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All concurrent stream sessions are listed to allow you to pick and choose the most relevant and suitable presentations you will attend. Please note that the sessions listed are correct at the time of printing and may be subject to change.

11g Active Data Guard – More than just DR

Soorma, Gavin, Bankwest

This session will demonstrate how by using Oracle 11g Active Data Guard, we can leverage the standby database to do more than just disaster recovery. Attendees will learn how Active Data Guard offloads resource intensive workloads like backups and reporting to one or more standby databases while continuously applying changes received from primary production databases. Usage and benefits of the Snapshot Standby Database will also be discussed which will enable us to use the standby or disaster recovery environment for performing application testing and QA on a real time copy of production data thereby enabling us to optimise our return on investment made for DR.

Pre-requisite: Basic knowledge of Oracle Data Guard and RMAN as well as basic understanding of high availability and business continuity concepts.

A better approach to OEBS workflow management

Piper, Gary, Piper-Rx

Workflow management is often ineffective and a perennial problem for many E-Business sites – so many workflows get lost or just hang around in various states of completion. Workflow management is often ineffective and a perennial problem for many E-Business sites – so many workflows get lost or just hang around in various states of completion. This happens because workflows have inherently long process timelines – e.g. receipt of an order through to inventory despatch can take several weeks yet the management of workflow is often left to technical staff whose experience is much more around operating with database transaction times of milliseconds or seconds. It is therefore not uncommon in larger organisations to find several thousand workflows with various completion statuses in many cases dating back several years. The tidy up cost can be enormous. This presentation demonstrates how to apply the principles of Aged Accounts management to workflow to help you manage workflow simply and far more effectively by identifying and focusing on slow workflows in the same way organisations identify and focus on slow payers. It covers how to collect the relevant information on the age profile of your workflows, what to focus on first for best results, what to do with the information and how to implement a regular review program to ensure workflow issues are identified and addressed early rather than left to clutter your system.and yes, there is free code and reports for you to use to help you with these tasks.

Pre-requisite: A basic understanding of Oracle E Business Suite administration and workflow.

A Day in the life of a Hyperion consultant

Hitchman, Steve, M-Power Solutions

Performance Management is at the top of most organisations wish lists but the road to successful delivery can seem daunting. This session will highlight the decisions, benefits, and challenges, that organisations large and small experience when implementing these tools. Presented in a light hearted “day in the life of” format, the session will run through a series of “client meetings” that explore real world examples and expose best practices in the Performance Management business processes.

Adding Location Intelligence to your Business – Getting Started with Oracle Spatial and MapViewer

Kleiman, Eve, Armitage, Tim, Oracle Corporation

Most business information has a location component, such as customer addresses, sales territories, and physical assets. Businesses can take advantage of their geographic information by incorporating location analysis and intelligence into their information systems. This allows organizations to make better decisions and respond to customers more effectively, and reduce operational costs - increasing ROI and creating competitive advantage. This workshop will present an overview of the base features available with Oracle Spatial / Locator and Oracle Mapviewer. Once an overview of the products are presented, you will learn how to: • Load spatial data into an Oracle Spatial database • Query the data using SQL • Set up the Mapviewer environment to be able to display your data on maps • Build a simple application

Pre-requisite: Beginner level knowledge on Oracle Database and APEX would help but not essential

A Guide to Fusion Web Development with JDeveloper 11g—Part 1: Fusion Development and JDeveloper Overview

Koletzke, Peter, Quovera

These days, development shops have been mandated to develop new applications using Java Platform, Enterprise Edition (Java EE) web technologies. This can prove to be challenging for traditional Oracle developers because the main Java EE languages and the style of development are very different. Oracle is developing the next wave of Oracle Applications/E-Business Suite (Oracle Fusion) using JDeveloper and Application Development Framework (ADF) technologies such as ADF Business Components and ADF Faces. With JDeveloper 11g, Oracle offers a tool that helps web developers from every discipline transition more easily than ever to Java EE web development. Its declarative and visual development

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environment rivals that of traditional tools, yet it creates standard Java EE code that can be deployed on any Java EE server such as Oracle Application Server.

This presentation series, presented by one of the co-authors of the Oracle Press book "Oracle JDeveloper 11g Handbook," explains how to use JDeveloper and ADF with the "Fusion Technology Stack" Oracle is using for Fusion Applications. It also builds a comprehensive sample application to demonstrate the techniques and best practices you can use to create custom applications. The first presentation in this series provides an introduction to JDeveloper's visual and declarative tools and shows how to start creating the application.

A Guide to Fusion Web Development with JDeveloper 11g—Part 2: Developing the Model Layer

This presentation uses the tools discussed in the first part of the series to create the Model layer the application uses to interact with database objects such as tables, views, and PL/SQL packages. The presentation explains how ADF Business Components (ADF BC) allows you to declare components that query, insert, update, and delete data. It demonstrates these techniques and shows how you can also write code snippets to perform actions not provided by the ADF BC components.

A Guide to Fusion Web Development with JDeveloper 11g—Part 3: Developing the View Layer

This final presentation completes the picture of Fusion web development using JDeveloper 11g by explaining the components used to create the View layer code for the user interface. It discusses how you tie the ADF BC database components you created for the Model layer to the components on the page. It then demonstrates how you can work in the visual layout and declarative editing tools within JDeveloper and ADF to build the UI.

Automatic Test Data Generation For A 11g Database – A Case Study & Demo

Patel, Chandu, Deloitte Consulting

One of the challenges developers often face during the development and testing phase is to get the test data timely populated in the development / SAT / UAT databases. In the absence of data conversion programs, it becomes tedious manual effort to come up with test data so that various components of an application can be tested. Often the test data provided are not good enough to test end conditions. It is highly desirable to have large quantity data with end conditions and with proper referential integrity. This paper presents a case study where data in about 132 relational tables were automatically generated entirely using SQL, PL/SQL scripts and DBA views. The utility to generate data takes configurable parameters such as number of rows to be generated and populated into each of the tables. It discusses what all dictionary views like DBA_CONSTRAINTS, DBA_CONS_COLUMNS, and DBA_TAB_COLUMNS are used to generate data. It also

describes how to generate data for the columns accepting only valid list of values like reference codes. The utility is capable of populating generate millions of rows making it usable to populate OLTP as well as OLAP and Data Warehouse databases. Its modular designs make it easy to extend and customize to suit your own database

Pre-requisite: General SQL. PL/SQL knowledge with basic understanding of Data Modeling and stored objects of a typical database schema.

Adventures in Agile Methodologies for Oracle Fusion Middleware projects

McPhee, Scott, LogicalTech

People undertaking development on the Fusion Middleware platform may have come across the words "agile development". For some, it sounds like nirvana (obtainable or otherwise), while for others, it sounds like a dangerously chaotic experiment. Many other people are simply just confused. Some may have even tried it in the past or use it right now. This presentation will give you an overview of what really is agile and what isn't, some of the key features, benefits and pitfalls of agile methods, and key lessons learnt by hard experience in doing agile development for delivery on Oracle Fusion Middleware platforms. As well as the methodology, it looks at specific technology which can help smooth the way for the implementation of agile engineering practices in a Fusion environment. Fortunately, and perhaps predictably, this technology is usually free and open-source. Even if you don't adopt agile as a method, these techniques and tools will still help you deliver better, and repeatable, results in your software development efforts.

Pre-requisite: Experience with doing or managing software development. Contact with development for Fusion Middleware or similar products. Some knowledge of Software Development Methodology in general could be helpful. Knowledge of any Agile Development methods is NOT assumed.

Beyond Discoverer – An evaluation of what to consider and your options for strategic, tactical and operational reporting with the Oracle e-Business Suite

Feim, Jeffrey, EIS Technologies, Inc

Discoverer is nearing the end of its product life-cycle. It is quickly being overtaken by new applications-specific technologies from both Oracle and third party software houses. This presentation identifies the key considerations and the available components that you will need to consider when looking for an optimized Operational Reporting and BI solution for your Oracle applications suite. Whether a Discoverer user or not, this presentation will appeal to all Oracle EBS customers. There will be an evaluation of the available solutions in the marketplace, including the strategic, tactical and operational optimization of OBIEE deployed

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in combination with the EIS eXpress e-Business Reporting solution. Find out how you can: • Migrate your Discoverer reports in minutes • Speed up your month-end close by eliminating the use of FSGs and ADI for analytical reporting. • Avoid the need for additional hardware by utilizing your existing Oracle technology stack. • Drill quickly and seamlessly from GL to any sub-ledger with a single click. • Easily navigate the HR organization and position hierarchies. • Report simply, quickly and automatically with Oracle “configuration specific” business views and intelligence.

Pre-requisite: Functional and/or technical knowledge of the Oracle EBS applications and the challenges associated with Operational Reporting and Business Intelligence in the Oracle applications suite.

Building Cost-Effective Enterprise Portals... Agility Is King!

Remmer, Dennis, LogicalTech

Is it possible to deliver an Enterprise Portal with single sign-on, integration to numerous corporate systems, and custom Java portlets – within a 6 month timeframe, with a fixed deadline, for a fixed price, based on changing requirements? Sounds improbable, but by adopting an Agile approach to development we were able to deliver a brand new staff/student intranet for a major University, using Oracle Portal, Application Server, JEE/JSR-168, and Open Source technologies; integrated to an Oracle DBMS/OIM/PeopleSoft environment. Come and find out how.

Deploying Applications to Oracle Web Logic Server

Tindall, Ray, Sage Computing Services

Oracle WebLogic Suite and Oracle WebLogic Application Grid are Oracle Fusion Middleware's strategic application server products. We will soon all be deploying both our traditional Oracle Forms and Reports applications and JDeveloper ADF Faces applications to WLS. This presentation is designed to make that process easier. It will be of value to both DBAs and Developers, and particularly those who will be deploying ADF Faces applications to WLS. The presentation will be based on a practical walk through of an installation of Web Logic Server and the deployment of an ADF Faces application to WLS.

Developing Cutting Edge Web UIs for Your Applications – the Easy Way

Shmeltzer, Shay, Oracle

The Web 2.0 generation of applications has brought a new user experience to Web-based applications. Rich Internet Applications (RIA) are providing responsive and dynamic interfaces delivering better usability. Learn how to add rich UIs to new and existing applications with the new Oracle ADF rich-client components. See how this new technology drastically simplifies the

development of advanced UIs. Learn about the new components, how they work, and how they can influence the design of your next user interface. In this session we'll demo building attractive and functional Web 2.0 user interfaces for enterprise applications.

Easy ETL with Oracle Warehouse Builder

Ilarda, Gabriel, Aurora Consulting

Having recently completed a proof-of-concept project, the author found Oracle Warehouse Builder (OWB) to be a useful tool for setting up a data warehouse in a relatively short time. It has easy-to-use features for Extraction, Transformation and Loading (ETL); and the ability to deploy data as OLAP cubes and dimensions, which can then be easily accessed by a variety of Oracle products. This presentation will provide a brief overview of Data Warehousing and ETL; and describe the key features of OWB. The demonstration will focus on the use of OWB in common ETL tasks. The presentation will equip the attendees with the knowledge to determine whether OWB is appropriate for their data warehousing requirements; and provide them with the information they need to successfully deploy OWB in their own environments.

Pre-requisite: Basic knowledge of Oracle Databases.

Effective OEBS Application monitoring and management – latest news, views and techniques

Piper, Gary, Piper-Rx

This presentation will provide you with an update on the latest news and views about recent trends in OEBS Applications monitoring and management as well as showing you the “how, what, why and next steps” of monitoring in a number of vital areas of the OEBS application. This session is a must for all OEBS professionals who need to improve OEBS efficiency and reliability especially during business peaks. It recognises that effective application monitoring is all about knowing what's going on and what's going wrong in the system and how to discuss this information with the business in ways they can understand and action. Areas covered in this presentation will include: Workflow management User activity profiling Response time measure and problem solving Concurrent manager activity profiling This session will show you easy, practical ways to understand your OEBS application's activity in the typical areas of interest for the System's Administrator and in those problem areas, focusing on: what information to collect how to collect it what it means what to do about itand yes, there is plenty of free code and reports for you to use to help you with these tasks

Pre-requisite: A basic understanding of Oracle E-Business Suite administration

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Enterprise Architecture – Getting some real value from your investment: Part 1 – Creating an Organisation's Data Inventory

Robinson, Phil, Lonsdale Systems with Floris Gout

This presentation is in two parts. Part 1: This presentation will use real examples of two pieces of work in which a data architecture approach was used to create a data inventory for an organisation. This data inventory was then structured to allow the identification of potential data duplication. The tools used in the two cases were Enterprise Architect and Oracle Designer. This part will demonstrate the approach taken to defining both a data inventory and directional data model.

Enterprise Architecture – Getting some real value from your investment: Part 2 – Putting the Data Inventory to Use

Robinson, Phil, Lonsdale Systems with Penny Cookson, SAGE Computing Services

This is the second part of the presentation: This presentation will continue the case studies in part 1, and discuss the practical use of the data inventory for identifying duplication in enterprise data. It will cover the advantages and disadvantages of the tools used, and provide a practical example of using the data inventory to resolve data duplication issues.

Everything you need to know about migrating a Discoverer system to Oracle BI Enterprise Edition

Deshpande, Praveen, Oracle Corporation, india

Everything you need to know about migrating Oracle BI Discoverer to Oracle BI Enterprise Edition Plus including planning a migration business case and technical details of migrating Discoverer metadata and reports to Oracle BI Enterprise Edition. Learn about the parameters to consider while migrating Discoverer system infrastructure to Oracle BI Enterprise Edition. Hear how Oracle Discoverer metadata and worksheet concepts correspond to Oracle Business Intelligence Suite Enterprise Edition Plus concepts and how to create Oracle Business Intelligence Suite Enterprise Edition Plus physical, logical, and presentation layers with Oracle Discoverer information. See best practices of Oracle Discoverer's metadata conversion assistant for accelerating metadata migration to the OBI EE suite

Pre-requisite: It is required that the attendees are aware of Oracle BI tools and technologies. It is desired to have good understanding of Discoverer and/or Oracle BI EE (Siebel Analytics).

From Oracle Forms to Oracle ADF – The Why and How

Shmeltzer, Shay, Oracle

Are you currently using Oracle Forms and looking at possible migration/transition to another technology? In this session we'll explain when does transition makes

sense, and what you should take into account before embarking on the new road. We'll also show you why Oracle believes that Oracle ADF is the next logical step for Oracle Forms developers – focusing on the similarities between the technologies, the advantages of Oracle ADF, and what Oracle is doing to make the transition simpler.

Go Green, Save Green: Virtualization at Oracle On Demand Case Study

Miller, Avi, Oracle

As an IT professional, you face growing challenges: rapid, unpredictable change; unrelenting competitive and regulatory pressures; tight budgets; and increasing concern for the environment. Now is the ideal time to consider a grid computing approach to modernising your data centre. This talk is an overview of how Oracle On Demand uses new grid technologies to: * Improve efficiency with server clustering and load balancing * Drive IT agility with on-demand provisioning, automation, and real-time predictive monitoring * Boost availability with disaster protection, failover strategies, and quality of service management * Green your operations with server consolidation, virtualization, and energy-saving best practices.

How to implement the perfect ERP system

Lord, Ian, and Niven, Alex, Ernst & Young

With so many ERP implementations going live with a multitude of complex interrelated issues, (which can often take years to rectify), it is hard for companies to understand what or how they could have done things differently. This presentation will outline the critical components (with current real life examples) of a successful ERP implementation including: - Stakeholder support, sponsorship and overall strategy - People, functional and technical readiness - As-Is business documentation maturity - Business requirements - ERP vendor market scan, evaluation and selection - Project planning and governance/ Project team selection/ change management - Conversion/security/testing/ cutover/training/support processes - Continuous improvement process

Introduction to Python

Kemp, Jeffrey, Western Power

If all you've known for the last five years is SQL and PL/SQL, it's time to broaden your horizons. Python is a great language to learn - it takes very little time to become productive, it's easy to integrate with the Oracle database, and is the perfect "glue" to fill in the gaps with just about any other system or interface you need to integrate with. Jeffrey will introduce you to this fun little language that comes with "batteries included", demonstrate how to run SQL and PL/SQL from Python, and inspire you to get the most out of both. You will still want to keep your business logic in the database, but to

get those little tasks done that are often too fiddly to do in PL/SQL, Python may very well be the answer you're looking for.

Oracle Database Machine Exadata 2 to Turbo-Charge Your Data Warehouse

Patel, Chandu, Deloitte Consulting

Along with an introduction to the state of data warehousing today, and a brief description how various solutions emerged in the marketplace to address the need for faster data warehouses, this presentation discusses salient features of recently announced next generation Oracle Database Machine (ODM) – Exadata 2. Firstly, it discusses the Data Warehouse Appliance (DWA) technology and Oracle's Optimized Warehouse Initiative (OWI) and gradually builds background for the detail description of Oracle Exadata technology. It discusses how these technologies addresses the business need of fast retrieval of aggregate and analytic data from multi terabyte databases. The advantages and pitfalls of using a DWA and an OWI/ODM are explained with examples. It also explains the technical reason as to why a DWA and an OWI/ODM are so fast for data retrieval from a multi terabyte data warehouse. It also highlights potential challenges that could be encountered while migrating a conventional data warehouse to a DWA or an OWI/ODM.

Pre-requisite: General understanding of Data Warehousing and Business Intelligence.

Oracle Designer RIP? – A First Look At Oracle Data Modeler

Ong, Howard, Aurora Consulting

Like many Oracle developers, the author has endeared himself to Oracle Designer for many years. Ever since Oracle placed Designer on maintenance support (the equivalence of life support for a software package), Designer's faithful band of followers have been waiting for Oracle to introduce the next killer data modelling tool. The introduction of SQL Developer Data Modeler is a glimmer of light in a very long tunnel. This paper examines the features of Data Modeler and attempts to answer the all-important question: are we ready to turn off Designer's life support system?

Pre-requisite: An interest in Corporate Data Modelling.

Oracle Discoverer Discovery Session - The Future is Fusion

Williams, Gary, Delexian

Oracle Discoverer 11g was released in July 2009 with little fanfare or the same hype that the larger Oracle Fusion Middleware received. Is that an ominous precursor to the future of Discoverer? Discoverer 11g is a major release in the lifecycle of Discoverer offering new functionality, including published Discoverer

Webservice APIs, integration with Oracle WebCenter, integration with Oracle WebLogic Server, integration with Enterprise Manager (Fusion Middleware Control). With the inclusion of Oracle Business Intelligence Standard Edition One (OBISE1) and Oracle Business Intelligence Enterprise Edition Plus (OBIEE Plus) customers now have several products (or suites of products) available to choose from. Questions you may be asking yourself are: * What is the strategic roadmap for Oracle Discoverer? * Will Oracle continue to provide support for Oracle Discoverer? * What is new in Discoverer 11g? * Can I migrate my Discoverer investment to OBIEE Plus or OBISE1? * Are there utilities I can leverage to ease the migration of my Discoverer End User Layer (EUL) and Workbooks? * And ultimately, what will happen if I stand still and do nothing? These and other questions will be addressed by Gary in this presentation.

Pre-requisite: This presentation is aimed at existing Discoverer Administrators and Users concerned about the future development investment and strategic direction of Oracle Discoverer.

Oracle Flashback: Reducing Recovery Time

Araujo, Andre, Pythian

Protecting databases against data loss and human errors is an important part of every DBA's job. Traditional approaches to achieve that include backups (logical and physical) and the implementation of standby databases. "Logical data corruption" is a not so rare problem caused by human errors such as accidentally deleting data or dropping a table. Recovering from these errors may be a time consuming and challenging experience without the right planning and technology. In addition to the traditional approaches for protection against human errors, the Oracle Flashback technology provides a set of new features to view and rewind data back and forth in time. It complements the Oracle recovery technology reducing the time needed for recovery from such situations. In this session, through slides and quick demos, we'll see the features of the Oracle Flashback technology and how they can be used to reduce recovery time for logical data corruption situations. We will also look at the new Flashback features added in 11g, like Flashback Data Archive (Oracle Total Recall).

Pre-requisite: The listener should have a good understanding of Oracle's traditional recovery techniques and of how data protection and consistency is achieved by Oracle through the use of redo logs and undo segments.

Oracle JDeveloper 11g JAX-WS Web Services: As Easy as 1-2-3 - XSD, WSDL, Generate!

Muir, Chris, Sage Computing Services

Creating XML schemas, long-winded Web Services Description Language (WSDL) code, and back-end Java

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code took much effort. Today Oracle JDeveloper 11g enables developers to visually design both the schemas and WSDL code by drag and drop and generate Web services based on both of these with the latest Java EE JAX-WS/JAXB Web service standards with just a few clicks. Finally programmers can get back to thinking about the programming problem they need to solve without wasting time setting up the Web service artifacts, which can be tedious, error-prone, and very repetitive. Learn more in this session.

Performance Management - Top 10 Traps.

Thakkar, Megh, CPT Global Ltd

In our quest for achieving optimal system performance, we tend to follow several methods and techniques. Some of these techniques are empirical in nature and use a scientific approach while others are artistic in nature and rely on rule-of-thumbs and past experience. Managing the performance of a system involves a number of activities, some of which are technical in nature while some are not. Some of the common tasks include problem diagnosis, resource utilization monitoring, applying best practices, optimizing architecture and application, capacity planning, configuration and tuning. This presentation will discuss some common traps that are experienced while managing the performance of our systems regardless of the technique used. Tips to recognize and avoid these traps are discussed so that the desired results can be achieved.

Pre-requisite: The target audience for this presentation is Oracle DBAs, database designers and architects.

PL/SQL: It's all in the Presentation

Hall, Tim, Oracle-Base.com

In 2008 AUSOUG members picked Tim Hall as the best speaker for the Gold Coast conference. This year hear Tim Hall tell you why PL/SQL is still at the forefront of data processing in the Oracle database even after many years. But times are a changing and so have application development tools. During this half day session Tim will demonstrate how PL/SQL programmers can present data in a variety of ways, allowing PL/SQL and PL/SQL developers to stay relevant in their company, regardless of the company's development strategy.

Tim Hall is an Oracle Certified Professional (OCP) DBA (7, 8, 8i, 9i, 10g, 11g), Oracle Certified Associate (OCA) PL/SQL Developer, Oracle ACE Director and was chosen as Oracle ACE of the Year 2006 by Oracle Magazine Editors Choice Awards. He has been involved in DBA, design and development work with Oracle databases since 1994.

He has gained a wide knowledge of the Oracle software stack and has worked as a consultant for several multi-national companies on projects ranging from real-time control systems to OLTP web applications. Since 2000 he has published over 350 articles on his website

(www.oracle-base.com <<http://www.oracle-base.com>>) covering a wide range of Oracle features.

Rebooting the UML: Emphasising "Language" Over "Modelling"

Robinson, Phil, Lonsdale Systems

It is more than 10 years since the author gave his first presentation on the UML at an Oracle conference in Perth. Since then, many would argue that the UML has failed to take the world by storm. Some see the popularity of Agile techniques as a backlash against bloated "methodologies" that advocate "modelling for modelling's sake". This paper takes a second look at the "Unified Modelling Language" and argues that perhaps the mistake has been to place too much emphasis on "modelling" and not enough on "language". The session is packed with practical tips on how to apply the UML in new and innovative ways.

Session 1: Introduction to Application Express

Cookson, Penny, Sage Computing Services

This session will provide an introduction to Apex for developers who have not yet gained experience with the product. This session will describe the functionality of the product and demonstrate its use to build a small system. If you are not currently familiar with Apex, attendance at this session will provide you with a basis of information to allow you to make sense of the remaining sessions in the day.

The final part of the session will look at future directions of the product and what we can expect in the next versions.

Session 2: Developing a Really Cute Application Using Ajax

Cookson, Penny, Tindall Ray, Sage Computing Services

In the past, many web applications have delivered a poor user interface experience. This session will delve into the use of Ajax within Application Express to create applications that provide a much more responsive user interface. The use of manual techniques and also the various plug in extensions to Apex will be covered, along with a detailed description of just what Ajax is and how it is implemented in Apex.

Session 3: Best Practices in Apex Development

Cookson, Penny, Sage Computing Services

Application Express has been around for a few years now, and developers have had time to consider the best ways to use the product. This presentation will describe some of the best approaches to using the product.

Topics will include:

- Managing Workspaces
- Templates
- Where to put your code

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- Security
- Documenting an Apex application
- Tips and techniques for ease of development

Session 4: Trials & Tribulations of an Oracle Forms -> Apex Conversion

Wesley, Scott, Sage Computing Services

One of the hot topics these days questions how long you should keep hold of your long standing, hard working Forms application. Oracle support timeframes for Forms has been quite fluid over recent years and ultimately you may need to make a move.

Depending on the size and complexity of your application, a number of options present themselves.

Application Express is one such option. The question remains, however, is there some black box tool we can use to plug our Forms in and have it pump out Apex pages? And how much assistance does this tool need before and after the conversion process?

This presentation will cover some of the considerations you may need to make when contemplating this event. We'll show what happens when you convert a form with various types of components and reveal the gaps, if any, you'll find at the other end.

Let's not forget the other components of our Forms application. What about PL/SQL libraries, reports, menus? Is it worth tackling some of these items manually? We shall see...

SOA for Database Professional

Jellema, Lucas, AMIS

SOA is a hot topic and Oracle is pushing the BPEL Process Manager and in its wake the Enterprise Service Bus so forcefully that probably something is going on. However, many Oracle Database professionals are not really clear about what it is or what it means to them. Is BPEL a world apart from plain old PL/SQL programming? Is SOA irrelevant to database administrators, database designers and SQL programmers? Or should they care?

This day long session explains in a high level overview on the key SOA concepts. It introduces WebServices and the key XML mechanisms, such as XSD, SOAP, WSDL and a touch of XPath and XSLT. It describes the respective roles of BPEL PM and the Enterprise Service Bus. It will then demonstrate how from PL/SQL programs – and even from SQL queries – SOA Services offered in BPEL or ESB can (and sometime meaningfully should) be leveraged, for example to perform operations across databases or even heterogeneous data stores. We walk through a case of defining and publishing a service in a hospital that makes patient data available from the database to the SOA environment. All steps from defining the Service to actually publishing it and calling it from a BPEL process are discussed and demonstrated.

The session will spend quite some time on the ways the

Oracle SOA Suite – both ESB and BPEL PM – can work with the Oracle Database through the Database Adapter. The session discusses some of the ways in which the database can contribute to the SOA. It also explains what can be gained from the SOA infrastructure: how services can be

leveraged from the database. Even if there is not yet a SOA Suite implementation - some of the key SOA concepts can be applied for 'normal' database design and development, and we will discuss those in detail.

The session will have a large number of demonstrations - SQL and PL/SQL in SQL*Plus as well as JDeveloper and the runtime BPEL and ESB consoles

SOA Lite: A Taste of SOA with a Smidgen of Web Services

Muir, Chris, Sage Computing Services

Attempting to gorge yourself on a five-course SOA meal may result in a stomach-ache and a bill you can least afford at the moment. Instead, a quick and easy recipe with some simple Web services ingredients will give your systems that little taste of SOA you so crave. This session describes why Web services may be a better fit for you than SOA, discusses qualities of contemporary Web services and what skills to focus on when starting out with Web services, and presents a few hints and tips from the Web service trenches.

SQL-ectric!

McDonald, Connor

Remember the good old days when writing SQL meant knowing SELECT, FROM and WHERE , plus how to use TO_CHAR and TO_DATE to handle those pesky dates. Fast forward to 2009, and the Oracle 11g SQL is a mind-boggling 1500 pages long, and even that is only because the good folks at Oracle moved the SQL features for data warehousing, objects, OLAP, XML, Text and Intermedia into their own manuals!

Our inability to keep up with the wealth of goodies available in SQL, often means we too quickly resort to a 3GL coding solution - which can be more complicated, slower or just plain wrong.

So let's spend half a day getting up to speed with some of great SQL facilities available in Oracle 10g and 11g, and look at some techniques to maximise the benefits of SQL-centric solutions. Key focus areas will be Analytics (rarely used, but they've been there since version 8!) and the MODEL clause.

The easy R12 upgrade ... and other mythical stories!

Preston, Graham, Wesfarmers Energy

This presentation provides a warts and all expose of the ups and downs of upgrading from Oracle e-Business

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Suite 11i to R12. Based on a recent upgrade experience at Wesfarmers Energy the presentation will outline some of the major difficulties encountered and strategies used to mitigate them. The presentation will also offer a customer view of how R12 really stacks up against the marketing hype.

Pre-requisite: Listeners would benefit from some background in using or implementing the Oracle e-Business Suite. Personnel who will be involved in an upgrade will find this session particularly relevant

The History of Oracle - the early years

Hollows, Scott, Seeristic

The history of the early years of Oracle, the people and technology from inception to the first few releases. Includes input from a recent interview with Bruce Scott who was the first Oracle employee after its three founding members, co-author and co-architect of the Oracle database up to v3. An interesting insight a time when Oracle was a tiny company that dared to do the impossible.

Pre-requisite: SQL, PL/SQL experience

The Oracle Fusion Development Platform – an Overview

Shmeltzer, Shay, Oracle

This session provides an overview of the components involved in developing Oracle Fusion Applications. The session covers Oracle JDeveloper, Oracle ADF, Oracle WebCenter and the Oracle SOA Suite and explains how they are integrated to create the Fusion architecture. A specific focus is placed on the development experience with demos illustrating the declarative and visual approach to enterprise application development. Learn how to leverage Oracle Application Development Framework (Oracle ADF) - A framework that simplifies the development of Java-based applications with built-in solutions to simplify the creation of both business services and user interfaces. See how you can leverage the technology today as well as getting your organization ready for the upcoming Fusion Applications.

Thanks for the Memory

Harrison, Guy, Quest Software

Using memory to avoid disk IO is one of the most effective means of optimizing Oracle performance. Oracle uses memory – SGA and PGA – to reduce the overhead involved in database reads and writes, sorting and hash operations and in parsing SQL and PL/SQL. Memory configuration has a direct impact on your databases CPU and IO overhead and so is crucial to optimal performance. Although each recent release of Oracle has added automatic memory management

capabilities, it's still critical that the DBA carefully configure memory to avoid thrashing between memory regions, starvation of specific memory areas or to generally improve performance. In this presentation we'll look at how Oracle uses memory regions such as the buffer pools, PGA, the shared pool, large pool, redo buffers and the result set cache. We'll see how each of these can be sized to improve performance and how best to configure automatic management were appropriate.

Pre-requisite: Basic Oracle DBA experience

Time to get control of your source code with Subversion!

Anstey, Brenden, Delexian

Have you ever written some code that someone else has then overwritten or even overwritten your own code by using an out of date version? Where is your source code? Is it on your hard drive, in one of a few databases or on a network share? How do you manage multiple developers making changes to source code at the same time? The answer – Subversion! Subversion will revolutionise the way you manage source code allowing concurrent development as well as versioning literally anything on your hard drive or in the database. Subversion can create a secure central repository of all your source code and bring your development outfit to another level of expertise and professionalism. In this talk Brenden will cover the theory and terminology behind proper version control of source code and also demonstrate Subversion in action. Topics covered are: - Version control terminology - Installation and security, web interfaces and Subversion clients - Development process with Subversion and tips for concurrent development - Backing up your repository.

Time Travel Back To The Future With Oracle 11g Total Recall

Soorma, Gavin, Bankwest

Businesses are increasingly realizing the immense value that historical data can provide to help them understand market trends and customer behaviour as well. Further, many regulatory and compliance policies mandate retention of historical data. Until now, this unfortunately involved application rewrites, administration overheads or costly third-party software solutions. Total Recall or the new Oracle 11g Flashback Data Archive feature has greatly enhanced the flashback technology which was introduced in Oracle 9i to make it far more than just a tool to recover from logical corruptions and human error. It is now an out-of-the-box Information Life Cycle Management tool and provides ease of management of historical information and long term secure data tracking with minimal performance overheads. 11g Flashback Data Archive provides the automated ability to track and store all transactional changes to a table over its lifetime without

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having to build this intelligence into your application
This presentation will also demonstrate the steps involved in creating, enabling, disabling and purging a Flashback Data Archive as well as some the restrictions and limitations that we need to be aware of.

Pre-requisite: Basic knowledge of information life cycle management

Top 10 Tips for Oracle Performance

Harrison, Guy, Quest Software

The Oracle RDBMS is highly tuneable with many options for optimizing performance. However, the sheer quantity of tuning options can be overwhelming, and you can waste precious time unless you know which tuning activities are most likely to provide a return on your time investment. In this presentation we'll review ten of the fundamental Oracle performance tuning practices and see how to use these in a systematic way to improve Oracle performance. Topics will include workload and SQL optimization, identification and elimination of key contention points, configuring memory to avoid physical IO, and disk IO optimization.

Unravelling the spaghetti - techniques & tools to examine your apps

Hollows, Scott, Seeristic

Tips and tools for developers to obtain information about data and processes. Great for developing, debugging and understanding your Oracle apps. Topics include grep the database, monitor and analyze data access and data changes, advanced tracing and extended table information. Semi-select triggers thrown in as an added bonus. Focused on SQL and PL/SQL developers, but most content will be useful to all Oracle developers. Dip into Scott's toolkit of developer goodies.

Using Editions in 11gR2 - A look at how this proposed new capability in 11gR2 works and how it can be used by organisations.

Armitage, Tim, Oracle

Pre-requisite: This will be technical and attendees will be expected to have a reasonable level of Oracle knowledge.

Using Oracle's E-Business suite multi-org functions to provide integrated HR/Payroll and Financials to multiple organizations

Nicholson, Guy; Kirk, Brian; Shone, John, Department of Primary Industries

The presentation will be cover the structure and business model of Shared Business Systems within the Victorian Government and the work that they

undertake with to the E-Business suite. This will cover the E-Business suite including single instance, Multi Orgs with the same Chart and HR Structures. Recent achievements include an upgrade to 11.5.10.2 and adding additional clients to the HR/payroll system. He will also cover some future activities including Hardware Setup and the use of custom apps.

Pre-requisite: An interest in the use of the Multi Org functions would be useful.
