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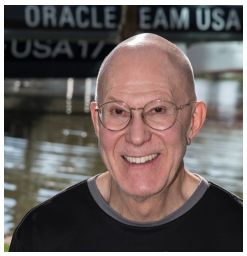
About the speaker: DBA with 15+ years' experience of supporting information systems based on Oracle products and technologies. Oracle Database OCP/OCE, Oracle AS/WebLogic OCP, IBM DB2 Certified Database Administrator.

Subject: Shrinking the database – all you should know to make your database smaller.

Abstract: This session is based on experience of using several Oracle Database features, best practices and untypical homemade solutions to make database size as small as possible. I will show how good initial design habits can help make the database compact. As well as what techniques and technologies can be employed to reorganize database (or just some tablespaces of segments) when it becomes too large. Special hints to identify what segments are growing too fast and why.



Bryn Llewellyn
Distinguished Product Manager
Database Server Technologies Division
Oracle HQ

About the speaker: Bryn Llewellyn has worked in the software field for more than thirty-five years. He joined Oracle UK in 1990 at the European Development Center to work on 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 became responsible, additionally, for edition-based redefinition (EBR for short). This is the Oracle Database capability that supports online application upgrade. 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 in a startup. In Norway, Bryn programmed in Simula (its inventors were his close colleagues). This language is recognized as the first object-oriented programming language and was the inspiration for Smalltalk and C++. Bryn is an Oak Table member.

Subject: Edition-based redefinition: the key to online application upgrade

Abstract: Large, mission-critical applications built on Oracle Database are often unavailable for tens of hours while the application's database objects are patched or upgraded. It's hard to imagine worse performance than this! Oracle Database has a unique capability that allows upgrade scripts to be written so that availability is, quite literally, uninterrupted. The capability is called edition-based redefinition—EBR for short. It was introduced by Version 11.2, and both 12.1 and 12.2 bring significant enhancements. The capability depends on three dedicated object types. Code changes are installed in the privacy of a new edition. An editioning view exposes a different projection of a table into each edition to allow each to see just its own columns, allowing data changes to be made safely by writing only to new columns or new tables not seen by the old edition. A crossedition trigger propagates data changes made by the old edition into the new edition's columns, and vice-versa. Existing sessions can therefore continue to use the pre-upgrade application, in the old edition, until their users decide to finish; and, at the same time, new sessions can use the post-upgrade application, in the new edition. When no sessions are any longer using the old edition, it can be retired. The application as a whole therefore enjoys hot rollover from the pre- to the post-upgrade version. The solutions for other high-availability sub-goals are implemented by the administrators of installed production systems, without the involvement of developers. But it's developers who implement EBR – both in a one-time readying technical upgrade to the application's database backend; and then, for each online patch and upgrade. Developers have always been responsible for writing application upgrade scripts. Now

they write these in a new way specially to use the EBR approach. This session explains how it all works.

Subject: What's New in PL/SQL and EBR in Oracle Database 12c Release 2

Abstract: Oracle Database 12*c* Release 2 brings important improvements to the PL/SQL language, to the tools that support it, and to edition-based redefinition. Here are some examples. A PL/SQL static expression can be used where before a literal value was required. Built-in functions support the conversion of a PL/SQL variable to its JSON representation, and vice versa. A brand new code coverage tool helps developers prove that their tests are thorough. PL/Scope reports the identifiers used in static SQL and whether it selects, inserts, updates, or deletes. One session can request that another connects to the GUI debugger, and ad hoc SQL is allowed when halted at a breakpoint. The ease of use of EBR is improved. This session explains it all.

Speaker: Elise Valin-Raki
Ratkaisupäällikkö
FENNIA

About the speaker:

Subject: Valitakko fyysinen EXADATA vai EXADATA pilvestä?

Abstract: Kumpi on parempi, edullisempi, helpompi fyysinen EXADATA vai Pilvi ratkaisu. Tilanteessa, missä olemassa olevat EXADATAt ovat ikääntymässä, ja hype houkuttelee /painostaa valitsemaan Pilven ja olemaan näin ajan hermolla. Mitkä asiat vaakakupissa painaa fyysiseen Exaan ja mitkä puoltavat pilvi vaihtoehtoa. Esitys kertoo asiakkaan näkökulmasta päätöksen haasteista, viranomaisten antamista vaatimuksista ja asiakkaan kokemuksista nykyisestä EXADATAsta.

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CTO
FlashGrid Inc.

Before co-founding FlashGrid, Artem was solutions architect, PCIe flash storage, for Oracle Clusters at HGST (through Virident acquisition) during four years and, before that, at Intel for 7 years with the position of technical marketing/applications engineer, servers/storage/SSD.

Emil Sildos
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VP Business Development
FlashGrid Inc.

Emil is a business development professional with deep understanding of technology for enterprise data protection and HA mission-critical infrastructure, on-prem and cloud.

Subject: Oracle RAC in the Cloud: Options, Challenges, Solutions

Abstract: Oracle Real Application Cluster (Oracle RAC) offers high-availability and scaling for mission-critical databases on commodity servers. However, it relies on shared highly-available storage and advanced network capabilities, such as multicast. This creates new challenges with migration to the cloud. In this session we will explore architectures and techniques for solving these challenges, including virtual network overlay for multicast, Oracle ASM capabilities for storage HA, and FlashGrid software for sharing “local” storage.

Speaker: Eugen Iacob

About the speaker: DBA at Masstech, Romania

Subject: Oracle Text performance distilled

Abstract: Last year I have presented at OUGF and DOAG how Oracle Text internal structures are designed and what is the impact of having this index on commit and / or transactional. This year I have start working to a presentation about Oracle Text performance in numbers by stressing the dataset with various patterns (combination of query and insert/update/delete) and measuring the performance and health of the index. I try to keep the difficulty of the presentation more medium than advanced. Other highlights will be:
- how a large dataset can be indexed in parallel fast
- what is the cost of extracting the text content from binary format
- performance of a combined query in a parent
- child relationship and what we can / cannot do to improve it
- performance of using the regex feature as stop-word rule
- structured data can live with the text document and how can we avoid the penalty of update it without reindexing the text content
- what does mean near real-time feature and its performance

Frits Hoogland
Principal Consultant
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About the speaker: Frits Hoogland is an IT professional specializing in Oracle database performance and internals. Frits frequently presents on Oracle technical topics at conferences around the world. In 2009 he received an Oracle ACE award from the Oracle Technology Network and a year later became an Oracle ACE Director. In 2010 he joined the OakTable Network. In addition to developing his Oracle expertise, Frits works with modern operating systems. Frits currently works at the Accenture Enkitec group.

Subject: About multiblock reads
Abstract: This presentation is about how the Oracle database implements multiblock reads on Linux systems. Whilst this may look like a simple and easy to understand topic (the system fetches multiple blocks conforming db_file_multiblock_read_count blocks instead of one, right?), in reality it isn't. The description of the former line is mostly true for version 10 non-PQ multiblock reads, but with Oracle version 11 it has changed. Oracle silently introduced true asynchronous reads with version 11, called 'adaptive direct path reads', which happen under specific circumstances. This session outlines these circumstances. One of the most eye-catching features is reading blocks to the PGA, which makes the reads non-shared, which is different from the traditional reading to buffer cache/SGA. With exadata, this gets even more important, because a smart scan is only possible when 'adaptive direct path reads' are chosen by the database first.

Subject: Deep dive into the memory usage of the Oracle database
Abstract: This session is an in-depth look into the memory usage of the Oracle database. Proper use of operating system memory facilities is key for performance on the Oracle Exadata platform, but not limited to that. At Enkitec we have seen a lot of incorrectly configured memory settings on both the operating system layer and the database, sometimes with drastic performance implications as a result. Understanding how the database manages memory becomes even more important with database consolidation, which is regularly seen on Exadata.
The session details the memory settings of the operating system layer (Linux, as used on Exadata). It also explains the differences of the database private and shared memory areas, and the different memory models of the Oracle database (AMM, ASMM, manual).
Everything is presented with clear method of diagnosis, which can be reused by the attendee.

Speaker: Gianni Ceresa
Managing Director
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About the speaker: Gianni Ceresa is an OBIEE enthusiast more widely interested in BI/DW/EPM solutions with a special focus on Oracle products and solutions. Currently working for DATAlysis, his own consulting company in Switzerland, he was a Principal Consultant at Rittman Mead for more than three years, covering positions such as architect, analyst, team lead and developer, bridging together the business and the technical side of the BI world. Gianni previously has had four years of experience in EPM/BI with Hyperion/Oracle products for consultancy companies and before that explored all the possible aspects of web development during five years in multiple roles from Developer to CTO through Project Manager. His other activities include OBIEE training delivery, R&D and supporting the Oracle community on the OTN forums.

Subject: OBIEE DevOps with Containers: How and Why

Abstract: Provisioning developers' sandboxes or regression testings and continuous integration in OBIEE,
some common DevOps tasks which often take time and resources. Containers technology provides a quick and flexible answer to these growing needs and as opposed to virtual machines require less resources (storage and memory). You will learn about containers (Docker) and how OBIEE can fit into it and be managed easily to fulfil these common tasks. Having nightmares thinking at your next upgrade or patch? OBIEE in a container can be a solution for having sweet dreams every night. Works both on prem and cloud (OCCS or others).

Speaker: Ronald Grant

About the speaker:

Subject: Building Mobile Apps the simple way - with no code

Abstract: Mobile applications have become a bit of buzz. Businesses want them, but someone in IT has to build them and in many cases that means new skills, multi-platform development effort and the maintenance and management headache of 3rd party platform SDKs such as Android Studio and XCode. But what if mobile development was as simple as assembling data aware pages. No code, no IDE, no installation, no mobile platform skills. This presentation shows how mobile development has discovered a new option: the simple way

Subject: Rise of the Bots. Intelligent Chatbots for the Enterprise

Abstract: GREETINGS PROFESSOR FALKEN" is the opening in a conversation between computer "Joshua" and its inventor, Dr. Stephen Falken, in the movie "War Games", released in 1983. In the movie, artificial intelligence is used to enable man to machine conversation. Only a bit more than 30 years later, conversational interfaces are becoming reality in mobile computing, ready to be the next big thing in consumer and enterprise mobile application development.

Subject: Oracle Forms Digital Transformation? We did it...so can You!

Abstract: Back-office? Is there still such a thing? Mobile isn't just a "nice to have" – it's the expectation of a generation of employees and customers. So is your Oracle Forms system keeping up? Your legacy systems contain vital information that drives your company's business decisions making sure that information is available to the people who need it – at any location, any time and on any device. This should be IT's number one priority. In this session, we will discuss how you can modernize your existing Forms applications to mobile WITHOUT redevelopment, and without writing a single line of code.. We will then go through a customer's case study on how their Oracle Forms system was elevated to mobile whilst the existing Forms application ran in parallel completely untouched. This session is for anyone who wants to begin their mobile journey but does not know how to begin.

Gurcan Orhan

About the speaker: Working as Enterprise DataWareHouse Architect at Ekol Logistics Corporation. Awarded Oracle Excellence Awards, Technologist of the Year 2011 : Enterprise Architect as well as ACE Director for Business Intelligence expertise. Experienced mostly on data warehouse architecture and ETL/ELT development. He has been working with database systems since 1994 and developed his first data warehouse in 2003 with Oracle 6i. He has used almost well known DBMS systems, modelling, ETL and BI tools, but experienced mainly on Oracle Data Integrator as a data integration tool. He's one of the board member of TROUG (Turkish Oracle User Group) and Chairman of BI&DWH SIG as well as having membership in various Oracle User Groups worldwide.

Membership in OUG : TROUG, ODTUG, UKOUG, LAOUC, OUGIre, NYOUG, OUGN, OUGN, BGOUG, AIOUG

Subject: How to handle DEV&TEST&PROD in the Cloud for ODI

Abstract: Most of us have development teams apart from test and operation teams using the different repository environments, especially when it comes to cloud environment. And there are generally many 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. And mostly wrong developments go to the production.
In this session hear how ODI can handle your development hierarchy with ease of usage and in simplified/synchronized way for successful deployments.
A simple project will be built up and will be enlarged to enterprise level step by step.

Subject: Is Data Warehousing dying?

Abstract: Because of the misunderstanding of Big Data concept, fast output needs, budgeting issues and management failures, companies are now redirected from building up data warehouses to Operational Data Store based analytical reporting. In this session, hear the basic concepts and advantages of implementing a data warehouse system as well as methods to restructure methods and algorithms to current data warehouses and how to implement Data Warehouses in the era of Cloud.

Heikki Simperi
Project Manager
Solita

About the speaker: Heikki has been software developer, system admin, project manager, service manager etc. for the past 20 years. The last 10 years he has worked for Solita Ltd in Tampere Office. For few five years, he has been developing mission critical platform and multiple systems for the railway department of the Finnish Transport Agency.

Subject: Dockerized Oracle Database development environment with Ansible automation

Abstract: It was again time to renew the database environment for our 40 railway system developers. We wanted to have reproducible and fully automated configuration and installation to top of minimal OS installation. Also, we wanted to have clean host filesystem, full sand box features, to be able to run multiple oracle database with different binaries etc. on same host easily, cleanly. On other hand, we had small project on Amazon AWS with similar requirements. For both we decided to give change for Oracle Virtualization, Ansible automatization and Docker platform to install and run Oracle Database EE and SE versions.

Looking for scripts? Want to try yourself? The guide and Ansible automation code repository will be published for the audience at the end of the presentation.

Speaker: Ilmar Kerm

About the speaker: Ilmar has worked with Oracle Databases since 2005, starting out with Oracle 9i. Last 9 years he has been working with one of the largest online gambling providers in Europe, Unibet, as a Senior Database administrator, where he manages both busy transactional databases and large data warehouse daily. Previously he has been both in DBA and developer roles in medical and IT consulting industries. Although living in Stockholm, he is also the president for Oracle user Group Estonia.

Subject: Implementing incremental forever strategy for Oracle database backups

Abstract: When databases get ever larger and larger, backing them up using traditional RMAN backupsets will quickly get unfeasible. Completing a backup requires too much time and resources, but more importantly the same also applies to restores. RMAN has always provided a solution as incrementally updated image copies, but they are much less manageable than backupsets. This presentation goes into detail on how to successfully implement incremental-forever database backup strategy together with a capable storage system like ZFS Storage Appliance, and on how to build more advanced features on top that platform, like automation and cloning.

From this presentation attendees will gain knowledge on how to maximise their investment on Oracle ZFS Storage Appliance by utilising its features for backing up and restoring multi-terabyte databases.

Julian Dontcheff

About the speaker: Julian Dontcheff is the Global Database Lead of Accenture and has more than 25 years of database experience. He is the first Oracle Certified Master in Europe (back in 2002) and he is also an Oracle ACE Director.

Subject: 45 most useful new DBA commands in Oracle 12.2

Abstract: As beta tester of 12cR2, I was trying to list and isolate the most interesting and rather important new features of the release from DBA point of view. This presentation will cover the most important 45 new features along with a command representing the feature in 45 slides

Speaker: Lauri Pietarinen

About the speaker: Lauri Pietarinen has worked with databases for nearly 30 years, as a programmer, database designer, performance specialist and instructor.

Subject: Relations - What the #&%@?

Abstract: We talk about "Relational Databases" but seldom stop to ponder what that term really means. Is SQL relational? What are relations anyway? These and many other profound questions are discussed in this presentation

Speaker: Mike Dietrich

About the speaker:

Subject: Upgrade to Oracle Database 12.2 - Live and Uncensored

Abstract:

Subject: 100TB Migrations - Keep the Downtime low

Speaker: Mikko Puonti

About the speaker:

Subject: Yhteistyö devaajan ja DBA:n kanssa, case Fennia

Abstract: Haluan kertoa miten projektimme käytännöt ovat sovitut kannan ylläpitäjien ja kehittäjien kesken. Molemmilla on omat lähtökohdat, sovittamalla molempien tahtotilat yhteen, voidaan saavuttaa jotain hienosti toimivaa. Meillä on osoitus siitä, miten 2 tunnissa on onnistuttu viemään hallitun katselointikäytännön mukaisesti asioita tuotantoon.

Subject: Towards Agile Enterprise Data Warehousing

Abstract: Traditional business intelligence and data warehouse projects are very much sequential in nature. The process starts with data preparation and continues with the reporting needed by business measurements. This is somewhat similar to the waterfall model of software development and also shares some of its problems: the work is done in serial manner and the reaction time for possible design changes is often long. Agile principles are not well supported by the traditional serial workflow. By making the data preparation and reporting tasks parallel, it is possible to gain several advantages, such as shorter lead time and shorter feedback cycle. The solution proposed in this paper is based on enriched conceptual model that enables the business intelligence implementation process of different teams to change from serial to parallel workflow.

Patrick Barel
Senior Oracle Developer
AMIS

About the speaker: Patrick Barel is a PL/SQL Developer for AMIS Services in the Netherlands. Besides working with SQL and PL/SQL did he co-develop CodeGen and wrote different plug-ins for PL/SQL Developer. He publishes articles on the AMIS Technology blog and on his own blog. In 2015 he received the Oracle Developer Choice Award in the PL/SQL Category.

Subject: Increase your programming confidence by using Unit Tests

Summary: Everybody knows how important testing is, but hardly any developer writes repeatable tests. Sure we create and run some ad-hoc tests to make sure our code works, but this is hardly repeatable. This session will show you how Unit Testing can help your developers getting more productive and more confident about their results

Abstract: When we create our programs, just getting it to compile is not enough. We want to test if our code does what it is supposed to do. But testing over and over again is time consuming and mostly boring process. You don't want to run the same tests over and over again. It worked before, so it will work now, or won't it? This should be an automated process which you can start whenever you want, even when you're not present. There are multiple unit testing frameworks and tools available to do this job for you. This session will show a couple of them and will show an in depth analysis of utPLSQL and SQL Developer. Although very different in approach then can both be useful in your development process. We'll discuss the structure of unit testing: - Setup - Run - Validate - Teardown Then we'll demonstrate the two products. On the one hand we will see how easy it is to setup utPLSQL and start using it, but also the technical, programmatic, approach that suites developers. On the other hand there is SQL Developer with a more declarative approach to describe and run your tests. We will also see how this can be integrated in a Continuous Delivery method with automated testing. When you are using a unit testing framework then you can be confident you are done programming and your program is working correctly.

Rene Antunez
http://rene-ace.com/

About the speaker: Currently I am an Oracle ACE ; Speaker at Oracle Open World, Oracle Developers Day, OTN Tour Latin America and APAC region and IOUG Collaborate ; Co-President of ORAMEX (Mexico Oracle User Group), Web Events Chair for IOUG Cloud Computing Special Interest Group (SIG) and International Chair for the RAC SIG; At the moment I am an Oracle DBA at PythianFormerly I worked for Oracle as a Cloud Solution Architect in which it involved in many challenging projects including, Exadata, ODA and EM 12c implementation, as well as upgrade projects specialising in backup strategy and high availability solutions.Previous to that I was an IT lead consultant stationed in Beijing for General Electric in its PeopleSoft strategy, with a 2 years of project management and 6 years of Oracle DBA experience in backup,recovery and SQL tuning.In these roles, I have led the implementation of RMAN to help reduce space costs by 55 percent and reducing the mean time to recover by 35 percent.As a team manager I lead the CIS Peoplesoft team through the process of upgrading more than 90+ DB's from 10.2.0.4 to 11.2.0.2I have also provided coaching and mentoring of Softtek's DBA internal academy in Aguascalientes,Mexico and Business Analysis course in Wuxi, CN.In my free time I like to say that I'm Movie Fanatic, Music Lover and bringing the best from México (Mexihtli) to the rest of the world and in the process photographing it.

Subject: RMAN 12.2 What is new and what is Old

Abstract:

Robert P. Lockard
http://www.oraclewizard.com

About the speaker: Rob is an Oracle Database administrator, designer, developer, and project manager. For the past twenty years, Rob has specialized in Financial Intelligence, including tracking of money laundering, terrorist money and identity theft, along with Cyber Crimes tracking attacks on information systems. Within this focus, Rob evaluates, designs, and secures Oracle Database environment from threats both external and internal. Rob has long prioritized sharing his expertise in secure design with the user community, with presentations at conferences such as ODTUG's Kscope, blogging and webcasts. Rob enjoys flying vintage aircraft, racing sailboats, photography, and technical diving. He owns and flies the “Spirit of Baltimore Hon,” a restored 1948 Ryan Navion, and lives in Glen Burnie Maryland on Marley Creek.

Subject: PL/SQL Secure Design and Coding Practices

Abstract: PL/SQL Secure Coding Practices focuses on the design and development of a secure architecture to mitigate from SQL Injection attacks. This architecture uses multiple schemas secure a trusted path to the data.

Learning Objectives
- How through sql injection, all of your source code can be extracted from the database if you are using pl/sql procedures and functions; however if you are using packages, the only thing that can be extracted is the package specification.
- Usage of an application schema that processes business logic.
- Usage of an api schema that handles all DML.
- Usage of a data schema that stores all data.

Speaker: Ron Ekins

About the speaker: Ron is a certified Enterprise Architect with 20+ years Oracle experience in development, database administration and the architecture of large IS solutions. Ron is an Oracle ACE and active member of the Oracle community, regular presenter at various industry conferences including Oracle World, UKOUG, and DOAG, and co-chair of the UKOUG Database Server SIG committee

Subject: Getting started with Ansible and Oracle
Abstract: In this presentation we will introduce Ansible and explore how it can be used to provide DevOps teams the ability to clone and refresh Oracle databases

Subject: Flash (a-ah) Saviour of my database
Abstract: In this presentation, we will look at Flash technology and show how it is changing and simplifying the way databases are managed. We will share how Flash based storage is being used to enable DevOPS teams and why every DBA should want Flash.

Speaker: Tessa Viitanen

About the speaker:

Subject: Who is scared of EU GDPR Boogie-man? EU GDPR Tips and Tricks in brief

Abstract: Companies are struggling to implement the EU GDPR requirements and the deadline is in May 2018. However, the most important thing is to close the GAP's between the strategic, tactical and operational levels to make it all happen. Does your company know where and what data do you have? Has your company already selected security frameworks to tackle the security? Did you know that the service provider is not responsible of how you process your company data? Or the weakest links when processing the data? What kind of data did you log in your systems? Oops, was there a social security number and is a log a place for register? Can you estimate what administrative fines you might encounter and what happens in prior to the fines? How many levels of fines there are? Have you considered the WCS in Business Continuity Plan in perspective, if you encounter ban, Article 58, f? What can your programmers and tech wizards do to help you? Do you already know the risk sum of administrative fines and the content? How about the EU certification mechanisms? How about the continuity in service operations? How to avoid technical debt in overall?

Speaker: Timo Raitalaakso

About the speaker: Työskennellyt Solitalla Oracle tietokantoja käyttävissä projekteissa vuodesta 2001. Tätä ennen Tampereen teknillisellä korkeakoululla ohjelmisto arkkitehtuurin ja tietokantojen kursseilla assistenttina. Blogi http://rafudb.blogspot.fi Twitter: @timoraitalaakso

Subject: Suoritussuunnitelmien tulkinnasta SQL refaktorointiin

Abstract: SQL lauseitten kirjoittaminen ohjaa optimoijaa erilaisille saantipoluille. Tässä esityksessä tulkitaan optimoijan päättämiä saantipolkuja ja pohditaan miten kyselyitten kirjoittaminen vaikuttaa suorituskykyyn. Ongelmat esitetään esimerkkien kautta. Toisille yli sekuntti on liikaa toisille seitsemän tuntia riittää. Samat tekniikat toimivat molempiin. Miten saat satojen miljoonien rivien taulujen päälle suorituskykyisiä oltp kyselyitä? Onko merge join aina pahuutta? Toisaalta käsitellään tietovarastoinnissa käytetyn Data Vault mallinnuksen bridge muodostusta. Mitä suorituskykyongelmia useamman linkin liittäminen saatta tuottaa bridge populoinnissa?

Speaker: Timur Akhmadeev

About the speaker: Timur has started his career as a Java and Oracle developer. After few years he worked as a Performance Engineer and then Performance Architect for the most of his career, helping customers to achieve their performance requirements with enterprise applications. Now Timur is a Database Consultant with Pythian and helps Pythian clients to get stability and performance with their Databases and Middleware. He blogs irregularly at http://timurakhmadeev.wordpress.com, @tmmdv and http://www.pythian.com/blog/author/akhmadeev. He is an OakTable member since 2010.

Subject: Typical Issues with Middleware

Abstract: The session will cover most common issues observed in Middleware implementation projects which result in suboptimal system performance and inefficient resource usage by applications. Around 50% of the presentation is focused on applications running in a Java powered Application Server such as Oracle WebLogic, 30% on the Oracle Database, and the remaining part raises issues with capacity planning and troubleshooting.

Speaker: Toon Koppelaars

About the speaker:

Subject: The Database: Persistence Layer or Processing Engine?

Abstract: We have many years of extensive hands-on experience of building, and tuning, applications that use Oracle Database. We have seen two mutually incompatible architecture paradigms. The thick database paradigm, preferred in the 1990s, starts with the design of the relational model. This leads naturally to the encapsulation of all insert, update, delete, and select statements within PL/SQL subprograms that expose the database interface. The NoPlsql paradigm, which seems now to be the preferred choice, starts with an object oriented domain model in the middle tier, and leads naturally to treating the database as a bag of tables, letting the primitive SQL statements that manipulate these express the API.