



Autumn 2010 Conference
Pravets, November 19th – 21st 2010

Sessions and Speakers

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Tom Kyte, Senior Technical Architect, Oracle, What's New in Oracle Database Application Development?

What's New in Oracle Database Application Development?

Tom Kyte, Senior Technical Architect, Oracle Corp.

Conference session,  ORA, All levels

Abstract:

Tom Kyte takes a look at the new capabilities in the standard set of Oracle Database development tools, from Oracle SQL Developer to Oracle Application Express to Oracle Data Provider for .NET and PHP (among others). He also gives a general overview of what's been done in the last year of tools development.



Speaker:

Tom Kyte is a Senior Technical Architect in Oracle's Server Technology Division. Before starting at Oracle, Kyte worked as a systems integrator building large-scale, heterogeneous databases and applications, mostly for military and government customers. Kyte spends a great deal of time working with the Oracle database and, more specifically, working with people who are working with the Oracle database. In addition, Kyte is the Tom behind the AskTom column in Oracle Magazine, answering people's questions about the Oracle database and its tools (<http://asktom.oracle.com/>). Kyte is also the author of Expert Oracle Database Architecture (Apress, 2005), Expert One on One Oracle (Wrox Press, 2001/Apress 2004), Beginning Oracle Programming (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.

Julian Dontcheff, OCM, Oracle ACE, Senior Manager, NOKIA Corp., Live application upgrades using Edition-Based Redefinition

Live application upgrades using Edition-Based Redefinition,

Julian Dontcheff, OCM, Oracle ACE, Senior Manager, NOKIA Corp.

Conference session,  ORA, All levels

Abstract:

For some HA means only that the application should run in the event of unplanned hardware failure. However, it should also mean that the application is available during planned changes to the software. But doing software upgrades without taking downtime has been always tricky. In Oracle Database 11g Release2, there are a new revolutionary capabilities that might solve the problem. I will show, how in Nokia, this new technology is used to achieve online application upgrades.



Speaker:

First Oracle Certified Master in Europe, more than 20 years of database experience

Joze Senegacnik, Oracle ACE Director, <http://www.dbprof.com/>, Improve the Performance of SQLs by Using Constraints

Improve the Performance of SQLs by Using Constraints,

Jože Senegačnik, Oracle ACE, Private researcher, DB Prof

Conference session, Discussion, , ORA, All levels

Abstract:

Many developers and DBA's believe that the defined constraints on tables will slow down the execution of DML SQL statements and therefore should be avoided. If this belief is partly true for INSERTS and UPDATES is far from being true for SELECT statements. In reality the constraint definition is beside the object statistics the main source of information for Cost Based Optimizer (CBO) when preparing optimal execution plans. The presentation will cover some of the most important cases where constraints are crucial for preparation of optimal execution plans.



Speaker:

Jože Senegacnik has more than 22 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.

Uroš Majcen, Tech Manager, MRI INFORMATIKA, Quest Software Distributor, New ways of Monitoring Enterprise Applications with Quest Solutions

New ways of Monitoring Enterprise Applications with Quest Solutions,

Uroš Majcen, Tech Manager, MRI INFORMATIKA, Quest Software Distributor

Conference session,  DBA, All levels

Abstract:

Without adequate monitoring there is no real performance optimization. In today's reality monitoring enterprise applications present a challenge due to complexity, increase demand and different principles of monitoring. Even if we apply pareto principle there is always a question of which 20 percent. Presentation will show challenges, different types of monitoring enterprise applications, new generation of monitoring moving from "silo" type to user experience. At the end we will touch some of the possible solutions from Quest Software.



Speaker:

For the past 16 years I am working in the field of enterprise monitoring, application and database tuning, performance optimization. Since 2001 I am actively involved with Quest Software solutions performing installations, integrations, training, education and consultation across the region.

Deyan Barganski, OCM, Senior Oracle Database Administrator, Oracle Data Reorganization? Think Twice, Cut once!

Oracle Data Reorganization? Think Twice, Cut once!

Deyan Barganski, OCM, Senior Oracle Database Administrator, Natek Bulgaria

Conference session,  , DBA, All levels

Abstract:

Number of factors may affect database performance like data fragmentation and inefficient space utilization. Optimizing the physical data structure is usually referred as viable option but is it always needed?

The presentation aims to demonstrate the most typical scenarios for performing data reorganization, how can be estimated the potential benefit and what are the possible drawbacks.

Speaker:



Deyan Barganski is Senior IT Consultant at Natek Bulgaria LLC and has more than 9 years of Oracle Database administration experience. His interests are Oracle Database, Operating Systems and Virtualization Platforms. He is an Oracle 10g/11g Certified Master and Oracle 9i Certified Professional.

Owen Hughes, Director EMEA Database Technologies, Oracle Corp, Oracle Exalogic Elastic Cloud

Oracle Exalogic Elastic Cloud,

Owen Hughes, Core Technologies Director, Oracle Corp.

Conference session,  ORA, All levels

Abstract:

The Oracle Exalogic Elastic Cloud is the industry's first comprehensive application consolidation platform, optimized for high performance, mission-critical Enterprise Java deployments. The Oracle Exalogic Elastic Cloud builds upon the success of the Oracle Exadata Database Machine by combining cutting-edge processor, solid state memory, I/O fabric and storage technology with Oracle's operating systems and Enterprise Java Middleware to provide an Oracle-tested, tuned and factory assembled platform suitable for the most demanding service levels and widely varied workloads



Speaker:

Owen Hughes has over 15 years experience in the IT industry and is currently Technology Director for EMEA Core Technology, with primary focus on Sun Oracle Exadata and Sun Oracle Database Machine Technologies at Oracle Corporation. Prior to joining Oracle, his previous role was as a technologist, providing architectural and business expertise to State and commercial companies in Ireland across the Financial Services, Communications and Service sectors. He has worked for various companies in Ireland focusing on Oracle solutions. Owen holds a Bachelor of Science Degree in Computer Applications from Dublin City University and a Masters in Technology Management from the National Institute of Technology Management in University College Dublin.

Daniela Milanova, Principal Sales Consultant, Oracle Bulgaria, Successful Upgrade Secrets: Preventing Performance Problems with Database Replay and SQL Performance Analyzer

Successful Upgrade Secrets: Preventing Performance Problems with Database Replay and SQL Performance Analyzer,

Daniela Milanova, Principal Sales Consultant, Oracle Bulgaria

Demonstration, , ***DBA,*** Experienced

Abstract:

Is there a way to guaranteed SQL performance when you plan upgrade of Oracle Database or infrastructure environment?

Yes, there is. Come and see the demo. Subject of this demo are Real Application Testing features and capabilities in order to achieve real assessment of SQL performance expected after such kind of upgrades.



Speaker:

Daniel Morgan, Oracle ACE Director, Developing Very Large Databases in 11gR2

Developing Very Large Databases in 11gR2,

Daniel Morgan, Oracle ACE Director

Conference session, , DBA, All levels

Abstract:



Speaker:

Oracle ACE Director Dan Morgan is the Morgan behind Morgan's Library on the web. Morgan has retired from the University of Washington where he was the primary Oracle instructor from 1998 through 2009. Morgan is a member of the Board of Directors of the Western Washington Oracle Users Group, a member of UKOUG, the International Oracle zSeries SIG, the Oracle RAC SIG, and BAARF. He is also the former Chair of the Washington Software Association's Database Special Interest Group.

Mr. Morgan is a regular contributor at Oracle conferences and forums around the world and in 2009 presented at OpenWorld, ODTUG Kaleidoscope, NoCOUG, RMOUG, and WWOUG, in addition to presentations in Canada, Chile, Finland, Norway, and the UK.

In 2010, he has co-founded the Vancouver (Canada) Oracle Users Group, and will speak at 10 Oracle conferences in the US, UK, Canada, New Zealand, Norway, Sweden, and at the EMEA Harmony Conference in Tallinn Estonia as well as participating in the IOUC's international leadership conference in Redwood Shores.

Daniel Morgan, Oracle ACE Director, Edition-Based Redefinition: Live in SQL*Plus

Edition-Based Redefinition: Live in SQL*Plus,

Daniel Morgan, Oracle ACE Director

Conference session, , DBA, All levels

Abstract:

Edition Based Redefinition is a new and critical component adding abilities that greatly enhance high availability in Oracle Database 11g Release 2. This revolutionary new capability makes possible online application upgrades with uninterrupted availability using three new database objects: The Edition, the Editioning View, and the Crossedition Trigger.



Speaker:

Oracle ACE Director Dan Morgan is the Morgan behind Morgan's Library on the web. Morgan has retired from the University of Washington where he was the primary Oracle instructor from 1998 through 2009. Morgan is a member of the Board of Directors of the Western Washington Oracle Users Group, a member of UKOUG, the International Oracle zSeries SIG, the Oracle RAC SIG, and BAARF. He is also the former Chair of the Washington Software Association's Database Special Interest Group.

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Daniel Morgan, Oracle ACE Director, What's New In Database 11.2: That you will not hear about from Oracle

What's New In Database 11.2: That you will not hear about from Oracle,

Daniel Morgan, Oracle ACE Director

Conference session, , DBA, All levels

Abstract:

Oracle has added a wealth of new features to the Database 11g and with Release 2 and many of the most valuable of these new features will not be discussed by Oracle. Oracle ACE Director specializes in revealing, through live demo, many of these valuable gems available for use when you upgrade to version 11.



Speaker:

Oracle ACE Director Dan Morgan is the Morgan behind Morgan's Library on the web. Morgan has retired from the University of Washington where he was the primary Oracle instructor from 1998 through 2009. Morgan is a member of the Board of Directors of the Western Washington Oracle Users Group, a member of UKOUG, the International Oracle zSeries SIG, the Oracle RAC SIG, and BAARF. He is also the former Chair of the Washington Software Association's Database Special Interest Group.

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Ronald Bradford, Oracle ACE Director, Principal, 42SQL, MySQL Best Practices for DBAs and Developers

MySQL Best Practices for DBAs and Developers,

Ronald Bradford, Oracle ACE Director

Conference session, , **MSQL**, All levels

Abstract:

Learn the right techniques to maximize your investment in MySQL by knowing the best practices for DBAs and Developers. Learn what subtle differences between Oracle and MySQL are essential to understand in order to maximize the benefits of MySQL. We will be covering the ideal means for writing SQL statements, documenting your SQL, analyzing your SQL, MySQL software installation, configuration and maintenance best practices.



Speaker:

Ronald is an Oracle ACE Director, MySQL Community Member of the Year and author of Expert PHP and MySQL. His experience includes MySQL, Oracle and Ingres.

Ronald Bradford, Oracle ACE Director, Principal, 42SQL, MySQL Idiosyncrasies that bite

MySQL Idiosyncrasies that bite,

Ronald Bradford, Oracle ACE Director

Conference session, , MSQ, All levels

Abstract:

While MySQL is a popular and widely used RDBMS, some default features and settings are very foreign in comparison with other commercial RDBMS products. In this discussion we will discuss some of the MySQL defaults including a non-transactional state, silent data truncations, date management and transaction isolation options. These are all critical for data integrity and consistency of your applications data. We cover indepth topics including SQL_MODE that is important to help maintaining better compatibility, security and character set/collations.



Speaker:

Ronald is an Oracle ACE Director, MySQL Community Member of the Year and author of Expert PHP and MySQL. His experience includes MySQL, Oracle and Ingres.

Kuassi Mensah, Group Product Manager, Oracle, Oracle Net Services: Performance, Scalability, HA, and Security Best Practices

Oracle Net Services: Performance, Scalability, HA, and Security Best Practice,

Kuassi Mensah, Group Product Manager, Oracle Corp.

Conference session, , **DBA,** All levels

Abstract:

Oracle Net Services provides a scalable, secure, easy-to-use and highly-available network connectivity infrastructure for your Oracle environment. Because it straddles all database areas, the performance and efficiency of Oracle Net Services can have a profound impact on overall database performance and availability. In this session, Oracle development experts will present the best practices for deploying, managing, tuning and troubleshooting Oracle Net Services. Topics include tuning TCP/IP, choosing the right net naming, configuring net services for failover and load balancing, choosing the right database server type, configuring event models, tuning timeouts, and configuring trusted/untrusted hosts.



Speaker:

Kuassi Mensah is Senior Manager of Product Management, for Oracle Database APIs and drivers including Java in the database, JDBC, C/C++, PHP, Ruby, Python and Perl, as well as Net Services.

He is an author and a frequent speaker at IT events, worldwide

Marcin Przepiorowski, Senior DBA / Consultant, Version 1, Performance troubleshooting using Active Session History

Performance troubleshooting using Active Session History,

Marcin Przepiorowski, Oracle ACE, Senior DBA / Consultant, Version 1

Demonstration, , ***DBA,*** 

Abstract:

Active Session History is a new monitoring feature available from version 10g of Oracle. It is keeping detailed information about session activity on Oracle instance. All those information can be used to performance troubleshooting and this demonstration will try to show how to read and understand most of ASH related reports and how to create user queries based on that functionality.

Speaker:

Marcin started his Oracle DBA activities in 2000. For the last 6 years he is working as Senior Oracle DBA and Consultant for many various customers. Marcin is an Oracle trainer too working with different customers as consultant or working for Polish education company Altkom Akademia. He's specializations are performance bottlenecks (using end-to-end approach and all available monitoring possibility including Oracle Wait Interface) and high availability solutions (like Oracle Parallel Server 8i, Oracle Real Application Cluster 9i, 10g, 11g and Oracle DataGuard/Standby since Oracle 8i).

Yavor Ivanov, OCM, DBA, Moneybookers, Inside the buffer cache

Inside the buffer cache,

Yavor Ivanov, OCM, DBA, Moneybookers

Conference session, , DBA, [All levels](#)

Abstract:

In this session, I will try to reveal what happens when you read a data block. I will track the block all the way from the moment it is read, through the various adventures it encounters in the buffer cache, until the it gets safely back to the disk.

You will probably find the path is longer than you have expected.



Speaker:

There is that feeling when everything is working perfectly. When you know the data is protected. You know the service is guaranteed. The users are able to do their job, and you know they will be able to do it tomorrow, and the day after, and the year after that... The feeling when you know everything is done the way it is supposed to be done. It may have been hard work, but you know it's done properly.

There is a point after which you just start to feel the system's pulse. And the data is the blood of the system.

When I can sense that the system is working smoothly... this is the feeling that makes me happy.

I like the data. I can feel the data. I care about the data.

I'm mostly focused on the following areas:

- High availability - RAC, MSCS + FailSafe, HP ServiceGuard
- Disaster recovery - Data Guard, Standby database, Replication
- Backup strategies - not "scripts", but "strategies"

Outside of the database, I care about the workflow, usage patterns, user troubles and other things that may lead to a better system or a worse one. The database is the heart of the system; the data is the blood. But I know the system is something complex and the data in itself cannot do any good. I am training my ability to take a look at the whole system from a bird's eye view.

But my passion is the data.

Nedko Geshev, Delivery Manager, Hewlett Packard, Oracle Stack of Technologies in the Enterprise

Oracle Stack of Technologies in the Enterprise,

Nedko Geshev, Delivery Manager, Hewlett Packard

Conference session, , ORA, All levels

Abstract:

This session is focused on sharing practical experience on integration of Oracle Solaris, Oracle Solaris Cluster, Oracle Database and Oracle iPlanet Web Server in an Enterprise environment. This includes day to day operations, solution engineering and IT Service Management.



Speaker:

Nedko Geshev has experience in HP Global Delivery Center Bulgaria since its beginning in 2006. Currently he is a Delivery Manager of a team responsible for the support, implementation and solution engineering an enterprise IT environment. He is certified in Oracle, HP and Microsoft technologies.

Stoyan Angelov, Senior HP-UX System Administrator, Globul, Solaris Versioning and Patching Strategies

Solaris Versioning and Patching Strategies,

Stoyan Angelov, UNIX Systems Administrator, Cosmo Bulgaria Mobile

Conference session, , ***TECH,*** All levels

Abstract:

The process of keeping computer systems up-to-date, reliable, and secure requires proactive patch management to be regularly performed. This process can be quite complex. Unfortunately, there is no one patch management plan that fits all situations and requirements.

This lecture provides generic overview of Solaris versioning and release history and gives details on recommended patching strategies and patching considerations; it also discusses Solaris patching fundamentals, recent patching improvements and patching tips.



Speaker:

Experienced UNIX systems engineer. More than 10 years of continuous UNIX practice. Specializes in high-end server and storage systems, SAN and backup infrastructures in critical datacenter environment. Disaster recovery, virtualization, security and internetworking competence. Founder of the solarisUserGroup in Bulgaria and the Sun Ray User Group. Currently working as Senior HP-UX Systems Administrator for a telecommunication company.

Veselin Tabakov, Solaris/Linux Administrator, Freelancer, Install and configure MySQL cluster (Solaris 10)

Install and configure MySQL cluster (Solaris 10),

Veselin Tabakov, Solaris/HP-UX administrator, Freelancer

Conference session,  ***DBA,*** All levels

Abstract:

Fast way to install and distribute MySQL cluster

Configuration options

MySQL management service configuration

Example: Web server with load balancing configuration and MySQL cluster integration

Speaker:

15 years experience with Linux, Solaris and HP-UX

Dimitar Vasilev, Sun Certified Trainer, Freelancer, RBAC - managing system privileges

RBAC - managing system privileges,

Dimitar Vassilev, Sun Certified Trainer, Freelancer

Discussion, , **TECH,** All levels

Abstract:

Bart similarly like Bart Simpsons is very arrogant and despite not being full with features is very helpful. It assists you tracking changes in systems – files altered/accessed and constantly keeping eye on intruders by running regular audits. One of Bart's nice side effects is that it can completely can load your systems, so be careful when to run the full scale and when. It also helps system managers to get rid of auditors quickly by providing evidence of systems integrity and confidentiality. We will use some examples on virtual machines to demonstrate how can we use it in real life.

Speaker:

Mr. Vassilev has been in various shoes since he got infected with the Solaris bug in 2005. He also has been in the Sun teaching business during 2008-2010 as Solaris trainer. Currently when not working as system administrator /DBA , you may find him in the mountains or in the streets playing funky instruments

Dimitar Vasilev, Sun Certified Trainer, Freelancer, Hush, BART is here!

Hush, BART is here!,

Dimitar Vassilev, Sun Certified Trainer, Freelancer

Discussion, , ***TECH,*** All levels

Abstract:

RBAC is a framework in Solaris, allowing managing various systems aspects without handing out root passwords. It has been designed per Orange Book concepts and allows fine grained control and tracing of privileges given and commands executed. In this discussion we will do some hands on too on virtual machines and will do a sample demo how to convert the root to a role account.

Speaker:

Mr. Vassilev has been in various shoes since he got infected with the Solaris bug in 2005. He also has been in the Sun teaching business during 2008-2010 as Solaris trainer. Currently when not working as system administrator /DBA, you may find him in the mountains or in the streets playing funky instruments for fun and for profit.

Tom Kyte, Senior Technical Architect, Oracle, All about metadata: why telling the database about your schema matters?

All about metadata; why telling the database about your schema matters?

Tom Kyte, Senior Technical Architect, Oracle Corp.

Conference session,  DEV, All levels

Abstract:

It is interesting to note how important metadata – data about data – is in the database. One important piece of metadata are database constraints. The database uses constraints for query optimization as well as data integrity. Most people understand that constraints are a ‘data integrity feature’, but are not as aware of the fact that the optimizer relies heavily on metadata to operate at its best. We’ll explore the various types of metadata we as developers and DBA’s can assert into the database and the positive impact this metadata will have on us.



Speaker:

Tom Kyte is a Senior Technical Architect in Oracle’s Server Technology Division. Before starting at Oracle, Kyte worked as a systems integrator building large-scale, heterogeneous databases and applications, mostly for military and government customers. Kyte spends a great deal of time working with the Oracle database and, more specifically, working with people who are working with the Oracle database. In addition, Kyte is the Tom behind the AskTom column in Oracle Magazine, answering people’s questions about the Oracle database and its tools (<http://asktom.oracle.com/>). Kyte is also the author of Expert Oracle Database Architecture (Apress, 2005), Expert One on One Oracle (Wrox Press, 2001/Apress 2004), Beginning Oracle Programming (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.

Heli Helskyaho, Kantamestarit Oy, Dude, where's my database?

Dude, where's my database?,

Heli Helskyaho, Kantamestarit Oy

Conference session,  **DES,** All levels

Abstract:

One morning somebody comes to your (database designer's) office saying "Dude, where's my database?". You ask questions and questions and finally realize: he/she has designed the application with UML and now he/she is wondering where to find the database (for coding the data classes). OK, the class diagram looks great (with UML colours and everything), but is that the database model? Did this person know how to design a database? Is designing the database the same thing as designing the database?

And then you realize that they only have the analysis for their first increment and the class diagram is only for that. Is this project going to be a success? And where is the database?



Speaker:

Heli Helskyaho, President of the OUGF (Oracle User Group Finland), spokesperson for the EOUC (EMEA Oracle user group community) and CEO for Kantamestarit Oy

Heli first started to work with Oracle (Oracle 6, Forms 2.3, Menu 3.0, Report Writer 1.1) as a software developer and a database specialist in 1993. Her key interest lies in databases. She graduated from University of Helsinki with a master's degree in Computer Science and began to work as an Oracle consultant since in 1996 (first in Oracle and followed by Kantamestarit in 2000 and whom she is still currently employed by). She has also been the CEO of Kantamestarit since 2000.

Heli is married with two children. She likes to keep busy and her hobbies include taekwondo, nordic walking, golf, pilates, method Putkisto, yoga and reading. She is also a qualified dance teacher (classical ballet, jazz, modern dance) but unfortunately does not have time to dance much anymore.

Her favorite word is co-operate.

Anatoli Atanasov, Oracle Bulgaria, Oracle ADF: Developing applications with Oracle ADF: Step 2 – binding business services to controller and view layers

Oracle ADF: Developing applications with Oracle ADF. Step 2 – binding business services to controller and view layers

Anatoli Atanasov, Oracle Bulgaria

Conference session,  , DEV, All levels

Abstract:

“Developing applications with Oracle ADF” are series of presentations covering different aspects of the Oracle Application Development Framework 11g and particularly how the MVC paradigm is implemented by the product. “Step 2 - binding business services to controller and view layers” is focusing on how to declaratively bind business services built using different technology stacks with User Interface and controller



Speaker:

Anatoli Atanasov works for Oracle Corporation branch Bulgaria as a Senior Technology Sales Consultant specializing in and covering the Oracle Fusion Middleware product portfolio. His main responsibilities include designing scalable middleware infrastructures, educating the BG middleware market, consulting customers on different IT projects, etc. He has strong background in software development with Java and Oracle middleware and database technologies.

Prior to joining Oracle from a partner, Anatoli Atanasov had worked in different projects mainly in the Financial and Public sectors as a software engineer. In the last couple of years he is specializing in Service Oriented Architectures, Business Process Management, Java development and Portals, Application and Database Security and Content/Document Management Solutions.

Anatoli Atanasov has Master of Science degree from Sofia University “St. Kliment Ohridski” in Software Engineering and Bachelor degree from Technical University of Sofia in Computer Systems and Management.

Barry McGillin, Senior Development Manager, Oracle Corp, SQL Developer - new and advanced features in 3.0

SQL Developer - new and advanced features in 3.0,

Barry McGillin, Senior Development Manager, Oracle Corp

Conference session, , DEV, All levels

Abstract:

Come along and see what the Sql Developer team have added to the tool this year. We'll be taking a look at the major new features and some of the more advanced features which can improve individual and team productivity. Specifically, we'll be digging into new DBA features, Migration features and general SQL improvements. So, sit down, buckle up and get ready for a jam packed update on Sql Developer.



Speaker:

Barry has 15 years experience in databases, middleware, software development, and project management. Barry has been working in Oracle with the database since 1992 (6.0.36). He regularly speaks at conferences and has spoken in over 27 countries showing customers how to make use of Oracle and migrate their applications to it. Today, he is the development manager for SQL Developer.

Svetlin Nakov, Manager Technical Training, Telerik Corp., High-quality programming code

High-quality programming code –part I and II,

Svetlin Nakov, Manager Technical Training, Telerik Corp.

Conference session,   **DEV**, Introductory

Abstract:

This talk explains the fundamental principles and practices for building high-quality software with focus on the source code. The quality of the code is discussed in its most important characteristics – correctness, readability and maintainability. The principles of construction of high-quality class hierarchies, classes and methods are explained. Two fundamental concepts – “loose coupling” and “strong cohesion” are defined and their effect on the construction of classes and subroutines is discussed. Some advices for correctly dealing with the variables and data are given, as well as directions for correct naming of the variables and the rest elements of the program. Best practices for organization of conditional statements and loops are explained. The principle of good code formatting and the concept of “self-documenting code” as a programming style are explained. The talk includes a large number of examples of good and bad coding practices in Java illustrating the discussed concepts and practices.




Speaker:

Svetlin Nakov has 15 years technical background as software engineer, software project manager, consultant, trainer, and entrepreneur with rich experience with the .NET and Java EE platforms, information systems, databases, Web development, security and others. He is author of 6 technical books about C#, and Java programming, and tens of technical and scientific publications. Svetlin has been a speaker at hundreds of conferences, seminars, courses and other trainings. He holds a PhD degree in computer science. Currently Svetlin drives the technical training department in Telerik Corporation and trains software engineers at Telerik Academy (<http://academy.telerik.com>). He is part-time lecturer in Sofia University and Technical University of Sofia.

Kuassi Mensah, Group Product Manager, Oracle, Best Practices and Trade-offs for Efficient and Reliable Java Persistence

Best Practices and Trade-offs for Efficient and Reliable Java Persistence,

Kuassi Mensah, Group Product Manager, Oracle Corp.

Conference session,  **DEV** Experienced

Abstract:

In this technical session, you'll learn from Oracle Development, how JDBC and Oracle Universal Connection Pool enable you to:

Optimize LOB operations and bulk data transfers;

Implement cache invalidation;

Support SSL, Kerberos, and Radius authentication;

Trade speed for space and vice versa;

Scale and fail over connections with Query Change Notification,

Fast Connection Failover, and Runtime Connection Load Balancing;

Implement Web-session and transaction affinity in RAC and Data Guard environments.



Speaker:

Kuassi Mensah is Senior Manager of Product Management, for Oracle Database APIs and drivers including Java in the database, JDBC, C/C++, PHP, Ruby, Python and Perl, as well as Net Services.

He is an author and a frequent speaker at IT events, worldwide

Canko Stoykov, Software Consultant, TechnoLogica, XML creating and processing with PL/SQL

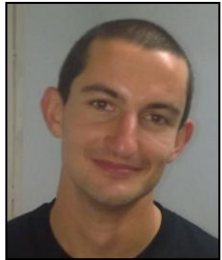
XML creating and processing with PL/SQL,

Canko Stoykov, Software Consultant, TechnoLogica

Conference session,  DEV, Experienced

Abstract:

Challenges, practical solutions in creating and processing XML documents. Solution comparison based on reliability and speed.



Speaker:

Mihail Stoynov, Head of Development, Materna Bulgaria, Java 7 – practitioner’s view

Java 7 – practitioner’s view – Part I and II,

Mihail Stoynov, Head of Development, Materna Bulgaria

Conference session, , DEV, All levels

Abstract:

This talk shall present the current state of Java 7 mostly with live demos. It will show the platform’s development progress, when it is expected to be released and what will it include. The presentation will show most major features planned for JDK 7 (and some from JDK 8).



Speaker:

Mihail Stoynov is a professional software developer, consultant and lecturer, his experience spans for nearly 10 years. Throughout his professional career Mihail gathered serious expertise working at the foreign offices for companies like HP and Siemens. He has been a guest lecturer at some of the notable universities in Bulgaria, participated in a lot of seminars and led a few technical trainings. He’s also the co-author of a couple of books on software development. Currently he holds the position Head of Development at Materna Bulgaria.
Blog: <http://mihail.stoynov.com/blog/>.

Krasimir Semerdzhiev, Lead Development Architect, SAP Labs Bulgaria, Garbage collection and its relation to application performance

Garbage collection and its relation to application performance,

Krasimir Semerdzhiev, Lead Development Architect, SAP Labs Bulgaria

Conference session,   **DEV,** Experienced

Abstract:

Minimizing application response time has always been a guiding target for developers. However, despite the efficient algorithms and clever ideas – there are patterns which will actually slow down an app, despite that it seems contradicting to common sense. The session will outline some details of the Java Garbage collection and make an overview of how it evolved over time.

It'll also outline a set of anti-patterns which, despite appealing, actually lead to worse performance.

We'll touch few ways to monitor and analyse the Garbage Collector behavior and get a better understanding of our application.



Speaker:

Krasimir is working in SAP Labs Bulgaria since its inception. He was working on various projects in the area of SAP Netweaver middleware platform. He held various positions, starting from developer in the Java Server team, later on assuming responsibility for the Java Server Kernel and subsequently the whole Java Server Runtime. Later on he took over the task to oversee and guide the overall Java Server architecture, subsequently shifting to Technology Product Management, working on the SAP on-demand strategy forward.

Trayan Iliev, CEO, IPT - Intellectual Products & Technologies Ltd., Development of Java™ Portlets using JSR 286: Java Portlet 2.0 API, Java Server Faces (JSF 1.2 & 2.0) and Ajax

Development of Java™ Portlets, Java Server Faces (JSF 1.2 & 2.0) and Ajax,

Trayan Iliev, CEO, Intellectual Products & Technologies Ltd

Conference session, Demonstration, , DEV, 

Abstract:

In order to cope with the challenges of contemporary business environment including globalization, economical pressure for better efficiency, business process outsourcing, achievement of regulatory compliance, the enterprise needs improved support by technology. Recently the term Service Oriented Architecture (SOA) has become a pervasive buzz word together with Cloud Computing, Software as a Service (SaaS), etc. The SOA standards like: Simple Object Access Protocol (SOAP), Web Services Description Language (WSDL), Universal Description Discovery and Integration (UDDI), Representational State Transfer (REST), Web Application Description Language (WADL) have emerged and matured. But from the end user perspective all these technologies do not matter much.

In 2002 the Java™ community started a pioneering effort for standardization of the web-based presentation services as well. They were called portlets and were able to be easily combined and integrated into enterprise portals based on a common standard defining their interaction – JSR 186: Java Portlet Specification. In 2005 it was followed by another more advanced specification – JSR 286: Portlet Specification 2.0.

Portals offer many advantages over other software applications. First, they provide a single access point for all employees, partners, and customers. Second, portals provide access to business functionality transparently from any device in virtually any location. Third, portals are highly flexible; they can exist in the form of B2E intra-nets, B2B extra-nets, or B2C inter-nets. Fourth, portals can be combined to form a portal network that can span a company's ecosystem. Fifth, because they provide front end for different web services they can easily integrate existing heterogeneous software systems and are future proof.

In the recent years portlets became popular technology allowing easily to share and combine web applications developed by different organizations and individuals in a personalized enterprise portal. A new "portlet-based" style of web application development has emerged. Portlet apps (PA) are more distributed, flexible and agile, compared to older style, monolithic web applications we know for years. PA can use asynchronous data requests and can be dynamically updated in response (and sometime in anticipation) to user's needs. They are typically consisting from several different portlets that communicate using shared parameters or publish/subscribe events according to latest Portlet Specification 2.0.

The Web Services for Remote Portlets (WSRP) OASIS network protocol specification allows the portlets to be accessed remotely and combined easily by third party portals and consumers. It is supported by all of the portal market's major players, including Oracle®, IBM®, Microsoft®. The ultimate goal of WSRP is to bring the benefits of Service-Oriented Architecture to the end-user.

In order portlet technology to become even more successful are needed developer frameworks and tools that support rapid portlet application development and reuse of components. As part of Java™ Enterprise Edition standardization process and as a recommended technology for web based presentation in the latest version of Java™ EE 6, Java Server Faces (JSF) framework became most promising candidate for such an enabling technology. Among the advantages of JSF are:

- easy construction of UI from a set of reusable components;
- clear separation between data and presentation using MVC design pattern;
- easy to use model for wiring client-generated events to server-side application code;
- UI components state managed automatically across client requests;
- separation of concerns between corporate developers and system programmers.

The latest version of JSF 2.0 provides additional advantages:

more flexible and standard based presentation components using facelets;
easy to use view/page templating;
easy to create custom components without Java programming by composing existing components;
seamless and unified integration with all different types of beans (ManagedBeans, POJO, EJB) using dependency injection annotations;
new scopes (e.g. conversation scope, custom scopes);
bookmarkable application states using view parameters;
better ajax support using standard tags – no need to manually write JavaScript code;
partial view processing and rendering during ajax requests;
easier configuration, navigation and resource loading.

JSF technology provides many nice capabilities simplifying the development process, but there are some problems using JSF directly for portlet development. The most important one is the difference in lifecycles of portlets and JSF components – portlets separate action, event, resource and render requests, while standard JSF servlet handles them in a common request processing lifecycle. That is why a bridge between two technologies is needed in order to combine their advantages. Two new specification requests (targeted towards different versions of the portlet specification) were published to address this need – JSR 301: Portlet 1.0 Bridge for JavaServer™ Faces 1.2, and JSR 329: Portlet 2.0 Bridge for JavaServer™ Faces 1.2 Specification. The presentation will describe the details of Java portlets development using JSF 1.2 technology (including JSR 301 and JSR 329 open source implementations) and will provide insight about emerging initiatives for development of Portlet 2.0 to JSF 2.0 bridge (no specification available yet). Practical examples using open source technologies will be demonstrated to participants illustrating the concepts, and proving the value of the technologies.

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Speaker:

Trayan Iliev holds MSc degree in Informatics from Sofia University. From 2003 he is CEO of IPT - Intellectual Products & Technologies. The company is specialized in software development and training using open source technologies. From 2000 he holds position of lecturer at Faculty of Mathematics and Informatics, Sofia University “St. Kliment Ohridski”, Bulgartia. He has participated in EU funded international research projects, as well as in several business projects, as researcher, software developer/architect and project leader.

Cuneyt Yilmaz, Senior Consultant, Bilginc IT Academy, Next Generation Business Intelligence (Part I - Oracle Data Integrator 11)

Next Generation Business Intelligence Part I - Oracle Data Integrator 11g,

Cuneyt Yilmaz, Senior Consultant, Bilginc IT Academy

Conference session, Demonstration, , BI, Experienced

Abstract:

Oracle published new version of "Oracle Data Integrator" – ODI 11g. There're some important differences with the previous version. So new features of this product will be covered in the seminar.

Next Generation Business Intelligence (Part I)

The need for the Enterprise Platform

- Enterprise Web Space
- Enterprise Web Challenges
- Enterprise Portal Requirements

The Solution: Oracle Web Logic Platform

- Features of Web Logic Portal
- Portal Application Framework
- Web Logic Server Domain

Populating Datawarehouse

- Oracle Data Integrator 11g -- New --
- Repository Creation Utility (RCU)
- Installing ODI 11g
- Web Logic Server Administration Console
- New User Interface: ODI Console
- How to Upgrade from ODI 10g

Questions & Answers

Speaker:

He has been working as a database specialist for around 10 years. He started to work as a trainer in Bilginc IT Academy in Turkey 7 years ago. He delivered many trainings related to Oracle products in Turkey and also in Europe. He mostly delivers trainings about Business Intelligence products as well as Oracle database track trainings. In addition to delivering trainings, he also provides consulting services about Business Intelligence projects. He publishes his own articles about Oracle products at the web site: <http://www.oratt.com>



Cuneyt Yilmaz, Senior Consultant, Bilginc IT Academy, Next Generation Business Intelligence (Part II - Oracle Business Intelligence 11g)

Next Generation Business Intelligence Part II - Oracle Business Intelligence 11g,

Cuneyt Yilmaz, Senior Consultant, Bilginc IT Academy

Conference session, Demonstration, , BI, Experienced

Abstract:

And the other new product that Oracle published is “Oracle Business Intelligence 11g”. New features of this product will be covered in the seminar.

Next Generation Business Intelligence (Part II)

Reporting Platform

- Oracle Business Intelligence 11g -- New --
- Installation Requirements
- Repository Creation Utility
- Installing Oracle Business Intelligence 11g
- Managing OBI Components (Web Logic Administration Console)

New User Interface

- Interactive Reporting
- Dashboards
- Creating Reports

New Features

- Chart Zoom
- Chart Sliding
- Performance Management – Scorecards
- Performance Management – KPI

Questions & Answers



Speaker:

He has been working as a database specialist for around 10 years. He started to work as a trainer in Bilginc IT Academy in Turkey 7 years ago. He delivered many trainings related to Oracle products in Turkey and also in Europe. He mostly delivers trainings about Business Intelligence products as well as Oracle database track trainings. In addition to delivering trainings, he also provides consulting services about Business Intelligence projects. He publishes his own articles about Oracle products at the web site: <http://www.oratt.com>

Ina Naydenova, BI Consultant, TechnoLogica, OBIEE - some Tips and Tricks

OBIEE - some Tips and Tricks,

Ina Naydenova, BI Consultant, TechnoLogica

Conference session, Demonstration, , BI, All levels

Abstract:

The presentation discusses several trick and tips related to the organization of the BI presentation layer, dashboard prompts behavior, parameterized select statements and others.



Speaker:

Ina has 10 years experience with Oracle products, the last 5 years working for TechnoLogica Ltd as a data warehouse developer and trainer in Technologica Education center. Her interests are in the fields of database development and design, data-warehousing and OLAP systems.

Radoslav Vangelov, Applications Sales Representative, Oracle Bulgaria, Oracle Applications Overview

Oracle Applications Overview,

Radoslav Vangelov, Applications Sales Representative, Oracle Bulgaria

Presentation, , ***APPL,*** All levels

Abstract:

Oracle Applications Overview

Speaker:

Atanas Cholakov, Senior Consultant, Oracle Consulting, EBS Technical Architecture & Upgrade

EBS Technical Architecture & Upgrade,

Atanas Cholakov, Senior Consultant, Oracle Consulting

Conference session, , **APPL,** All levels

Abstract:

EBS Technical Architecture & Upgrade

Speaker:

Neno Shirtev, IT Manager Bella Bulgaria, IT solution completeness - BPM implementation project

IT solution completeness – BPM implementation project,

Neno Shirtev, IT Manager Bella Bulgaria

Conference session,  APPL,

Abstract:

Describe challenges to achieve completeness in the project of implementation of IT solutions – finance, ROI, technical implementation, analysis.



Speaker:

Neno Shirtev is a Project manager for Bella in BPM implementation project from the customer site. He obtained a Bachelor of Science degree in Industrial Management from Technical University - Sofia, Plovdiv Branch. With more than five years experience in the IT field, and ten years working for Bella Bulgaria SA. Neno has plans to graduate with a Master's degree in Computer Information Technology in the Spring of 2011.

Orlin Dochev, CEO, Next Consult, Company's Mission, Vision and Strategy linked to execution. Balance scorecards

Company's Mission, Vision and Strategy linked to execution. Balance scorecards,

Orlin Dochev, CEO, Next Consult

Conference session,   ***BSN,*** All levels

Abstract:

Every living company has mission, vision and strategy, but without execution it will die. The presentation is dedicated on explaining these abstracts and creating the bridge to goals leading to excellence of execution.



Speaker:

Orlin Dochev founded company Next Consult in January 2010. The company is operating in two fields: business development services to accelerate growth of companies in the business applications area and trusted advisory services to companies willing to implement business applications.

Dochev was leading Microsoft's team for Business Solutions in Bulgaria for two years. He joined the company from Oracle Bulgaria, where he was responsible for business applications for more than three years. Prior to that he had worked in Germany in a company, delivering technologies and solutions for process automation.

Orlin Dochev has master degrees in Computer Sciences and Business Administration. He has a number of qualifications in Europe and US in strategic marketing and sales, processes and business management systems.