ORACLE USER GROUP FINLAND
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SPEAKERS' BIOS
AND PRESENTATION ABSTRACTS

Aghayev, Kamran

Kamran Aghayev is Oracle Certified Master, Oracle Certified Professional (9i, 10g, 11g), OCE (RAC 10g Expert), Oracle ACE Director working DBA at AzerCell Telecom.

Aghayev is the President of Azerbaijan Oracle User Group (AzerOUG), author of the book "RMAN Backup and Recovery" and blogging at http://www.kamranagayev.com

Aghayev also frequently spesents as a speaker at Oracle related conferences at USA, Japan, China, Thailand, Turkey and Azerbaijan and delivers classes about Oracle Database Administration at Qafqaz University and pursues Phd in Computer Science at Institute of Information Technology.

Subject of Presentation

Oracle 11g Clusterware failure scenarios with practical demonstrations

Topic: Oracle Server Technology & DBA Topics & Oracle Security

Is your cluster ware stable?

Have you performed necessary failure test-cases before putting your cluster ware to the production environment?

By attending this session you will understand the main and critical test cases, see how to implement and watch 10 real-world video tutorials to see what happens during failure of cluster ware resources.

♠ Ahorononich, Ami

Ami Aharonovich, founder and CEO, Oracle Certified Professional DBA with over 10 years of experience in a variety of Oracle technologies and expertise around the Oracle database since version 8, board member in the Israeli Oracle user group, serves as the professional databases department manager at John Bryce Training Centre. Has extensive experience in delivering worldwide trainings and seminars on various Oracle database topics, including conferences trainings in the Israeli "Oracle Week" conference and the international "Oracle Open World" conference.

Subject of Presentation

Exploring 11g/12c partitioning: New features and best practices

Topic: Oracle Server Technology & DBA Topics & Oracle Security

This session will explore new features and best practices for using various partitioning features while providing maximum performance and availability, including merge and exchange partitions and the latest database partitioning enhancements introduced in Oracle Database 11g and 12c, which take partitioning to perfection, and offer the widest choice of partitioning methods which include reference, interval, system, list, range and virtual column-based portioning.

♠Amitzi, Liron

Liron is a senior Oracle DBA, with over 15 years of experience. During these years Liron worked as a senior consultant with a large number of companies in various fields and managed an Oracle Professional Services Team. He is currently the VP of Professional Services at Brillix, a leading Oracle consulting company in Israel.

He mainly specializes in high availability solutions, performance, backup and recovery, and other infrastructure and application database areas. He is also a well-known senior instructor and lectures in Oracle courses, events and forums. Liron holds a BSc in Computer Science and he is an Oracle ACE and part of ilOUG (Israeli Oracle User Group) management team.

Subject of Presentation

Oracle Database & Storage - Dilemmas and Decisions

Topic: Oracle Server Technology & DBA Topics & Oracle Security

Storage is often the Achilles heel of many database systems. DBAs are well familiar with the database, but usually know much less about the infrastructure, and especially the storage subsystem. In this session we will discuss the characteristics of storage, its connectivity to the database and the hardware behind it.

Bolltoft, Bjorn

My name is Björn Bolltoft. I have been working 19 years for Oracle. I started my career as a consultant and spend most of my time with Database manageability. Performance Tuning, Database design and backup and recovery was my special areas.

When I started my career there was no tools to for monitoring and managing databases so I had to learn it the hard way by using SQL*Plus. I have followed the evolution of Enterprise Manager and rather soon I became a good advocate for the tool. "- Why spending time to find the correct syntax when there are tools that can help you with it and get more done"

The more Enterprise Manager matured the more have I promoted it during my assignments.

2008 I became the technical community leader for database within EMEA and my objective was to increase the awareness of Enterprise Manager.

In 2010 I moved from Consulting to a Product Manager role within Oracle Development. My current position is as an Enterprise Manager Product Manager within Database Manageability. As a PM you are exposed to Companies with a variety of demands from one database with special needs to companies with several thousands of productions databases that are monitored in Enterprise Manager.

Subject of Presentation

Big Data meets Exadata: a DBA's deep dive guide to managing engineered systems

Topic: Oracle Server Technology & DBA Topics & Oracle Security

Exadata and Big Data Appliance (BDA) are solutions for different needs. Exadata is built for structured Data in Relation Databases and BDA is for unstructured data.

But they have also lot in common, in matter of fact BDA is implemented on Exadata Hardware with another software stack. Therefore many features of Exadata Administration are applicable for BDA as well. We will take a tour in Exadata Administration and highlight some of the features and how to make your environment as efficient as possible and also highlight some unique BDA features.

Caffrey, Melanie
Melanie Caffrey is a senior development manager for Oracle Corporation, providing front-end and back-end Oracle solutions for the business needs of various clients.
She is co-author of several technical publications including Expert Oracle Practices: Oracle Database Administration from the Oak Table, Oracle Web Application Programming for PL/SQL Developers, and The Oracle DBA Interactive Workbook. She instructed students in Columbia University's Computer Technology and Applications program in New York City for seven years (while working full-time, no teaching in a vacuum here), teaching advanced Oracle database administration and PL/SQL development.
She is also a frequent Oracle conference speaker and has been a member of the OakTable since November, 2005.

Subject of Presentation 1

Five 11g features you probably not using (that are worth a look)

Topic: Oracle Server Technology & DBA Topics & Oracle Security

Whenever a new version of the Oracle database is released everyone can't wait to get their hands on it. However, there are features released in Oracle 11g that are seldom implemented beyond the Dev, Test, and Blog-about phase.

One: Edition-based redefinition scares many because of the perceived complexity of the cross-edition triggers. However, in its simplest form of implementation, most PL/SQL application updates seldom use such triggers.

As a high-availability solution it can save valuable time and money since, with time to test multiple versions of your PL/SQL code in a production environment before go-live, little to no downtime is incurred.

Two: Flashback Data Archive is met with dubious regard because the other flashback technologies relied completely on undo. However, flashback data archive is a set of partitioned, compressed heap tables that stores your audited records, with seldom need to use undo thereafter. Compared to the homegrown audit archive solutions many of us have coded, it provides significant ease-of-implementation and ease-of-management.

Three: the Data Recovery Advisor can help you to detect corruption (like undo and data dictionary corruption) and advise you with repair options. It's nice to know that there is a feature available to detect corruption, (that very well may do so) before your users begin to experience strange errors. Available through OEM and RMAN, this feature can be a life-saver since it provides time-saving activities like building out the RMAN scripts necessary to perform the repair action.

Four: the DBMS_COMPARISON PL/SQL package allows you to compare two Oracle databases, look at the differences, and converge the databases. This feature is used in Oracle SQL Developer, but you, of course, can call it directly. This is a particularly useful package if your source code scripts are not up to date for any reason.

Five: Virtual Columns turn those derived values in your SQL statements into indexable columns, that you can collect statistics on, that never consume storage space. This presentation discusses and provides example code and use-cases for each of these very useful, often overlooked or misunderstood and completely under-utilized features used in-house on Oracle internal systems.

Subject of Presentation 2

Three in 12c: Row Limiting, PL/SQL with SQL and Temporal Validity

Topic: Oracle Server Technology & DBA Topics & Oracle Security

The latest, greatest incarnation of the Oracle database, 12c, is chockfull of interesting and exciting new

features. This presentation introduces the attendee to just three of them available within SQL alone. Top-N queries can now employ simpler syntax with the use of the new row_limiting clause, which allows you to limit the rows returned by a query. The new FETCH FIRST and ROWS ONLY clauses can now be used, in certain situations, in place of the RANK and DENSE_RANK analytic functions.

You can also now define a PL/SQL function in the WITH clause of a query, and reference it within the query, as well as any of the query's subqueries. It has been a long-time challenge for database application developers to test SQL in various environments that call PL/SQL. Heretofore, the called unit had to be installed wherever the application developer was invoking it. Creating a PL/SQL function within SQL allows for that SQL to be run, and tested, from any Oracle 12c database schema.

And last, but not least, temporal validity enables you to have data visible depending on its time-based validity, as determined by the periods of time for which it is considered valid. Any application can now support a situation where it is important to have visible only the data within a table considered valid as of a specified time period, instead of all the data within a table (the current default).

This presentation provides an overview of each of these valuable 12c features with a comparison of the effort required to code your applications obtaining similar results but with different methodologies.

Date, Chris J

Chris Date attended High Wycombe Royal Grammar School (U.K.) from 1951 to 1958 and received his BA in Mathematics from Cambridge University (U.K.) in 1962. He entered the computer business as a mathematical programmer at Leo Computers Ltd. (London), where he quickly moved into education and training. In 1966, he earned his Master's degree at Cambridge, and, in 1967, he joined IBM Hursley (UK) as a computer programming instructor. Between 1969 and 1974, he was a principal instructor in IBM's European education program.

While working at IBM he was involved in technical planning and design for the IBM products SQL/DS and DB2. He was also involved with Edgar F. Codd's relational model for database management. He left IBM in 1983 and has written extensively of the relational model, in association with Hugh Darwen.

His book An Introduction to Database Systems, currently in its 8th edition, has sold well over 700,000 copies[1] not counting translations, and is used by several hundred colleges and universities worldwide. He is also the author of many other books on data management, most notably Databases, Types, and the Relational Model, subtitled and commonly referred to as The Third Manifesto, currently in its third edition (note that earlier editions were titled differently, but maintained the same subtitle), a proposal for the future direction of DBMSs.

Subject of Presentation

Temporal Data in the Relational Model & SQL
Topic: Oracle Server Technology & DBA Topics & Oracle Security

A presentation on temporal data in the relational model and SQL.

Maintaining and processing historical data has become not just a goal but a reality for many organizations. As a consequence, the ability to deal properly with the time dimension in databases has become an increasingly important practical problem. And today's mainstream DBMS products are—at last, some might say—beginning to include features that are specifically designed to help with this important requirement (though it has to be said too that the support currently found in those products falls a long way short of the theoretical ideal). This presentation describes and explains that theoretical ideal—which, interestingly, is 100 percent consistent with the classical relational model—in depth. It also discusses in detail the temporal support to be found in the SQL standard ("SQL:2011").

The presentation overall falls into three major parts. The first, "Laying the Foundations," explains some of the basic problems of temporal databases (some of which are far from obvious,

Incidentally) and lays the groundwork for solving those problems. The second, "Building on the Foundations," uses the material from the first part as a basis for addressing a variety of practical Issues, including temporal database design, temporal integrity constraints, and temporal update operations. The final part, "SQL Support," explains the pertinent features of the SQL standard in detail.

TOPICS
- Laying the Foundations
  What's the problem?
  Intervals and interval operators
  EXPAND and COLLAPSE
  PACK and UNPACK
  U_ operators
- Building on the Foundations
  Database design I : Structure
  Database design II : Keys and related constraints
  Updates
- SQL Support
  Periods
  Database design
  Queries
  Updates
  System time
  Bitemporal tables

♠De Visser, Piet

Piet is an experienced Database Consultant and Administrator.
He is in IT since 1987, and specializes in Oracle- and Databases-related technology since 1994. He combines technical knowledge with extensive experience in global organizations.

His energetic personality and language-skills makes him ideal for pioneering and ground-breaking projects in a multi-national environment.

He also invests a lot of effort in maintaining a network of Like-Minded Oracle specialists worldwide and is a regular speaker at international user group events and symposia.

Piet likes to Travel, speaks various languages more or less fluently, and is alway insterested in learning how to say "Hello" and "Thank You" in a few more languages (provided he can learn it in-situ).

Specialties:Piet specializes in Oracle databases and High-Availability and his philosophy is that Simple systems offer Higher Availability.

Subject of Presentation

Three keys to High Availability: People (3x)

Topic: Oracle Server Technology & DBA Topics & Oracle Security

The people in your DEVOPS team and their skills are still very important. With "unlimited" resources now available as IAAS, SAAS and any RAAS (Resource as a service...)
It is easier than ever to build and deploy systems. However, system still become more and more complex and users now expect everything to work all the time. This presentation is partly inspired by an ambulance-crew, will tell the DEVOPS team (and the DBA) to focus on three things:
1. Knowledge
2. Procedure
3. Training
DBA's and DEVOPS are generally keen to gather knowledge. But for Smooth DEV-OPS and well-running system, the team must also focus on the other two components:
Procedures, to ensure consistency, repeatability.
Training, to ensure every person, every component and every procedure works as planned.
If any of the three is neglected, your operation is exposed to risk.
If any of the three is over-emphasized, things can go wrong as well.
In engineering, any stable object rests on three points.

♠ Dontcheff, Julian

Julian Dontcheff is Oracle Certified Master and an Oracle ACE Director. Julian is a regular speaker at Oracle OpenWorld and runs a database blog at juliandontcheff.wordpress.com He holds a global position at Accenture as Head of Database Management. Julian is also Accenture's global Exadata Lead.

Subject of Presentation

Accenture's Engineered Systems Point of View

This session will cover use cases of how Accenture clients have benefited from Oracle's Engineered Systems. Each Exadata migration represents a different set of challenges based on a customer's infrastructure. We will take a technical deep dive into a handful of scenarios, review the challenges, explore lessons learnt and highlight the benefits customers are experiencing by adopting the Exadata platform

Ellen-Wolff, Iloon

I began my Oracle career twenty two years ago, being employed by several software houses
in The Netherlands, working with Oracle Forms version 2 and Report*Writer. Fifteen years ago, I was hired to work in Oracle Support Services for the Developer competency, assisting customers with solving their software problems.
This involved supporting Oracle Forms, Oracle Reports, Application Express, APEX Listener,
SQL*plus, SQL Developer and Oracle Database Service Cloud. During those years, I applied my expertise by coaching new engineers, team leading and teaching Application Express courses
for Oracle University.
For the past two years, I have been involved with the Oracle Cloud project.
I am also a member of the Platform as a Service (PaaS) readiness team, who test Application Express in the cloud and in this capacity, I provide foundation training for this technology.
One of my responsibilities in Oracle Support is that of Global Technical Lead for Application Express.
I work closely with sustaining engineering, product development and product management from the Application Express team.
I am a frequent speaker for various Oracle User Groups including the UK Oracle user group, the Dutch

user group, the Norwegian user group, the Bulgarian user group and OBUG, presenting about Application Express and SqlDeveloper.

Oak Table member since September 2013 (http://www.oaktable.net/)

Specialist in:

Database Service Cloud (PAAS)

Application Express

Apex Listener

Oracle Forms

SQL Developer

Fusion Middleware release 11/12

Co-Authored the book Application Express Best Practices

http://www.amazon.com/Oracle-APEX-Best-Practices-Nuijten/product-reviews/1849684006/ref=dp_top_cm_cr_acr_txt?showViewpoints=1

Subject of Presentation 1

Application Express for a Database Adminstrator audience

Topic: Oracle Server Technology & DBA Topics & Oracle Security

Application Express for a Database Administrator audience. This talk will cover Administration tasks including Installation, security, performance management, diagnosis and common questions asked by a DBA.

Subject of Presentation 2

How to avoid to struggle with APEX Listener

Topic: Oracle Server Technology & DBA Topics & Oracle Security

The new Oracle APEX Listener is a J2EE based alternative for the Oracle HTTP Server (OHS) and mod_plsql. The J2EE implementation offers improved functionality, including a web based configuration, and enhanced security. This session will explain how to install and configure the APEX Listener to work with GlassFish and Web Logic, how to troubleshoot the listener and how to diagnose problems.

Fierens, Philippe

Philippe is an independent oracle DBA currently working for a company situated in the internet sector.

As a consultant he helps his clients to find efficient, cost efficient, performing and sometimes creative solutions. He would like to share one recent example here at this user conference. Currently he is working on a project involving 3 M9000's and 2 Sparc Super Clusters.

When not working with oracle you can find him with his wife and 2 daughters or behind the camera taking pictures for various occasions and events. You can read more on his blog http://pfierens.blogspot.com or on twitter, his handle is @pfierens

Subject of Presentation

LDOMS and Oracle database: what to expect?

Topic: Oracle Server Technology & DBA Topics & Oracle Security

This session will discuss the use of LDOM s and Oracle database from an Oracle Dba point of view. It will give a brief overview of one project replacing a M9000 and M5000 by 2 T5-2 and LDOMS

 The hardware-side will be briefly touched :

- Comparing CPU performance with different offerings : SPARC (T4,T5, Ultra VI) and Intel based machines.
- impact analysis of moving from enterprise class M-series hardware to T-series
- mapping the current design (zones) to LDOMs
- sizing of the machine : HBA's , NIC's, …
- why a certain LDOM setup was chosen and the impact on availability

As well as the software-side :

- Special setup needed for Oracle RAC and LDOMS
- Restricting resources for an LDOM
- Integrating you MML with LDOMs (in this case Netbackup)
- pitfalls and problems encountered during the project
- licensing impact

 This session is both for DBA's as for Solaris sys admins. It will discuss how to setup Oracle Database with LDOMS from a DBA point of view. Which architectural choices should I make, how should I restrict resources…. It will also list the pitfalls and issues we encountered …The goal is that the attendee at the end of the session has an overview on how to implement LDOMS and Oracle Database and the benefits in flexibility it can bring to you.

Goodman, Joel

Joel Goodman has been in the computing industry for 38 years after obtaining his degree in Computer Information Sciences. He 20 years of experience with Oracle DBA technology in support, consulting and training. He is the OU EMEA Core Delivery Technical Team Leader for whom he speaks on a variety of advanced DBA topics. He also assists OU Curriculum Development by leading a team of Subject Matter Experts who provide Quality Assurance during course development. Joel is also the Technical Team Leader of the Oracle DBA Certification Test Development Team responsible for all DBA OCA, OCP, OCE and OCM exam content.
He is a regular speaker at various EMEA Oracle conferences and a member of the Oak Table network of Oracle DBA professionals.

Subject of Presentation 1

Oracle12c automatic data optimization and heat map

Topic: Oracle Server Technology & DBA Topics & Oracle Security

This Oracle University mini-lesson introduces the new Oracle 12c Automatic Storage Optimization and in database warehouse features.

It will discuss Automated Data Movement to different storage tiers, automatic compression of data, the new in-database archival feature and temporal row validity.

Subject of Presentation 2

Global Resource Management in RAC

Topic: Oracle Server Technology & DBA Topics & Oracle Security

This presentation will focus on the concepts underlying global resource coordination for an Oracle RAC Database. It will discuss Global Enqueues, Instance Locks, Result Cache coordination and Buffer Cache fusion and explain the framework used by Oracle to coordinate access to shared resources from multiple database instances.

♠ Graziano, Kent

Kent Graziano is the owner of Data Warrior LLC in The Woodlands, Texas (USA) and a lifetime member of RMOUG and ODTUG. He is a certified Data Vault Master (DVDM), Data Vault 2.0 Architect, Oracle ACE Director, and expert data modeler and architect with 30 years of experience, including nearly 25 years using Oracle, Oracle tools, and doing data warehousing. Kent has written numerous articles, co-authored four books, and has done over 50 presentations, nationally and internationally.

Subject of Presentation 1

Agile Data Warehouse Modeling: Introduction to Data Vault Data Modeling

Topic: Design & Development & Data Modeling, Data Warehousing

Not to be confused with Oracle Database Vault (a db security product), Data Vault Data Modeling is an agile data modeling technique for designing highly flexible, scalable, and adaptable data structures for enterprise data warehouse repositories. It is a hybrid approach using the best of 3NF and dimensional modeling. It is not a replacement for star schema data marts (and should not be used as such).

This approach has been used in projects around the world (Europe, Australia, USA) for the last 10 years but is still not widely known or understood. The purpose of this presentation is to provide attendees with a detailed introduction to the components of the Data Vault Data Model, what they are for and how to build them. The examples will give attendees the basics for how to build, and design structures incrementally, without constant refactoring. This technique works well for building the Foundation Layer within Oracle's Information Management Reference Architecture.

Subject of Presentation 2	

Five Cool Features in Oracle SQL Developer Data Modeler

Topic: Design & Development & Data Modeling

This presentation will cover the advanced properties and best practices of Oracle Data Guard. The topics that will be covered are:
- Configuration Best Practices (protection modes, redo transport, real time apply, flashback etc.)
- Performance Tuning of Oracle Data Guard Services (redo apply and transport services)
- Switchover & Failover Best Practices (Best Practices of about 20 switchovers and failovers in Turkcell)
- Configuring Data Guard for Corruption Detection
- Database Rolling Upgrade Using Data Guard SQL Apply
- RMAN Integration of Data Guard (Running backups on standby, using RMAN to recover from Data Guard failures)

- Integration with Oracle Applications (Data Guard Integration with Oracle Business Intelligence, Oracle Toplink etc.

Subject of Presentation 3	

Agile methods and Data Warehousing: how to deliver faster

Topic: Design & Development & Data Modeling, Data Warehousing

Most people will agree that data warehousing and business intelligence projects take too long to deliver tangible results. Often by the time a solution is in place, the business needs have changed. With all the talk about Agile development methods and Extreme Programming, the question arises as to how these approaches can be used to deliver data warehouse and business intelligence projects faster. This presentation will look at the principles behind the Agile Manifesto and see how they might be applied in the context of a data warehouse project. The goal is to determine a method or methods to get a more rapid (2-4 weeks) delivery of portions of enterprise data warehouse architecture. Real world examples with metrics will be discussed.

Hartman Roel

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 Evangelists in The Netherlands.

Subject of Presentation 1	

Going hybrid with your mobile APEX Oracle Application

Topic: Design & Development & Data Modeling

According to Gartner in 2015 50% of all mobile applications will be hybrid. So it is the right time to jump on the bandwagon and start building hybrid mobile applications yourself. And you don't need to know Java, Object C, C++ or other "strange" languages. Using Oracle Application Express and PhoneGap / Cordova you can create awesome looking and functioning applications.

Subject of Presentation 2	

APEX and BI Publisher - a match made in heaven?

Topic: Design & Development & Data Modeling

There are multiple reporting options when developing an APEX application. One of them is BI Publisher. In this session you will learn how easy - or hard - it is to set up a configuration and use it. Also three ways of calling BI Publisher reports from your application will be discussed.

Isene, Oyvind

Oracle DBA and consultant at Bicon. Board member of Oracle User Group Norway. Love optimization, talking to developers, and talk about good stuff.

Oslo, Norway · oisene.blogspot.com

Subject of Presentation

What I learned on my first experience with Exadata

Topic: Oracle Server Technology & DBA Topics & Oracle Security

The performance on the Exadata is impressive. However, nothing comes without a cost.
During my first project on Exadata I was surprised how fast Exadata can process enormous amount of data with sub-second response time, while other queries was quite disappointing. There is still room for the DBA that dedicates time to understand the technology. The talk will show briefly how the Exadata stands out from other conventional database architectures, a few limitations in the optimizer for 11g and the methods we used to optimize SQL.
In this talk I will argue why you still need good methods for tuning even on Exadata, and why it is important to give a basic understanding of the platform to the whole team so everyone can take advantage of the advanced features. The talk will include references to a project with JD Edwards and OBIEE on Exadata.

Jellema, Lucas

Lucas Jellema is an Oracle ACE Director and CTO at AMIS, an Oracle, Java, and SOA specialist based in The Netherlands. He works as a consultant, architect, and instructor in diverse areas such as Database & SQL, Java & Java EE, and SOA & BPM. The running theme through most of his activities is the transfer of knowledge and enthusiasm (and live demos). Lucas is a well-known speaker at conferences such as Oracle Open World, JavaOne and various Oracle User Group conferences around the world. He writes articles for OTN, OTech, ODTUG Technical Journal and the AMIS Technology Weblog. In 2010, he published the Oracle SOA Suite 11g Handbook (McGraw Hill) and is currently working on the SOA Suite 12c Handbook.

Subject of Presentation 1

A case of Fusion middleware - when, why, how and what?

Topic: Design & Development & Data Modeling, Oracle Server Technology & DBA Topics & Oracle Security, Fusion & Application Server & Middleware

NOPERU is the organization responsible for handing out permits that Corporations, Governments and Citizens need for activities that involve emissions -such as CO2 - or resource usage - such as energy or water. NOPERU works with 100s users from five locations. A transition is taking place from decentralized data, Oracle Forms based application silos, paper based documents, data oriented, outdated ...

Subject of Presentation 2

Introducing Oracle SOA Suite 12c

Topic: Fusion & Application Server & Middleware

he Oracle SOA Suite is a core component in the Fusion Middleware stack. With the SOA Suite, organizations can implement a service oriented architecture that allows agile development across

different technologies, providing the business services for various user interfaces as well as system to system and cloud to application integration scenarios. The brand new SOA Suite 12c release takes all

ADF in action – getting (re)acquainted with Oracle's premier application development framework

Topic: Design & Development & Data Modeling

ADF is the strategic application development framework for Oracle, a core element in Fusion Middleware. ADF can be used to create large scale, enterprise applications. It can be used to create entirely license free applications. It can be used to create cloud applications and also applications that can be used from all kinds of mobile devices. This session provides an overview of ADF: what is consists of, what it can be used for, what it is better not be used for, how does it compare to APEX and well does it integrate with Oracle Database. What does it take to (learn how to) develop ADF applications is in important question that is addressed. The presentation features several demonstrations of the both the first HelloEmployees application as well as a number of advanced ADF mechanisms such as Data Visualization, Personalization and Security. If you have not recently - or ever at all - seen ADF in action, and application development does take place in your organization, this session is a valuable quick introduction and overview.

Karremans, Jan

Jan has been working with Oracle since the early nineties. As an administrator, consultant and solution architect he has contributed to the ongoing development of information systems, mainly for healthcare purposes.
As European business developer, Jan recently took on the challenge of establishing a firm basis for Dbvisit Corp. Combined with this effort, his passion for the Oracle Standard Edition database helps to carry out the message for the necessity of high quality IT solutions.

Electronic patient records system based on APEX

Topic: Design & Development & Data Modeling

Many smaller organizations struggle to maintain a high quality information system within a limited budget. Using Oracle Standard Edition Database in combination with APEX solves this puzzle. Combining other solutions deliver an Enterprise quality system with an extendable, easy architecture, even fit for a high demanding Health care environment.

Kerm, Ilmar

Ilmar is a database and systems consultant in a Nordic software/BI company Affecto, helping customers and developers with all server-related issues and deployments. During the last 7 years he has been mostly based in Stockholm, in an online gambling company managing and performance tuning Oracle and MySQL databases. Ilmar is also the current president for Oracle User Group Estonia.

Making MySQL highly available with Oracle Grid Infrastructure

Topic: Oracle Server Technology & DBA Topics & Oracle Security

In this session users will learn how Oracle Grid Infrastructure and ASM Cluster Filesystem (ACFS) can be used to provide an inexpensive and easy to maintain high availability solution for almost any application. The session will give an overview of Oracle Grid Infrastructure and ACFS architecture and usage, giving practical examples how presenter used these solutions to manage collection of MySQL instances with different RDBMS versions as a single highly available cluster.

Koskinen, Antti

Subject of Presentation

Undocumented 11g/12c features unveiled

Topic: Oracle Server Technology & DBA Topics & Oracle Security

Kaikki esityksen sisältämä on havaittu globaalisti 24/7 käytössä olevassa 11.2 -tuotantoympäristössä. Kaikki koodi- ym. esimerkit ovat samoja joita käytettiin ongelmien todentamisessa sekä ratkomisessa. Pääpaino on hiljaisilla, dokumentoimattomilla muutoksilla joista ei vielä ole saatavilla luotettavaa tietoa (adaptiivinen redon kirjoitus, kursorinhallinnan muutokset), mutta esityksessä käydään läpi myös muutamia pienimuotoisempia yllätyksiä joita 11.2/12.1 tuovat tullessaan, sekä kuvataan miten yleisesti käytössä olevia työkaluja kuten Statspack kannattaa tulkita/muokata näiden muutosten takia. Myös VMWare -alustan aiheuttamat ongelmat Oraclen latenssille herkille toimille kuvataan seikkaperäisesti.

All use cases presented have been encountered and diagnosed in a global 11.2 production system used 24/7. All code- and other examples are the exact same ones that were used to troubleshoot and work around the issues. Main focus is on the silent, undocumented changes of which no reliable information is yet available (adaptive redo writing, cursor management changes), but also smaller-scale surprises that 11.2/12.1 bring along will be discussed. Recommended changes for using and interpreting results for common tools such as Statspack will also be discussed. The impact of running on VMWare for latency-sensitive Oracle operations will also be discussed in detail.

Kyte, Tom

Tom Kyte is a Senior Technical Architect in Oracle's Server Technology Division. Tom is the Tom behind the AskTom column in Oracle Magazine, answering people's questions about the Oracle database and its tools (asktom.oracle.com/). He is also the author of Expert Oracle Database Architecture (Apress, 2005/2009), Expert One on One Oracle(Wrox Press, 2001/Apress 2004), Beginning Oracle Programing (Wrox press, 2002/Apress 2004), and Effective Oracle by Design (Oracle Press, 2003). These are books about the general use of the database and how to develop successful Oracle applications.
Subject of Presentation 1
Top 12 MORE Things about the Latest Generation of Database Technology
Topic: Oracle Server Technology & DBA Topics & Oracle Security
We'll be taking a look at the Latest Generation of Database Technology and zeroing in on 12 high impact capabilities, looking at what they are and why they are relevant. This is a follow on from an earlier "12

things about 12c" discussion - this is 12 more things about 12c.

Oracle Optimizer – Managing Optimizer Statistics

Topic: Oracle Server Technology & DBA Topics & Oracle Security

During the optimization of a SQL statement the Optimizer relies heavily on statistics to estimate the number of rows produced by each of the SQL operators. The quality of the statistics for the objects referenced in the statement greatly affects the quality of the plan. Statistics maintenance is a challenge all DBAs must face in order to prevent execution plan from becoming suboptimal. This presentation includes information on the features introduced in both Oracle Database 11g and 12c to improve the quality and efficiency of statistics gathering, as well as strategies for managing statistics in various database environments. These strategies include how to use dynamic sampling and when, and how, to manually set statistics directly versus collecting them.

Linstedt Dan

My name is Dan Linstedt, I've been working in IT for 25+ years, and in Data Warehousing/BI since 1990. You can find out more information about me at: http://www.linkedin.com/in/dlinstedt

I've completely re-designed my site in hopes of making it more active, and more interactive. I will be posting Youtube videos, samples, downloads, information, and documentation about the Data Vault Modeling structures and Data Vault Methodology here. This can become your primary source of information for all things Data Vault.

I hope that you will use the comments to fill in your questions, thoughts, and information about your successes on your current projects using the Data Vault. I will begin by describing the history of the Data Vault in my first set of posts.

Welcome all, to the founder/author and creator of the Data Vault and my blog. If you'd like consulting, I also perform on-site consulting – you can find out more information at my consulting company: http://www.EmpoweredHoldings.com

Subject of Presentation

DV2.0 NoSQL and Big Data

Topic: Data Warehousing

Welcome to Data Vault 2.0, NoSQL, and Big Data. In this presentation we will explore what NoSQL and Big Data mean, and their impact on data warehousing. We explain why Data Vault 2.0 is ground-breaking and is the only solution you need to handle the demands produced by today's market pressures.

Llewellyn, Bryn

Bryn Llewellyn is PL/SQL Product Manager, Database and Application Server Technologies Development Group, at Oracle Corporation Headquarters. Bryn has worked in the software field for 25 years. He joined Oracle UK in 1990 at the European Development Center in the Oracle Designer team. He transferred to the Oracle Text team and from there moved into Consulting as EMEA's Text specialist. He relocated to

Redwood Shores in 1996 to join the Text Technical Marketing Group. His brief has recently been extended to cover Product Manager responsibility for PL/SQL.

Subject of Presentation 1

With Oracle Database 12c, there is all the more reason to use database PL/SQL

Topic: Oracle Server Technology & DBA Topics & Oracle Security

Subject of Presentation 2

Self-Provisioning Pluggable Databases Using PL/SQL

Topic: Oracle Server Technology & DBA Topics & Oracle Security

Subject of Presentation 3

PL/SQL Enhancements in Oracle Database 12c

Topic: Oracle Server Technology & DBA Topics & Oracle Security

Subject of Presentation 4

Edition-based redefinition: the key to online application upgrade

Topic: Oracle Server Technology & DBA Topics & Oracle Security

Mensah, Kuassi

Kuassi Mensah is Group Product Manager for Oracle Database Data Access services, Net Services, and database programming APIs (Java, C/C++, PHP, Ruby, Python, Perl). Mr Mensah holds a MS in Computer Sciences from the Programming Institute of University of Paris VI. He is is a frequent speaker at Oracle and IT events; has published several articles and a book @ http://www.amazon.com/exec/obidos/ASIN/1555583296. He maintains a blog @ http://db360.blogspot.com, and facebook, linkedin, and twitter http://twitter.com/kmensah pages.

Subject of Presentation 1

In-database MapReduce for DBAs and Developer using SQL and Hadoop

Topic: Oracle Server Technology & DBA Topics & Oracle Security, Data Warehousing, Business Intelligence, Java

To turn enterprise data (POS records, financial data, medical data, etc) into actionable intelligence using MapReduce patterns which cannot be easily implemented with SQL, you either ship it to external infras with operational, security & integrity issues or bring MapReduce to the RDBMS. In-Database Container for Hadoop allows implementing MapReduce patterns such as recommendation, clustering,

classification, similarity matching...

Subject of Presentation 2

Java performance, scalability, availability and security in Oracle Database 12c

Topic: Design & Development & Data Modeling, Oracle Server Technology & DBA Topics & Oracle Security, Java

How would your Java applications exploit the new multi-tenant architecture and pluggable databases? What is your connection pooling strategy for deploying Java applications with tens of thousands of concurrent users? How would you balance your workload and ensure high-availablity across multiple data centers around the world? This technical session discusses new Java capabilities in Oracle database 12c.

Moffatt, Robin

Robin Moffatt is a Principal Consultant and Trainer at Rittman Mead. He specializes in Exalytics and OBIEE, with particular interests in systems architecture, administration, and performance testing and optimization. As Principal Trainer at Rittman Mead he writes and delivers training material, as well as frequent consultancy work. He blogs frequently at http://www.rittmanmead.com/author/robin-moffatt/ and can be found tweeting grumpy geek thoughts as @rmoff.

Subject of Presentation 1

OBIEE and Performance - It's More Than Just Turning Caching On

Topic: Business Intelligence

Are you involved in the design and development of OBIEE systems and want to know the best way to go about ensuring good performance? Maybe you've an existing OBIEE system with performance "challenges" that you need to diagnose?

This presentation looks at the practical elements of identifying the causes of performance issues in OBIEE, and discusses good practices to observe when developing new systems

Subject of Presentation 2

Regression Testing OBIEE Without All the Fuss

Topic: Business Intelligence

Regression testing OBIEE often doesn't mean what people assume it to. Just because OBIEE is presented to users through a web browser that doesn't mean the regression testing has to take place there too. This presentation will demonstrate how you can efficiently and effectively test the bulk of changes made to your system without going anywhere near the front end.

With hands-on examples of the tools involved this will be a practical presentation giving anyone interested in the topic a headstart in practical implementation.

♠ Morle, James

James Morle is a specialist large-scale Oracle-based systems consultant with over 20 years of experience in IT consulting. His success is based on two key factors: deep domain expertise in the full Oracle stack (he speaks every language) together with huge credibility with senior IT and business leaders.
James is the founder of Scale Abilities Ltd, co-founder of the OakTable Network, and an Oracle ACE Director. He is the author of the critically acclaimed book Scaling Oracle8i and a co-author of Oracle Insights. His passion is on getting deep understanding of all the components in the stack, applying that knowledge in solving complex customer problems, and communicating findings in an honest, lucid and candid way.

Subject of Presentation 1

Not the Parrot Sketch: How Hadoop will redefine your career (whether you like it or not)

Subject of Presentation 2

Optimal Oracle Configuration for Efficient Table Scanning

Topic: Oracle Server Technology & DBA Topics & Oracle Security

The Oracle Database is festooned with different options for changing the way requests are issued for servicing read requests. Depending upon the specifics of your configuration, getting these options wrong can mean a difference in query execution times of 10x-100x. This presentation is based upon James Morle's three-part article series in the Oracle Scene magazine, and walks through the options in order of impact to build on the participants understanding of this part of the Oracle database software.

🔺 Nuijten, Alex

Alex Nuijten works as a senior 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.

Subject of Presentation 1

Use Cases for Virtual Columns

Topic: Design & Development & Data Modeling

The Oracle Database version 11g introduced a tiny, yet very exciting new feature: Virtual Columns. They can be used to declaratively add business rules such as "There can be at most one Clerk per department" or "Only records with the status Active can be used in the application".

In this session you will learn the syntax, as well as some use cases where virtual columns can be used.

Subject of Presentation 2

SQL Model Clause: A Gentle Introduction

Topic: Design & Development & Data Modeling

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.

♠Orhan, Gurcan

Awarded Oracle Excellence Awards, Technologist of the Year 2011 : Enterprise Architect as well as ACE Director for Business Intelligence expertise.
My role is Principal Data Warehouse Consultant at Global Maksimum Data & Information Technologies, primarily focused on Real-Time and Fast Data as well as data visualisation and data warehousing. I have been working with database systems since 1994. I developed my first data warehouse in 2003 with Oracle 6i. I have used almost all known DBMS systems, modelling, ETL and BI tools but experienced Oracle Data Integrator as a data integration tool. I'm one of the founder board member of TROUG (Turkish Oracle User Group) and Chairman of BI&DWH SIG.

References:
- Speaker at Oracle Open World since 2010 (the only Turkish guy who presented 4th in a row).
- ODTUG 2011 & 2013.
- UKOUG 2010.
- Various universities in Turkey.
for more information visit http://gurcanorhan.wordpress.com/about/

Subject of Presentation 1

How to handle DEV & TEST & PROD for ODI

Topic: Design & Development & Data Modeling

Most of us have development teams apart from test and operation teams using the different environments. And there are generally 3 different ODI installations and repositories which each of the teams use separately. Chaos is usually expected and happened who will test which development and what to deploy into production.

In this session hear how ODI can handle your development hierarchy with ease of usage and in simplified/synchronized way for successful deployments from an Oracle ACE Director on the stage.

Subject of Presentation 2

Oracle Data Integrator (ODI) Best Practices: Do You Know How Flexible ODI Is?

Topic: Design & Development & Data Modeling

Oracle Data Integrator (ODI) seems to be slow when it is installed out-of-the-box, since it has to comply with different versions of the databases and operating systems. The default installation is generally not the optimal choice. ODI is a flexible product that can be customized for specific requirements and to implement new features of the database or operating systems. Attendees will learn how to easily create a customized ODI environment. This presentation will demonstrate the flexibility of the Knowledge Module, configuration best practices and the best query response time tips and techniques. It will include information about how to load an extensive number of files quickly with a special algorithm, as well as how to define new customized data types, analytical and database functions, archiving ODI logs in

a timely fashion and using Oracle HINTS in a variabled and static way due to needs.

Puonti, Mikko

Mikko on tehnyt raportointia ja tietovarastoja usean vuoden ajan. Projekteissa on käytetty useita teknologioita ja ne ovat suuntautuneet teollisuuden valmistus- ja talousraportointiin.

Subject of Presentation

Tietovaraston mallintaminen data-analyysin kautta

Topic: Data Warehousing, Business Intelligence

Tietovarastoissa törmätään virheisiin ETL-latauksissa. Jotkin virheistä on teknisiä, mutta suurin osa on datan laatuun liittyviä. Tietovaraston toteutuksessa on oletettu tiedon laadun olevan riittävän hyvää, mutta ylläpidossa törmätään erilaisiin ongelmiin. Mikäli tämä kuulostaa tutulle, tule kuuntelemaan miten voit ennalta varautua tuleviin virheisiin ja korjata ne ennen kuin ne ovat tuotantokäytössä.

♠Rost, Björn

Bjoern is an ACE Director and the co-founder of portrix Systems, a service provider and consulting company focused on Oracle Technology, including servers, storage, and Solaris to Real Application Cluster databases, and desktop virtualization. He enjoys working with software developers to tightly integrate with existing Oracle features. He is passionate about sharing knowledge, and has enjoyed speaking at several conferences and user group meetings, including Oracle OpenWorld, UKOUG, Collaborate, and DOAG. He also serves as the European chair of IOUG's RAC special interest group. Humppa fan..

Subject of Presentation 1

Tackling Time troubles - how Oracle implements datetime data types

Topic: Design & Development & Data Modeling , Oracle Server Technology & DBA Topics & Oracle Security

Dealing with time related data can be more complicated than what one might expect at first thought. Leap years, time zones and daylight saving time switches can cause confusion and lead to runtime errors or poorly performing SQL code. We will look at some major pitfalls that should be avoided and discusses best practices when dealing with time data.

Subject of Presentation 2

The Ins and Outs of Flashback Data archives

Topic: Design & Development & Data Modeling , Oracle Server Technology & DBA Topics & Oracle Security

Learn how you can use Oracle Total Recall to easily access historical data in your applications. This presentation starts with a basic overview of Total Recall and Flashback functionalities and how developers and ISVs can use it in their applications, including an introduction to the basic syntax of Flashback queries.

♠ Scott, Peter

Peter Scott is an expert level BI and DW specialist working with Rittman Mead. He has been using Oracle since 7.3 days and has lead teams delivering terabyte scale data warehouses since the late 1900's.
He mainly works in ETL and data warehouse performance and has a background in IT services management. When not working with Rittman Mead customers he writes for the company blog and presents at conferences in Europe and North America.

Subject of Presentation

Scripting Oracle Data Integrator

Topic: Oracle Server Technology & DBA Topics & Oracle Security

Oracle Data Integrator, ODI, is a powerful tool for developing and delivering enterprise quality data integration projects in Data Warehousing and SOA environments. Most developers work with the ODI Studio Client application without looking at the power of using the ODI SDK APIs. This talk looks at some of the possible uses of Groovy Scripts both to reduce development time.

♠ Senegacnik, Joze

Jože Senegacnik has more than 25 years of experience in working with Oracle products. He began in 1988 with Oracle Database version 4. Joze is an internationally recognized speaker, and a member of the highly respected OakTable Network. He was awarded Oracle ACE and Oracle ACE Director membership for his long record of positive contributions to the Oracle community.

Subject of Presentation

Utilizing new CBO features after upgrade to Oracle 12c – Practical example

Topic: Oracle Server Technology & DBA Topics & Oracle Security

This session is a practical guide what one can expect from the CBO after upgrade to Oracle12c. Some databases are prone to unpredictable behavior and strange execution plan performance degradations. New features in 12c CBO are intended to resolve the majority of such problems. Based on actual experience with such database we discuss what kind of problems were resolved and how successfully they were resolved.

Sjökvist, Ann

Ann Sjökvist have been working within IT since 1985

Since January 2014 she is working as a COO at Miracle Finland Oy, and are responsible for the Turku Office. She also acts as a DBA.

She is both a Swedish & Finnish citizen.

- Working with IT since 1985
- Roles over the years: Programmer, system analyst and specialist, Product specialist, Test Manager, Integration specialist, Oracle Certified Specialist, Production Manager, COO & Region Director & DBA

- IT Passion: Oracle SE and its opportunities as a starting point for small businesses
- Life Motto: Everything is possible, the thing is to find a good solution
- Technologies over the years: IAS, c-language, Pascal, Cobol, HPUX, SCO-Unix, Linux, Windows, Oracle Forms & Reports, Apache, Tomcat, Jboss, OC4J, Weblogic11, Weblogic12c, Oracle7-Oracle11g, Windows ISV Test Framework, PMBOK, ITIL
- Certifications: Oracle11g OCA, Oracle11g OCP, Oracle SQL Certified Expert, Oracle11g Certified Implementation Specialist, Oracle Weblogic Server 12c PreSales, Oracle11g PreSales Specialist, Oracle11g Sales Specialist, Oracle11g Performance&Tuning PreSales Specialist, Oracle11g Performance&Tuning Sales specialist, Oracle12c Performance&Tuning Sales specialist, and ITIL Foundation 2011

The journey with Oracle12c started in autumn 2013.

Subject of Presentation

Oracle12c: something for a standard edition DBA

Topic: Oracle Server Technology & DBA Topics & Oracle Security

pdb, statspack usage in a SE environment – Is it possible?

Oracle12c SE – License give you one pdb. How can it be beneficial for a SE DBA?

Oracle12c SE and Statspack – is it possible to install and use?

Oracle Standard Edition – For Zero to Hero - RoundTable

♣ Tierney, Brendan

Brendan is an Oracle ACE Director, independent consultant and lectures on Data Mining and Advanced Databases in DIT in Ireland at Oralytics.com

Brendan has extensive experience working in the areas of Analytics, Data Mining, Data Warehousing, Data Architecture and Database Design for over 20 years. He has worked on projects in Ireland, UK, Belgium and USA.

He started working with the Oracle 5 Database, Forms 2.3 and ReportWriter 1.1, and has worked with all versions since then.

Brendan is the deputy editor of the UKOUG Oracle Scene magazine and is the deputy chair of the OUG Ireland BI SIG. Brendan is a regular presenter at conferences in Ireland, UK, Norway, Brazil and USA, including Oracle Open World.

Subject of Presentation 1

Sentiment Analysis using Oracle Advanced Analytics

Topic: Business Intelligence/Social Network Industry

How can companies know what the wider world thinks of their products or services?

You can use Oracle Advanced Analytics to analyse customer comments, product reviews, forum posts, etc. to work out what their customers are thinking.

From this we can tell if the customer Sentiment is increasing or decreasing.

In this presentation a live demonstration will be given showing how you can build a Sentiment Classification model of product reviews using the Oracle Advanced Analytics.

We will also show how the Sentiment Classification model can be integrated into you OBIEE Dashboards, applications and websites to improve the customer experience

Subject of Presentation 2

Combining the Power of R and in-Database Data Mining: Runing R in the Database. Seriously!

Topic: Design & Development & Data Modeling, Data Warehousing, Business Intelligence

R is a very powerful programming language that allows use to perform all sorts of statistical and advanced analytics on your data. But can we use R in the Database? How can we do this? How is it different to the Advanced Analytics Option? Can we combine the power of R and the in-database Data Mining feature?

This presentation will look at each of these questions and will give a live demonstrations to illustrate the answers. At the end of the presentation you will know how to use R on your data, how to integrate R with your Data Mining processes, how to embed R in your database and how to use the embedded R to perform advanced analytics on your data. The presentation will conclude with example of how to include in-database R code in OBIEE.

Wood, Graham

Graham Wood is an architect in Oracle database development based in Redwood Shores. He has over 25 years of experience working on performance with some of the largest Oracle customers.
He is the architect of Statspack, AWR, ASH and ADDM.

Subject of Presentation 1

The Changing Performance Landscape

Topic: Oracle Server Technology & DBA Topics & Oracle Security

In recent years the performance that systems are capable of has increased significantly and there are more giant steps to come. Will you resist or ignore these changes or embrace the opportunities and reap the benefits?

Subject of Presentation 2

Middleware database abuse

Topic: Oracle Server Technology & DBA Topics & Oracle Security

The way that a system is architected obviously affects the way that it will perform. In these days of multi-tier system architectures the interfaces between those tiers and the approaches and philosophies adopted in development by the different tiers can have a huge effect on the way that a solution works in the end. This session explores some middleware approaches and what results you can be expect.