijazi, Senior Sales Consultant, ORACLE*** ***Abstract:*** In this workshop, we'll demonstrate how we can integrate ODI with Oracle's Big Data Appliance (VM). You will learn how to design Hadoop data integration using Oracle Data Integrator and possibly Oracle GoldenGate if the time allows. **Requirements**: Dedicate 2 cores, 5 GB memory and 30GB disk space to the virtual machine Install will require ~45GB disk space including temporary files You need Oracle VM VirtualBox and 7zip to be installed. Please download the the Workshop VM from the following URL prior the workshop date and follow instructions on how to deploy it on Oracle VirtualBox: http://www.oracle.com/technetwork/database/bigdata-appliance/oracle-bigdatalite-2104726.html#download_bdalite Guide: http://www.oracle.com/technetwork/database/bigdata-appliance/bigdatalite-40-quickdeploy-2301390.pdf HoL Material will be handed or shown in the day of the event. Please make sure you do not edit the VM or use any of the applications installed prior the Workshop to avoid the hassle of resetting it. ***Speaker:*** I work with solutions that enable technologies to "communicate" with each other, integrate. I help organizations build the right foundation with next-generation data integration solutions, move data to transform their business. Throughout the years, I've worked with many technologies for market leaders to develop solutions, initiate start-ups, support, manage projects and everything in-between. As an EMEA member of Oracle's Data Integration Solutions team, I do several activities to support our integration portfolio which consists of best-of-breed solutions: Oracle GoldenGate (OGG), Oracle Enterprise Data Quality (OEDQ), Oracle Data Integrator (ODI) and Oracle Active Data Guard (OADG).

A	B
Real Life RMAN: Lessons Learned after 6 years in Production 🇬🇧, 𝔻𝔹, *Intermediate* ***Ognyan Istatkov, DBA, Hewlett-Packard GDBC*** ***Abstract:*** The presentation will be covering 4 real cases happened during the last 6 years with practical examples and recommendations. The topics which I have prepared are: RMAN Duplicate (under microscope) Flashback Database Advanced cases Recovery with Storage Based Snapshots and ASM Tablespace Point-in-Time Recovery (TSPITR) 12c Features concerning the cases One of them will be supported with recorded demo. ***Speaker:*** Experienced Oracle DBA with over 6 years experience as a Production DBA and Trainer with particular knowledge and interest in solving complex issues. I am Senior Oracle DBA in HP Enterprise Services since 2011 and before that I have worked as Oracle DBA in Adecco Group. I had also worked as UNIX Administrator for US Web Hosting and Domain Registrar Company.	***NoSQL Databases : An introduction and Guide to Oracle NoSQL*** 🇬🇧, 𝔻𝔼𝕍, *All Levels* ***James Anthony ♠ , Technology Director, e-DBA*** ***Abstract:*** This presentation will discuss what NoSQL databases are and why they can be beneficial to your organisation. The speaker will also cover the functionality offered Oracle's NoSQL database and its integration with the database. ***Speaker:*** James Anthony is currently the Technology Director for e-DBA Ltd. James spends the majority of his time evangelising new technologies to customers, with databases being one of his specialist areas. Before joining e-DBA, James held the position of UK Technical Director for Core Technology at Oracle. Having worked with Oracle Technology for over 15 years, James holds the prestigious titles of 'Oracle Certified Master' and 'Oracle ACE'. Now working for e-DBA, James role involves working closely with customers and helping them evaluate and implement new Oracle Technologies such as Oracle NoSQL.

C	D
Oracle University - Empowering Organizations to Do More with Oracle Technology 🇬🇧 *,* 🅱🆂 *, All Levels* ***Ljiljana Krkic, Oracle University Country Leader, ORACLE*** ***Abstract:*** Oracle University Training can prepare your teams to implement and use Oracle technology resulting in: • Achievement of project objectives • Timely delivery of projects • Reduced costs • Lower risk • Fewer service calls Not to mention, it will help improve retention of your highly skilled staff members. The only thing worse than training your employees and having them leave, is not training your staff and having them stay. ***Speaker:*** Graduated at Faculty of Organizational Sciences, Department for Informational Systems and Technologies in Belgrade, with highest honours. Joined Oracle in February 2005, and held various positions. Managing Oracle University on a teritorry of Serbia, Montenegro and Bulgaria since June 2006.	***Oracle Data Integrator & Big Data Technical Workshop*** 🇬🇧 *,* 🅼🆆 *, All Levels* ***Issam Hijazi, Senior Sales Consultant, ORACLE*** ***Abstract:*** In this workshop, we'll demonstrate how we can integrate ODI with Oracle's Big Data Appliance (VM). You will learn how to design Hadoop data integration using Oracle Data Integrator and possibly Oracle GoldenGate if the time allows. **Requirements**: Dedicate 2 cores, 5 GB memory and 30GB disk space to the virtual machine Install will require ~45GB disk space including temporary files You need Oracle VM VirtualBox and 7zip to be installed. Please download the the Workshop VM from the following URL prior the workshop date and follow instructions on how to deploy it on Oracle VirtualBox: http://www.oracle.com/technetwork/database/bigdata-appliance/oracle-bigdatalite-2104726.html#download_bdalite Guide: http://www.oracle.com/technetwork/database/bigdata-appliance/bigdatalite-40-quickdeploy-2301390.pdf HoL Material will be handed or shown in the day of the event. Please make sure you do not edit the VM or use any of the applications installed prior the Workshop to avoid the hassle of resetting it. ***Speaker:*** I work with solutions that enable technologies to "communicate" with each other, integrate. I help organizations build the right foundation with next-generation data integration solutions, move data to transform their business. Throughout the years, I've worked with many technologies for market leaders to develop solutions, initiate start-ups, support, manage projects and everything in-between. As an EMEA member of Oracle's Data Integration Solutions team, I do several activities to support our integration portfolio which consists of best-of-breed solutions: Oracle GoldenGate (OGG), Oracle Enterprise Data Quality (OEDQ), Oracle Data Integrator (ODI) and Oracle Active Data Guard (OADG).

A	B
Upgrading to Oracle 12c 🇬🇧, 𝔻𝔹𝔸, <u>*All Levels*</u>	***Oracle Database 12c JSON Support*** 🇬🇧, 𝔻𝔼𝕍, <u>*All Levels*</u>
Julian Dontcheff ♠ *, Head of Database Management , Accenture*	*Dominic Giles, Master Product Manager, ORACLE*
Abstract:	***Abstract:***
This presentation is about how important it is to get things right before and after, not just during, an Oracle 12c Database upgrade. The two main topics the presentation discusses are the new preupgrade tool and recommended postupgrade best practices.	The speaker will discuss Oracle Database 12c's new support for JSON in the database and describe the benefits it can offer developers looking to implement NoSQL or REST based applications.
Speaker:	***Speaker:***
First Oracle Certified Master in Europe, Oracle ACE Director, more than 20 years of database experience	Dominic is a product manager for the Oracle Database with an overview/strategy role. He's been an Oracle employee for the last 24 years.

12:30 – 13:30 | Saturday

C	D
APEX Developers : Do more with Less !! 🇬🇧**, DEV,** *All Levels* ***Roel Hartman*** 🔶 **, Director, APEX Consulting**	***Oracle Data Integrator & Big Data Technical Workshop*** 🇬🇧**, MW,** *All Levels* ***Issam Hijazi, Senior Sales Consultant, ORACLE***
Abstract: As an APEX Developer you might have experienced that conventional CSS has it's drawbacks. And you might have heard about LESS, SCSS, SASS and other weird acronyms. So what do these acronyms mean to you and why should you care? In this session you will learn how to bring your CSS skill set to the next level using the opportunities brought to you by these new techniques. Although these skills can be applied to any web project, in this session we will be targeting APEX applications. *Speaker:* Roel is a very experienced Oracle Software Architect. He started about 20 years ago using Oracle RDBMS 5, Oracle Forms 2.3, RPT/RPF and Oracle*Case 4.5. Since a few years he focuses mainly on Oracle Application Express. Roel has been a speaker on UKOUG, OOW, Collaborate, ODTUG's KSCOPE and a number of local Oracle User Groups. He is an active participant of the Oracle APEX Forum and keeps an (APEX-related) blog on http://roelhartman.blogspot.com. In June 2009 Roel received an Oracle ACE award and in August 2010 he's appointed as Oracle ACE Director. Roel is a co-writer of the "Expert Oracle Application Express" and "Oracle Application Express for Mobile Web Applications" books. Roel is Director at APEX Consulting in The Netherlands.	*Abstract:* In this workshop, we'll demonstrate how we can integrate ODI with Oracle's Big Data Appliance (VM). You will learn how to design Hadoop data integration using Oracle Data Integrator and possibly Oracle GoldenGate if the time allows. **Requirements**: Dedicate 2 cores, 5 GB memory and 30GB disk space to the virtual machine Install will require ~45GB disk space including temporary files You need Oracle VM VirtualBox and 7zip to be installed. Please download the the Workshop VM from the following URL prior the workshop date and follow instructions on how to deploy it on Oracle VirtualBox: http://www.oracle.com/technetwork/database/bigdata-appliance/oracle-bigdatalite-2104726.html#download_bdalite Guide: http://www.oracle.com/technetwork/database/bigdata-appliance/bigdatalite-40-quickdeploy-2301390.pdf HoL Material will be handed or shown in the day of the event. Please make sure you do not edit the VM or use any of the applications installed prior the Workshop to avoid the hassle of resetting it. *Speaker:* I work with solutions that enable technologies to "communicate" with each other, integrate. I help organizations build the right foundation with next-generation data integration solutions, move data to transform their business. Throughout the years, I've worked with many technologies for market leaders to develop solutions, initiate start-ups, support, manage projects and everything in-between. As an EMEA member of Oracle's Data Integration Solutions team, I do several activities to support our integration portfolio which consists of best-of-breed solutions: Oracle GoldenGate (OGG), Oracle Enterprise Data Quality (OEDQ), Oracle Data Integrator (ODI) and Oracle Active Data Guard (OADG).

A	B
OS Authentication Good, Running SQL*Plus and RMAN Scripts from PL/SQL Better 🇬🇧, DEV, *All Levels* ***Bryn Llewellyn, Distinguished Product Manager, ORACLE*** *Abstract:* For two decades, Oracle has considered OS authentication harmful. Why then do some users consider it a good thing? Because it guards access to develop and execute SQL*Plus scripts and RMAN scripts with a single externally managed password. This session shows how a new Scheduler capability in Oracle Database 12c meets this requirement better. Scripts are stored in database tables, or are composed dynamically, and are submitted using PL/SQL. The Oracle instance spawns the tool as a lowly OS user. It connects to the instance that started it using a new kind of credential that securely encapsulates the database username and password. A job started by a local user runs in its own pluggable database (PDB), neatly sidestepping the fact that you can't start a session in a PDB using OS authentication. *Speaker:* Bryn has worked in the software field for more than 30 years. He joined Oracle UK in 1990, at the European Development Center, to work in the Oracle Designer team. He transferred to the Oracle Text team and then into Consulting as the Text specialist for Europe. He relocated to Redwood Shores in 1996 to join the Oracle Text Technical Marketing Group. He has been the Product Manager for PL/SQL since 2001. In 2005, he took on the additional product management responsibility for the Oracle Database capabilities that support online application upgrade. (The main one of these is called edition-based redefinition – EBR for short.) It's hard for Bryn to remember his life before Oracle. He started off doing image analysis and pattern recognition at Oxford University (programming in FORTRAN) and then worked in Oslo, first at the Norwegian Computing Center and then and in a startup. In Norway, Bryn programmed in Simula (its inventors were his close colleagues). This language is recognized the first object-oriented programming language and was the inspiration for Smalltalk and C++.	***JavaScript Across Tiers with Nashorn and Avatar.js*** 🇬🇧, DEV, *All Levels* ***Kuassi Mensah, Director, Product Management, ORACLE*** *Abstract:* With Node.js, server-side JavaScript is getting traction. Developer's dream has always been to use the same language across all tiers. Can JavaScript be used across client, middle-tier and RDBMS tiers? With Nashorn and Avatar.js, JavaScript is joining the JVM-based languages bandwagon. This session describes how to use Node.js APIs through Avatar.js and JDBC to access Oracle Database 12c. It also describes how to implement JavaScript stored procedures running directly in Oracle Database 12c. The presentation will discuss the rationales and use cases for using JavaScript across the middle and RDBMS tiers. *Speaker:* Kuassi Mensah is Director of Product Management for Java products for the Database (Oracle JDBC, Java in the Database, UCP, DRCP, Application Continuity), Hadoop products for the database (Oracle In-Database Container for Hadoop, Oracle Table Access for Hadoop). Mr Mensah holds a MS in Computer Sciences from the Programming Institute of University of Paris VI. He has published several articles and a book @ http://www.amazon.com/exec/obidos/ASIN/1555583296 He is is a frequent speaker at Oracle and IT events and maintains a blog @ http://db360.blogspot.com , as well as facebook, linkedin, and twitter (@kmensah) pages.

C	D
Ten tiny things to try today : Hidden APEX 5 gems revealed 🇬🇧 , DEV , *All Levels* ***Roel Hartman*** 🔶 ***, Director, APEX Consulting*** ***Abstract:*** APEX 5 is the long awaited version of APEX with some big improvements, like the Page Designer. But apart from these striking features, there is a list of smaller enhancements that in it;s own makes the upgrade to APEX 5 worthwhile. In this sessions (about) ten of these features will be revealed and demonstrated. ***Speaker:*** Roel is a very experienced Oracle Software Architect. He started about 20 years ago using Oracle RDBMS 5, Oracle Forms 2.3, RPT/RPF and Oracle*Case 4.5. Since a few years he focuses mainly on Oracle Application Express. Roel has been a speaker on UKOUG, OOW, Collaborate, ODTUG's KSCOPE and a number of local Oracle User Groups. He is an active participant of the Oracle APEX Forum and keeps an (APEX-related) blog on http://roelhartman.blogspot.com. In June 2009 Roel received an Oracle ACE award and in August 2010 he's appointed as Oracle ACE Director. Roel is a co-writer of the "Expert Oracle Application Express" and "Oracle Application Express for Mobile Web Applications" books. Roel is Director at APEX Consulting in The Netherlands.	***Oracle Data Integrator & Big Data Technical Workshop*** 🇬🇧 , MW , *All Levels* ***Issam Hijazi, Senior Sales Consultant, ORACLE*** ***Abstract:*** In this workshop, we'll demonstrate how we can integrate ODI with Oracle's Big Data Appliance (VM). You will learn how to design Hadoop data integration using Oracle Data Integrator and possibly Oracle GoldenGate if the time allows. **Requirements**: Dedicate 2 cores, 5 GB memory and 30GB disk space to the virtual machine Install will require ~45GB disk space including temporary files You need Oracle VM VirtualBox and 7zip to be installed. Please download the the Workshop VM from the following URL prior the workshop date and follow instructions on how to deploy it on Oracle VirtualBox: http://www.oracle.com/technetwork/database/bigdata-appliance/oracle-bigdatalite-2104726.html#download_bdalite Guide: http://www.oracle.com/technetwork/database/bigdata-appliance/bigdatalite-40-quickdeploy-2301390.pdf HoL Material will be handed or shown in the day of the event. Please make sure you do not edit the VM or use any of the applications installed prior the Workshop to avoid the hassle of resetting it. ***Speaker:*** I work with solutions that enable technologies to "communicate" with each other, integrate. I help organizations build the right foundation with next-generation data integration solutions, move data to transform their business. Throughout the years, I've worked with many technologies for market leaders to develop solutions, initiate start-ups, support, manage projects and everything in-between. As an EMEA member of Oracle's Data Integration Solutions team, I do several activities to support our integration portfolio which consists of best-of-breed solutions: Oracle GoldenGate (OGG), Oracle Enterprise Data Quality (OEDQ), Oracle Data Integrator (ODI) and Oracle Active Data Guard (OADG).

A	B
SQL Tuning Methodology with VST 🇬🇧 *,* DEV *,* All Levels	*Endless column, vertical expansion – In-Memory Option* 🇬🇧 *,* DBA *,* All Levels
Kyle Hailey ♠ , Architect, Delphix	*Horia Berca, Technology Presales Consultant, Oracle Romania*

Abstract:

As a developer how does one know the impact of their SQL code on the system? How can the SQL load be verified and most importantly if the load of the SQL is high and/or SQL performance is slow, how can one tune the SQL? This presentation will show to identify high load SQL and most importantly how to analyze a SQL statement to identify bottlenecks and tune the SQL. For analyzing poor performing SQL statements, we will follow a solid step by step method using Visual SQL Tuning (VST). Visual SQL Tuning (VST) is a method of laying out the tables and joins of a query graphically indicating key features of the query in the graphics. With VST, you'll learn how to quickly visualize any coding errors in the query, discover flaws in the underlying database schema, and most importantly, find the best execution path through the query.

Speaker:

Kyle is a principal designer for the Oracle Enterprise Manager performance pages. He is a member of Oracle Oak Table, the co-author of Oracle Insights: Tales of the Oak Table, and was a technical editor of Oracle Wait Interface. He holds a patent in the area of database performance diagnosis, and has been a speaker at Hotsos, NOCOUG,RMOUG, NYCOUG, Oracle World and organizes Oaktable World. Kyle also teaches classes around the world on Oracle performance tuning. Currently Kyle works as a performance Architect at Delphix along with industry leading software, kernel and filesystem designers to take corporate data management to a new level of agility.

Abstract:

Data and data usage is not flat, there are consumers of all kinds for this data, be it hot or cold, all want high performance. In-Memory Option is not just another In-Memory solution to speed up your query performance. Oracle Database In-Memory option is fully integrated with the core Oracle RDBMS engine. The optimizer knows about it, transactions are maintained consistent in both row format and column format. The control remains to you, as you decide what data goes in with no limits or restraints from the software.

This presentation is looking on how to adopt the In-Memory Option, what are the changes you need to make in order to enable it – boringly minimal. It presents the new management interface from Enterprise Manager Cloud Control 12c – the In Memory Central and how to efficiently do performance comparisons using SQL Developer 4.0.3.

This presentation aims to show information starting with setup, population of data in the new in-memory column store, performance comparison tests and metrics achieved on benchmarks you can set up on your own infrastructure with minimal effort and free tools. The granularity of objects you can place in memory is explored, allowing a DBA or Architect to understand its flexibility and versatility.

With performance being the main goal, In-Memory option also aligns with the strategy where data access pattern dictates a good tiered storage architecture.

Speaker:

Oracle RDBMS engineer since 2005.
Started as PL/SQL Developer, then ETL Engineer.
Made the transition to Performance Engineer and then to Production DBA.
Currently Core Technology Presales Consultant with Oracle Corp.
Oracle Certified Expert - Oracle Database 11g Performance Tuning
Oracle Certified Professional - Oracle Database 11g Administrator
Blog: http://horia-berca-oracledba.blogspot.co.uk/
Twitter: https://twitter.com/horiaberca
Linkedin: ro.linkedin.com/pub/horia-berca/11/bb8/a04/

C	D
Practical tips for a successful BI project 🇧🇬 , BS, *All Levels* ***Milena Gerova, Project Manager, TechnoLogica*** ***Abstract:*** In this presentation we will discuss what are the key elements that make a BI project successful? How should we plan our project? Who should be involved? What are the main risks and how to avoid them? ***Speaker:*** Milena is a certified Project Management Professional (PMP®) with over 14 years extensive experience in project management, teaching and leading project teams. She is experienced in managing complex and high profile business and iInformation technology projects in Finance, Health Care, Government and Telecommunications area. She has more than 16 years of software development expertise including client relations, analysis, design and application development and implementation. Also Milena is the president of the Bulgarian Oracle User Group. She has been involved in the user group's activities since the group was created in 1994. Her work as a president has always been directed towards creating an active community, providing pleasant atmosphere for networking, support and education and for popularizing the group. She appreciates the support which TechnoLogica Management and the whole TL team have always given to the user group activities.	***Oracle Data Integrator & Big Data Technical Workshop*** 🇬🇧, MW , *All Levels* ***Issam Hijazi, Senior Sales Consultant, ORACLE*** ***Abstract:*** In this workshop, we'll demonstrate how we can integrate ODI with Oracle's Big Data Appliance (VM). You will learn how to design Hadoop data integration using Oracle Data Integrator and possibly Oracle GoldenGate if the time allows. **Requirements**: Dedicate 2 cores, 5 GB memory and 30GB disk space to the virtual machine Install will require ~45GB disk space including temporary files You need Oracle VM VirtualBox and 7zip to be installed. Please download the the Workshop VM from the following URL prior the workshop date and follow instructions on how to deploy it on Oracle VirtualBox: http://www.oracle.com/technetwork/database/bigdata-appliance/oracle-bigdatalite-2104726.html#download_bdalite Guide: http://www.oracle.com/technetwork/database/bigdata-appliance/bigdatalite-40-quickdeploy-2301390.pdf HoL Material will be handed or shown in the day of the event. Please make sure you do not edit the VM or use any of the applications installed prior the Workshop to avoid the hassle of resetting it. ***Speaker:*** I work with solutions that enable technologies to "communicate" with each other, integrate. I help organizations build the right foundation with next-generation data integration solutions, move data to transform their business. Throughout the years, I've worked with many technologies for market leaders to develop solutions, initiate start-ups, support, manage projects and everything in-between. As an EMEA member of Oracle's Data Integration Solutions team, I do several activities to support our integration portfolio which consists of best-of-breed solutions: Oracle GoldenGate (OGG), Oracle Enterprise Data Quality (OEDQ), Oracle Data Integrator (ODI) and Oracle Active Data Guard.