

Abstracts Submitted for NZOUG 2010

Note: This document lists the abstracts that have been submitted for NZOUG 2010. It is not intended to imply that any or all of the abstracts have been accepted for the conference programme.

| | Presenter Name | Organisation | Abstract Title | Abstract |
|---|------------------|----------------|-----------------------|--|
| 1 | Harrison, Mr Guy | Quest software | Thanks for the Memory | <p>Abstract: This presentation will provide an outline of how Oracle uses memory from a performance point of view. We'll start by reviewing the Oracle memory architecture and consider how this memory is used to reduce datafile IO, temporary segment IO, redo IO and parse overhead. We'll also look at the new 11g Result Set cache The presentation will summarize the tools Oracle provides for memory management including the advisories, Automatic Shared Memory Management (ASMM) and Automatic Memory Management. Attendees will see how to configure each of these to best effect and to avoid common pitfalls including miss-configuration of memory, thrashing between or starvation of memory areas and latch contention for shared memory.</p> <p>Summary: 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.</p> <p>Benefits:</p> <ul style="list-style-type: none"> • Understand how Oracle uses memory to improve performance • Become familiar with Oracle memory capabilities including memory advisories, Automatic Shared Memory Management and Automatic Memory Management • Understand how best to configure manual or automatic memory management to optimize performance and avoid bottlenecks |

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| 2 | Harrison, Mr Guy | Quest software | Performance by Design | <p>Abstract: This presentation outlines the key considerations that database designers, application architects and developers should take into account when constructing an efficient Oracle application. The presentation covers the major principles of database modelling with particular consideration on when and how to use Oracle specific features (secure files, object types, Materialized views, etc) to optimize a physical data model. An overview of the various Oracle indexing and clustering mechanism will be presented and guidelines introduced for choosing between options such as the default B-Tree index, bitmap indexes, hash clustering and so on. Finally the presentation will consider the Oracle client APIs such as JDBC and OCI, and how to use these in an application to exploit array processing, client side caching, reduce parse management and generally optimize the interaction between the application and the Oracle database.</p> <p>Summary: It's a sad fact that we spend more time dealing with performance after development than during design. Yet it's usually the architecture and design of an application that limits its ultimate performance potential. This presentation looks at the principles of designing a high-performance Oracle application. It starts by considering the general principles of logical and physical database design, indexing, and transaction structure. It then looks at Oracle- specific considerations such as partitioning and clustering, SQL statement parsing, data fetching and caching, and the use of PL/SQL.</p> <p>Benefits:</p> <ul style="list-style-type: none"> • Appreciate the relationship between early design decisions and the ultimate performance of an application. • Understand the principles of designing a high performance Oracle data model, including entity to table mappings, selection of data types, indexing and clustering options. • Understand how Oracle's various client APIs allow the application to interact with Oracle, and how to optimize those interactions to minimize overhead and contention. |
| 3 | Harrison, Mr Guy | Quest software | Top 10 tips for Oracle performance | <p>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.</p> |
| 4 | Fookes, Mr Greg & Lynne O'Donoghue | Hewlett Packard NZ University of Canterbury | Jump on the Oracle Service Bus – Destination: a hosted procurement solution | <p>The University of Canterbury needed better compliance and increased efficiency in the procure-to-pay business process. To achieve this, a web hosted supplier catalogue solution was adopted and integrated to Oracle Purchasing. The project had to be implemented quickly but the integration had to be extremely robust. A perfect opportunity for some 'SOA adoption', but what does this mean and how do you do it?</p> <p>This presentation cuts through the technical jargon to tell you how, with the help of HP, University of Canterbury got onto the SOA highway using the Oracle Service Bus and Oracle BPEL Process Manager. Take the first steps on your SOA journey and at the same time hear about the benefits achieved in arriving at the destination.</p> |

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| 5 | Petkov, Mr Zar | Objectron Corp | Visitor and Chain of Responsibilities Patterns in Oracle Coherence | The article discusses how to use the Oracle Coherence Command Pattern to implement Chain of Responsibilities (multiple Command Objects hitting single Context) and Visitor Pattern (single Command Object hitting multiple Context Objects) in asynchronous mode. Then it shows how these patterns can be implemented in synchronous way via a sample implementation of the Entry Processor interface. An example of usage is presented with two Use Cases of a Student Application Management system for the Chain of Responsibilities pattern and a Student Assignment Management system for the Chain for the Visitor Pattern. A comparison of the benefits and circumstances of usage is presented. |
| 6 | Morgan, Mr Daniel | University of Washington | What's New In Eleven Dot Two | Oracle Database 11gR2 contains new functionality, as well as substantive enhancements to existing functionality, such as Advanced Compression, PL/SQL Warnings, even new ways to create tables and indexes. This presentation, by Oracle ACE Director Daniel Morgan, will be live in SQL*Plus and will demonstrate the use of the most valuable of these new features. The presentation will include demos from Morgan's OpenWorld presentation on Advanced and Hybrid Columnar Compression, from Morgan's OpenWorld Unconference presentation, and from Bryn Llewellyn's OpenWorld presentation on Edition Based Redefinition. |
| 7 | Freeman, Robert | LDS Church | Beginning RMAN Backup and Recovery | Perhaps you are new to Oracle, or perhaps you have been doing Oracle for a long time and you want to know about this RMAN thing or maybe you tried RMAN in Oracle 8 and just gave up on it. Whatever the reasons, this session will help those with little or no RMAN knowledge to get up to speed on using RMAN for backup and recovery of your Oracle Database. RMAN is a powerful and stable backup and recovery platform, which offers a number of recovery features that make life easy for the DBA. Covered in this presentation will be: <ul style="list-style-type: none"> • Reviewing the RMAN architecture • Configuring RMAN for backup and recovery • The RMAN Recovery catalog • Using RMAN to backup your database • Using RMAN to restore your database. |
| 8 | Freeman, Robert | LDS Church | Advanced RMAN Backup and Recovery | RMAN is Oracle's premiere backup and recovery product. This session is for those who are familiar with basic RMAN usage and who would like to dive deeper into some of RMAN's more advanced features. In this session you will learn about <ul style="list-style-type: none"> • RMAN point-in-time recovery of a database • Flashback Database features • RMAN database duplication • Ways to tune RMAN backup operations • How to monitor RMAN database operations. |

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| 9 | Freeman, Robert | LDS Church | Oracle New Features You May Not Be Aware Of | <p>Each new version of Oracle Database introduces literally hundreds of new features. In my consulting, teaching and general work I find that there are a number of handy new features that people are often not aware of. In this presentation we will introduce you to a number of these new features over previous versions of Oracle that you might not be aware of and demonstrate their use. New features to be discussed include:</p> <ul style="list-style-type: none"> • The merge command • Creating materialized views made easier • Compression in Oracle Databases • Encryption in Oracle Databases • DDL lock timeout • RMAN inter-file backups parallelism • Data Recovery Advisor • Partitioning features • Pending, published and private statistics • Restoring to previous statistics |
| 10 | Hall, Dr Timothy | ORACLE-BASE.com | PL/SQL: It's all in the presentation! (Part 1) | <p>PL/SQL is still at the forefront of data processing in Oracle application development, but times are a changing and so have application development tools. During this two-part presentation, 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. Key focus areas include ref cursors, pipelined table functions, XML and PL/SQL web services.</p> |
| 11 | Hall, Dr Timothy | ORACLE-BASE.com | PL/SQL: It's all in the presentation! (Part 2) | <p>PL/SQL is still at the forefront of data processing in Oracle application development, but times are a changing and so have application development tools. During this two-part presentation, 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. Key focus areas include ref cursors, pipelined table functions, XML and PL/SQL web services.</p> |
| 12 | Hurley, Patrick | Nominet | Introducing Data Pump | <p>This is an introduction to Oracle's data transfer utility Data Pump. I will describe Data Pump, comparing both its features and its performance with the older exp and imp utilities. I will give practical demonstrations, to show how easy it is to use this utility. I will also describe how I used it to migrate a 100GB database from Oracle 10.1 on Solaris to Oracle 10.2 on Linux.</p> |
| 13 | Hodges, Mr Barry | Oracle NZ | Achieve Extreme Performance with Oracle Exadata and the Oracle Database Machine | <p>The Oracle Database Machine delivers extreme performance to OLTP and speeds up data warehouses by 10x or more. This session describes how the Oracle Database Machine delivers these immense speedups through its balanced hardware configuration, high network bandwidth, and groundbreaking Oracle Exadata Storage Server technology. The session also provides examples from benchmarks and customer implementations of the performance you can expect from an Oracle Database Machine.</p> |

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| 14 | Hodges, Mr Barry | Oracle NZ | Continuous Database Application Evolution with Oracle Database 11g Release 2 | Performing an application upgrade with new versions of tables, views, and packages without downtime—that is the objective of many organisations striving for high availability of applications. A related objective is to run several versions of an application in parallel, with some users running against one version and others against another. In this session, learn how these objectives can be met and how database development can be organised using capabilities in Oracle Database 11g Release 2. The session includes tips for migrating users and client applications one by one to the latest versions of the database objects without loss of availability; guidelines for benefiting from Release 2 functionality in this area; and a demo. |
| 15 | Chand, Mr Pranilesh | gen-i | Oracle 11g RAC on RHEL5 with EMC SAN | At gen-i, we try to deploy the best solutions to our clients which includes all the best practices. Hence, we recommended deploying Oracle 11g RAC with a single instance DR database managed by Oracle 11g Dataguard for one of our clients when they asked for a very highly available solution for their new application. Oracle RAC technology has been evolving and getting better in every release. From Oracle 9i to 11g, we have seen dramatic improvements in the way it is installed, configured and managed. Although there are installation guides available, there is always something new to be learnt in every install, especially, if it involves new OS versions. In this presentation, we will explore how to install Oracle 11g RAC on RHEL5 with EMC SAN disks and configure Dataguard to be used to manage the single instance DR database. It covers the following topics: <ul style="list-style-type: none"> - Some 11g New Features - Oracle 11g RAC Architecture. - OCR and Voting Disks configuration on RHEL5 with EMC SAN disks. - Using ASM over OCFS2 and best design practice. - Installing and configuring Oracle 11g RAC with some important findings. - Putting Dataguard flavour into the solution to make it more robust and reliable. |
| 16 | Chand, Mr Pranilesh | gen-i | Tuning to Live | Database tuning is a very wide and specialized area and the DBA normally should know what they are doing. As newer versions come out, there are more automatic tuning capabilities introduced helping the DBAs to identify bottlenecks more quickly and resolve issues faster. However, there is a licensing cost for this. In this presentation, we will be sharing some real life database performance issues faced by our various clients at gen-i. We will explain how the performance bottlenecks were identified and issues resolved. The scenarios covered will be for clients with Enterprise Edition with Tuning Pack license and clients with Standard Edition without any Tuning Pack licence. |

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| 17 | Visser, Mr Arjen | Avisit Solutions Ltd | Perl - A DBA and Developers best (forgotten) friend. A beginners guide to Perl | <p>This paper re- introduces Perl as a language of choice for many solutions for DBA's and developers. Discover what makes Perl so successful and why it is so versatile. Perl may not be in the lime light as other languages, but it truly is a remarkable language for development and is still very current with ongoing development. Companies such as Oracle and VMware use it as part of their latest software releases. Discover what makes Perl so successful and why it is so versatile. Perl can automate all those manual daily tasks and is truly platform independent so that scripts can now run on Linux, Unix and Windows.</p> <p>There are many DBA's and Developers who would like to know Perl but do not know where to start. If you are a Perl beginner or if you have used Perl in the past, this presentation will give you a solid introduction to the language fundamentals plus some best practices, so that you have the building blocks to start writing scripts in Perl. At the end there is a homework assignment to ensure there is motivation to begin learning Perl.</p> <p>Agenda:</p> <ul style="list-style-type: none"> - What makes Perl so great - What can I use Perl for - What not to use Perl for - CPAN, what is it and how can I use it - Perl language overview - Making Perl portable - Perl and Oracle - Best way to learn Perl - Small Perl project to take away |
| 18 | Samaniego, Mr Robert | Middleware New Zealand | AIA - Framework for successful integration | <p>Oracle Application Integration Architecture (AIA) was introduced in 2007 with the objective of providing a framework to help organizations improve integrations between Oracle applications and business process implementation. It provides industry reference models, templates and patterns to simplify development and deployment.</p> <p>Oracle AIA has been successfully implemented by several global companies, and its application is gaining momentum in New Zealand. This paper presentation discusses the first implementation of Oracle AIA in New Zealand – the key implementation requirements and lessons learnt. The high level architecture and technical implementation will also be discussed which includes the technologies used, such as Oracle FMW BPEL, ESB and Web Logic Server to integrate JD Edwards Application and Oracle E- Business Suite.</p> |

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| 19 | Tocker, Mr John-Paul | Red Rock Consulting | Building the Ultimate Oracle Stack. A best practices guide to implementing Oracle Enterprise Linux, 11g RAC on ASM | Oracle can now provide a fully integrated technology stack, built from the ground up, to give organizations one support provider with a fully certified and finely integrated robust and agile solution. Oracle Enterprise Linux is a robust, Enterprise level, operating system that provides only what you need and nothing you don't. Automatic Storage Management sits on top, giving more control over disk management and providing a disk layer that is optimized specifically for the Oracle stack. Oracle Real Application Cluster 11g provides the foundation for a scalable and highly available database. The customized operating system and storage layer provide a higher performing platform than in the past, that meets specific intricate requirements of the database and application. Oracle provides the tools and materials, and the application of solid best practices and methodologies are needed to build your robust, scalable and powerful database server. Detailed planning and future proofing your operating system and storage configuration will allow you to extend your RAC, grow your file systems and consolidate your systems. Organizations are now seeing the benefits of standardization, reduced complexity, increased resiliency, improved scalability and better management processes via a single, integrated and targeted technology stack. |
| 20 | Tate, Mr Richard | Oracle NZ | Introducing Oracle GoldenGate: Comprehensive Real-time Data Integration and High Availability | "Oracle GoldenGate, a recognised industry leader for enabling non-invasive real-time capture and delivery across heterogeneous systems, extends Oracle's data integration capabilities with the fastest, most scalable real-time data integration solution. It also adds capabilities for maintaining uptime of business-critical applications during migrations and upgrades. This presentation discusses the benefits of Oracle's data integration strategy for today's customer - a strategy that includes a comprehensive approach for real-time data movement, ETL/ELT, data services, data quality, data management and multimaster (active-active) database integration for continuous availability." |
| 21 | Taylor, Mr James | Oracle NZ | Build Fusion Applications Today with JDeveloper | Oracle JDeveloper provides an extremely productive development environment that covers the full development lifecycle and integrates features addressing the multitude of technologies used for building standard-based enterprise applications. This presentation provides an introduction to JDeveloper's tooling to building enterprise applications. The following topics will be covered: - Application Development Framework (ADF) - SOA Suite - Webcenter Suite |
| 22 | Forbrich, Mr. Hans | Forbrich Computing | Connecting to the Oracle Database using connection pooling and proxy user authentication | Oracle Database has a variety of ways to authenticate users. Application Servers usually require some form of connection pooling to maintain efficiency. The session discusses setting up Oracle Proxy Authentication together with Oracle App Server and BEA connection pooling to achieve enhanced security that takes advantage of Oracle Database security and session capability as well as meets the connection pool requirements. |
| 23 | Forbrich, Mr. Hans | Forbrich Computing | Configuring Oracle Listener and Database Services for Service Level Agreements | Services and auto-registration have been part of the database repertoire since Oracle 8i. This presentation provides a quick overview of services, shows how to configure the database and the listener for auto-registration of services, and use that capability for managing service level agreements and resource management. The session includes a discussion of initialization parameters, and implications to database security and service agreements. |

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|----|-----------------|-------------------------|---|---|
| 24 | Muir, Mr Chris | SAGE Computing Services | Oracle JDeveloper 11g Web Services: As easy as 1-2-3 (double session) | Web services used to be hard. Creating XML schemas, long-winded Web Services Description Language (WSDL) code, and back-end Java 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. |
| 25 | Muir, Mr Chris | SAGE Computing Services | Back to basics: Simple database web services without the need for SOA | Oracle is heavily heading down the SOA line which can be intimidating to database programmers with no experience in the web service arena or running application servers, let alone SOA. This presentation will identify as a first step that database programmers can make use of database packages like utl_http, utl_dbws and 11g's Native Web Services for consuming and publishing web services without adopting SOA straight off the ranks. Agenda: * Basic web service terminology: HTTP, SOAP, WSDL, RPC vs Document styles * Consuming web services from the Oracle Database options * Investigation of utl_http and utl_dbws * Publishing native web services from the Oracle 11g Database |
| 26 | Ruiz, Mr Juan C | Oracle | The Fusion Development Framework - an Oracle ADF 11g Overview | This session provides an overview of the new Oracle Application Development Framework (Oracle ADF) 11g release. 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, Oracle ADF, with Oracle JDeveloper, provides a visual and declarative development approach that provides unparalleled productivity for building enterprise applications. Oracle ADF is the framework at the base of Oracle's upcoming Fusion Applications and has been used by multiple organizations to increase their development productivity. |
| 27 | Ruiz, Mr Juan C | Oracle | Fusion Development Tools for Applications Developers | Do you have an existing Oracle E-Business Suite application or an application from Oracle's PeopleSoft or Siebel that can use a face-lift? This session shows you how to build rich Internet applications that interface with your legacy system and provide your users with modern Web interfaces that leverage Ajax and Web 2.0 technologies. Get an overview of the development architecture and experience for leveraging Oracle Application Development Framework on top of your existing applications. |
| 28 | Ruiz, Mr Juan C | Oracle | RIA and Web 2.0 Development without coding | 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. |

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| 29 | Ruiz, Mr Juan C | Oracle | Fusion Design Fundamentals | Oracle JDeveloper 11g and the Oracle Application Development Framework (Oracle ADF) open up a whole world of possibility for custom development of database applications. You now have a lot of tools and capabilities to play with, so exactly how should you start? This session looks at some of the core design patterns and golden rules that have emerged out of Oracle's own Fusion development project to create the next generation of business applications. Although the scale may be very different from the work you are undertaking, many of the principles are identical and the core aim of maximizing developer productivity is key. |
| 30 | Harris, Mrs Erica | Environment Waikato | Secrets to Success for Implementing Hyperion Planning | Oracle Hyperion Planning was implemented at Environment Waikato in 2008 in just under six months. The project was a joint venture between Environment Waikato and Indigo, an Oracle Hyperion Partner. It completed on time and on budget. This presentation reveals how a collaboration between a vendor and a customer <i>can</i> be highly successful. It will also provide an update on the successful upgrade of Hyperion Planning from V9.3 to 11.1 in 2009. |
| 31 | Naranjo, Mr Mauricio | Lucasian Consulting Services | The process of modeling Enterprise Architectures | This technical session presents step-by-step the activities and deliverables related to Enterprise Architecture Modeling, which includes: defining a vision architecture, business architecture, information systems architecture (data and applications) and technology and solutions architecture. Real examples on financial and telecommunications industries will be shown to attendees to explain the concepts in a concrete way as well as some guidelines to implement the governance strategy and architecture change management process. |
| 32 | Hoskins, Mr James | Aspire Corporation | Report Manager for FSG's in R12, Farewell ADI Toolbar | Learn how to stop unexpected changes to key Row and Column Sets by making them read only for most users. Learn about the new Report Repository and a practical example of how one site has implemented this. Submit FSG's from the new form and view them in Spreadsheet, HTML or Acrobat. Provide some practical options on using the new FSG template format, its pitfalls and potential. Understand the profile options and configure the reports to provide drilldown to source transactions. Explain the Option to create a central responsibility for Managers to be able to view FSG's. Show that with Content Sets the report can be secured so each specific manager viewing the same FSG only see the departments they are authorised to review. Report Sets can have their publishing defaults saved so it can be much quicker to publish the reports to the Repository. |
| 33 | Piper, Mr Gary | PIPER-RX | A better approach to OEBS workflow management | 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 focussing 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. |

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|----|-----------------|----------------|--|---|
| 34 | Piper, Mr Gary | PIPER-RX | Effective OEBS Application monitoring and management – latest news, views and techniques | <p>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.</p> <p>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:</p> <ul style="list-style-type: none"> • Workflow management • User activity profiling • Response time measure and problem solving • Concurrent manager activity profiling <p>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:</p> <ul style="list-style-type: none"> • what information to collect • how to collect it • what it means • what to do about it <p>...and yes, there is plenty of free code and reports for you to use to help you with these tasks.</p> |
| 35 | Broad, Ms Karen | healthAlliance | A series of case studies demonstrating procure to pay process improvements | <p>Health Alliance offer shared core business services functioning within a vision of centres of excellence. It is their aim to be the first choice in service provision for New Zealand healthcare providers. Hosted currently on their 11.5.9 instance of Oracle are Counties Manakau District Health Board, Waitemata District Health Board, and Taranaki District Health Board. These implementations support the delivery of financials, supply chain, and procurement services.</p> <p>To realise their vision of excellence, healthAlliance focuses on a program of continuous process efficiency. This looks towards using the Oracle application suite to facilitate automation and electronic process development. Some of the key objectives of automation are to deliver to customers:</p> <ol style="list-style-type: none"> 1. the means to improve efficiency of staff resources - to be customer focused, not system focused 2. faster processing times 3. improved data accuracy and integrity 4. single processes across all DHB’s 5. more business critical information <p>This presentation will show a series of case studies to demonstrate the achievements of these within the capabilities of the standard Oracle e-business suite for the procure to pay process.</p> |

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| 36 | Simpkins, Mr Dave | Asparona Ltd | 10 Good Reasons for Using Oracle EBS Advanced Procurement | <p>“Business is difficult – nobody wants to invest in software in this uncertain business climate!” – a common cry in today’s challenging business world. But a real opportunity for those applications that support the core processes of the business and, especially, if they allow these processes to become more effective. Procurement is central to almost every business. In addition, small improvements in the procurement function can result in significant improvements to the bottom line. Oracle EBS Advanced Procurement creates opportunities for significant (rather than just small) improvements to the procurement function of the business. The functionality inherent in the applications is particularly powerful and is capable of unlocking real value.</p> <p>In this presentation, we will identify and discuss 10 of these opportunities, and indicate how they can be realised. This will be done from both a business and a functional (software) perspective. This discussion will focus mainly on the non traditional areas of the application with specific emphasis on sourcing and contract management, but will also touch on the other processes of procurement.</p> |
| 37 | McLaren, Russ | Solid Energy NZ Ltd | Implementing Oracle eAM at Stockton Alliance | Not available |
| 38 | McLaren, Russ | Solid Energy NZ Ltd | Upgrading to E-Business Suite Release 12 with Oracle on Demand | Not available |
| 39 | Keys, Mr Simon | Oracle NZ | New Approach to Oracle Applications Performance Management | <p>Oracle Real User Experience Insight (RUEI) enables enterprises to maximize the value of their business critical applications by delivering insight into real end user experiences. It can help identify lost revenue from frustrated users, reduce support costs by lowering call center volumes, accelerate problem resolution of poorly performing applications, and help businesses adapt to changing needs by providing insight into business trends and user preferences. It integrates performance analysis and usage analysis into a single offering, enabling business and IT stakeholders to develop a shared understanding into their application users experience.</p> <p>Oracle RUEI's passive monitoring capability is built using state of the art Network Protocol Analysis technology, which does not require any modification, changes, or instrumentation of the application. Its passive monitoring approach allows enterprises to deploy in production, without requiring costly test/QA environment validations.</p> <p>This presentation will cover RUEI overview and include a demonstration of performance management of Oracle Applications.</p> |
| 40 | Palmer, Mr Kevin Griffith, I | TrustPower Ltd Asparona Ltd | Oracle Financials R12 Implementation at TrustPower - An Overview of What we Did, How we Did it, and What We Learnt | <p>Oracle Financials at TrustPower</p> <p>In 2009 TrustPower implemented Oracle Financials Release 12. Kevin Palmer is the Financial Controller at TrustPower, and will talk about the project from a business perspective. Kevin will discuss TrustPower’s pre-Oracle systems, why Oracle?, key objectives from the project, and give an overview of the specific requirements to be met by the project. Irene Griffith was the Oracle Functional Consultant for the project, and will talk about the project from an Oracle perspective. She will cover the modules that were implemented (General Ledger, Accounts Payable, Fixed Assets and Cash Management), the key differences between R12 and 11i for these modules, and what that meant to the project. She will also discuss what was needed to meet Kevin’s key requirements, and the tools used along the way. Between them they will talk about some of the things that worked well, what the challenges were, and some of the lessons learnt.</p> |

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|----|---|-------------------------------|--|--|
| 41 | Roberts, Mr Gareth | Virtuate | Scan, Attach, Send, Approve: Electronic Document Case Studies | <p>Paper documents piling up in your office? Struggling to find hardcopies of documents? Want efficiency gains through document automation? If you answered YES! then this is for you. Take a practical look at the functionality of Document Attachments in the Oracle eBusiness Suite via a set of case studies for Electronic Documents/Images:</p> <ul style="list-style-type: none"> - Increase efficiency and productivity by scanning and attaching Payables Invoices, and using document images in the AP Invoice Approval Process - Enforce your brand by using company logos and text phrases in customer facing documents - Add key documents to communications by enabling attachments in emails generated from the Oracle eBusiness Suite <p>The presentation is focussed on cutting costs and delivering value by getting the best from standard core Oracle eBusiness Suite + Business Intelligence / XML Publisher functionality, plus introduces the ScanToEBS product to deliver scanning capabilities.</p> |
| 42 | Roberts, Mr Gareth | Virtuate | The BEST reporting solution! | <p>What is the BEST reporting solution for the Oracle eBusiness Suite? What do you have now? What do you want? And how can you get it? This presentation probes these questions and addresses issues:</p> <ul style="list-style-type: none"> - Why standard Oracle eBusiness Suite reporting doesn't deliver - What is reporting? A classification of Oracle eBusiness Suite reporting as it stands today - A look at case studies of solutions recently implemented by Virtuate - Where is Oracle eBusiness Suite reporting headed? <p>The presentation is focussed on getting value for money and increasing access to vital information through the use of technology delivered or integrated with the Oracle eBusiness Suite TODAY!</p> |
| 43 | Munoz Alvarez, Francisco Miranda, Horacio | Database Integrated Solutions | Tips and Best Practices for DBA's | Not available |
| 44 | Munoz Alvarez, Francisco Pedersen, Scott | Database Integrated Solutions | Oracle Security Tips : Some easy ways to make your DB more secure! | Not available |
| 45 | A Chin | Hewlett Packard | Oracle Policy Automation - An overview of OPA and how this rules engine can be used to manage and automate policies within your organisation | Not available |
| 46 | J Gooding | Oracle | Developing an iPhone app in Oracle ADF in 45 minutes | Oracle Application Development Framework provides multiple client deployment options. This presentation will showcase some of the features of building applications and specifically for mobile devices using the Oracle ADF framework, with hands on approach to see the features introduced in the 11g ADF release. In this interactive demo session, I will build a mobile phone application (targeted at iPhones) in 45 minutes using Oracle Application Development Framework 11g. |

| | Presenter Name | Organisation | Abstract Title | Abstract |
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| 47 | A Goryunov | Pythian Australia Ltd | New Features of Oracle Data Guard 11g | The presentation will overview new features of Data Guard in Oracle 11g with real examples for some interesting and more useful of them. Data Guard command line enhancements will be discussed there as well from the perspective of new features and how they can simplify switchover/failover operations. Snapshot Standby new feature of Data Guard will be presented as straightforward operation that came to substitute list of manual actions in 10g. Active Data Guard option will be exposed as a feature not only allowing to apply changes to standby database while it is opened for read-only operations but as well as for block change tracking type of backups at standby site. |
| 48 | A Goryunov | Pythian Australia Ltd | Remote capabilities of Scheduler Agent in 11g | Abilities of Scheduler in Oracle Database are being enhanced at every new release of database. Starting from 11.1 the new feature - Scheduler Agent is available. The agent can execute different tasks (OS commands, PL/SQL code) at remote servers (w/o installed Oracle RDBMS) and/or databases. Release 11.2 added new feature for Scheduler - remote file watchers. Remote Scheduler Agent can monitor appearance and change of files at remote servers and retrieve information about them. The presentation will give short overview of installation of agents (GUI, silent) and will show how to set the procedures to execute OS commands remotely using database server. Remote File Watchers setup and configuration will be presented to show how workflow to monitor creation and modification of files can be used for different needs. |
| 49 | S Keast T Hume | Asparona NIWA | A case study on implementing Oracle Projects Enterprise Suite in a large and complex NZ Organisation | The National Institute of Water and Atmospheric Research Ltd (NIWA) is a leading Crown Research Institute that is heavily engaged in project work. NIWA runs a large number of inter-disciplinary project teams which manage a diverse range of projects in scientific research and consulting services. There are approximately 1600 projects raised and closed every year with 400 Project Leaders and a revenue of \$120M PA. Since it was formed in 1992, NIWA has grown significantly in size and complexity and with the diverse range of projects, geographical separation of team members and the challenge of tracking and managing them to a successful conclusion beginning to outstrip the capability of the existing largely paper-based project management system. As a long time user of the Oracle e-Business suite, Project Costing and Billing were business critical applications, the time has arrived for NIWA to assess how the new Oracle Projects Enterprise Suite could be leveraged to provide an integrated solution which could replace and/or enhance current Project Management systems. Asparona was engaged to provide expertise in scoping the project and provide consulting services on implementation of the appropriate solution as a pilot. NIWA upgraded from 11.5.9 to 12.06 earlier in 2009. This paved the way for the impending changes when a decision was made to implement Oracle Project Management, Resource Management, Project Collaboration and Portfolio Analysis. The Project commenced in January 2010 and will run until May 2010. This presentation will provide insights into the reasons why NIWA started the project, features of the Oracle projects Enterprise suite, and how the Pilot is proceeding. |

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| 50 | G Nadkarni | Infosys Technologies Limited | Oracle Ammunition for Non Production Environments | <p>As organisations are growing in size and scale, managing IT environments for non production has become critical to be assured of the quality and predictability of releases as well as to keep costs under control. Negligence to control non production environments leads to proliferation of environments and escalation of costs. With no industry best practice guidance on how to manage non production environments, testing and operations managers are left grappling to adopt haphazard means to bring some sense into the environments madness. To manage environments, it is imperative to have unique identifiers for environments which can be used to tag the complex tangle of elements which constitute an environment. It is a less publicised fact that database instances provide one of the best candidates to be used as an environment identity, to which the attributes of an environment can be tagged. The author shares his experience of how database identifiers are used to define and track the IT environment attributes. Oracle Enterprise Manager is used to manage oracle environments. The author extends this concept further to describe how it can be effective in managing IT environments in general. The author correlates usage of database identifiers as environment identifiers with best practices for managing services for non production environment management. Selective features from Oracle Tools such as Oracle Helpdesk, Oracle Service, Oracle Enterprise Manager and Oracle Business Intelligence are tied up to Environments Service Management for optimum combination of best practices and technology needed for environments management. Focused and centralised management of non production environments has been seen to provide cost savings of up to US\$ 2 Mn or more. This paper will be of interest to technology managers (especially oracle users) as it provides experiences and proven best practices for environments management which they can adopt for their IT shops.</p> |

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| 51 | P Sharma | Infosys Technologies Limited | Environment Management - Classic concepts & New perspective | It's commonly unstated fact that effective Management and Governance of production environment for any organisation has always been top priority and there would be appropriate measures in place to best possible extent to ensure that IT handles all the business operations uninterrupted. With the growing scale of dependency on IT as key business driver; it's (now -a-days) equally important to be critical about management of non production environments. Organisations can't afford any laxity to control non production environments as it could lead to proliferation of environments; finally resulting into escalation of management efforts and compromise with the quality of what's getting fed in the production. The complexity and ever-changing nature of non-production environments leads to limited visibility and far-reaching impact from environment defects, including production outages. To ensure bug free and "with-in budget" delivery of any project, it is important to have right kind of management to deliver "fit-for-purpose" testing experience and operational support during testing. This paper shares the need of automation and monitoring around non production environments, where multiple projects perform their own testing but require access to shared resources to provide development and testing environments. And how use of "Oracle Real User Experience Insight" (to integrate performance and capacity analysis, monitoring and on-time reporting) in conjunction with essential best practices (for managing services for non production environment management) can lead to improved quality, efficiency and productivity. Author shares his experience of building sound management & governance strategy around non production environments by identifying challenges (to manage expectations of multiple stakeholders at different levels) and recommending probable customer oriented solutions (to effectively meet most of the expectations from process, people and technology standpoint). |

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| 52 | B Teahan | Terralink International Limited | Telecom Location Management Using MapViewer | <p>As a result of the Telecom shared services split and the need to manage their data more effectively, Terralink was contracted to design, and build:</p> <ul style="list-style-type: none"> ☒ a new database to automate the supply of geo-spatial data. ☒ a centralised repository for address information. ☒ tools for Telecom users to automatically verify and update new addresses. <p>Telecom's Location Management project was responsible for providing this service and required Telecom to migrate existing location information and applications to a new database hosted on a shared Oracle Locator server architecture. This database and application provides address updates and verification as well as replicating nightly the geo-spatial location data from Terralink International Limited. The introduction of the new Oracle Locator server as a single master Location environment within Telecom:</p> <ul style="list-style-type: none"> ☒ supports the separated application environments among Retail, Wholesale and Chorus. ☒ reduce the number of sources of address data throughout Telecom, as a single master to share common data among the business groups. ☒ provides a rules-based data update entry point for the creation of new and changed addresses within the current 2.73 million service address database. <p>The implementation of the Location Management project in two phases is presented describing Phase One which established the Location Management Server, with a fully populated and functional system running at Telecom and Phase Two which established the interfaces, including the Address GUI for address searching and maintenance.</p> <p>This presentation describes the architecture using the Oracle Fusion Middleware MapViewer and the connection with the database PL/SQL procedure and triggers. The MapViewer GUI is displayed showing how addresses are searched, created and maintained for all of New Zealand and how existing systems are integrated. Some insights into the creation of a new database, application and software for a large corporation are also discussed.</p> |
| 53 | Y Velikanov | The Pythian Group | Oracle Applications Cloning Best Practices | <p>This presentation will cover the Oracle Applications cloning best practices. What is Applications cloning? How to implement cloning with almost no impact on source system? How to make Oracle Applications Cloning from complicated manual task a simple procedure you can run on daily basis? The Author will share his many years experience in that area. He will give you useful hints on how to make the process more complete and successful.</p> <p>This presentation has been presented several times including such big events like UKOUG Conference.</p> |
| 54 | Y Velikanov | The Pythian Group | 11GR2 Clusterware silent revolution | <p>This presentation will give you a review of technical layout of the recently released Oracle Fusion Middleware suite. It will explain how Oracle has integrated different WebLogic components with Oracle Application Server. The presenter will give you a practical advice on how to install and configure newest version of Oracle Fusion Middleware.</p> |
| 55 | Y Velikanov | The Pythian Group | Oracle Fusion Middleware 11g - technical components and implementation details | <p>This presentation will give you a review of technical layout of the recently released Oracle Fusion Middleware suite. It will explain how Oracle has integrated different WebLogic components with Oracle Application Server. The presenter will give you a practical advice on how to install and configure newest version of Oracle Fusion Middleware.</p> |

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| 56 | Y Velikanov | The Pythian Group | All DBA should know about new 11GR2 SCAN Listeners implementation | Single Client Access Name (SCAN) is a new Oracle Real Application Clusters (RAC) 11g Release 2 feature that has been missing to make the HA solution complete. After that session you will get a clear idea of main SCAN listeners' functions, architecture and DB connections redirection flow, possible load balancing and troubleshooting options. You will be prepared to start the 11GR2 RAC implementation inline with Oracle recommendations and avoiding some typical first implementation mistakes the author saw in practise today. |
| 57 | Y Velikanov | The Pythian Group | EBS R12.1.2 - top ten features for Apps DBAs and maintenance teams | R12.1 is the flagship Oracle e- Business Suite release today. It has started to be available just recently and is going to be the target version for all EBS customers for next several years. This session will give you the answers to the following questions: What are the main technical improvements in R12.1.x version? How these improvements will impact existing maintenances and development processes (patching, cloning, performance etc)? What problems have been addressed in this release? What issues still need additional efforts and attention from Apps DBA and maintenance team side? |
| 58 | Y Velikanov | The Pythian Group | Automatic Storage Management - 11G R2 features for mission critical systems | Do you want to here about 11GR2 ASM related new features? This presentation is for you! ASM is one of the mainstream storage options for Oracle DB today. Many Oracle customers either use it today or considering it for new systems. This session's goal is discuss the ASM features that make it one of the best options for putting Oracle database files on. We briefly will go through the ASM concepts and talk about features what Oracle introduced in the latest RDBMS versions. At the end we will have a discussion on what is still missing and what would be the main areas to pay attention to when implementing ASM today. |