Oracle OpenWorld & JavaOne
Preview sessies

Programma

Tijd				
16.30 – 17.00	Ontvangst			
Sessie 1 17.00 – 18.00	Tweekoppig panel: Frank Houweling Real-World Load Testing of ADF Fusion Applications Demonstrated Richard Olrichs Enforcing Code Guidelines by Extending JDeveloper's Auditing Framework'	Lucas Jellema How Fast Data Is Turned into Fast Information and Timely Action	Jacco Landlust Oracle's take on DBaaS	
18.00 – 18.45	Diner			
Sessie 2 18.50 – 19.50	Richard Olrichs en Wilfred van der Deijl Power en Easy Oracle ADF Data Control for XML en Webservices	Luc Bors Real-Life Oracle Mobile Application Framework: Things You Don't Learn from the Developer Guide	Alex Nuijten Oracle Database 12c for Developers	Paul Bakker en Jago de Vreede Lessons learned from a large scale OSGi web app
Sessie 3 20.00 – 21.00	Lucas Jellema Marrying together the worlds of ADF and HTML5 & AngularJS	Lonneke Dikmans, Ronald van Luttikhuizen en Lucas Jellema An Oracle ACE Production: Oracle Fusion Middleware 12c Live Development Demo	Marco Gralike Starting with JSON Path Expressions	Kees Jan Koster Sturen van samenwerken begin bij het sturen van jezelf
21.00 – 21.30	Netwerkborrel			

Sessie 1   17.00 – 18.00 uur

Two-person panel   Frank Houweling & Richard Olrichs
In this session, a panel of Oracle Application Development Framework (Oracle ADF) experts discusses some best practices for managing complex Oracle ADF projects. How do you automate your build environment? How do you ensure the quality of your code? How do you test for performance? This session covers tools and techniques such as Maven, code auditing, and application testing utilities.

Real-World Load Testing of ADF Fusion Applications Demonstrated
Speaker: Frank Houweling

Abstract
After passing all functional tests, many web applications fail under the regular load conditions. Just 100 active users may be sufficient to cause severe errors and a decline in performance. In this session, load testing of ADF applications with the Oracle Application Testing Suite and Apache JMeter will be discussed and demonstrated. With these tools, you have an analysis-instrument to do performance analysis and regression analysis after new patches/releases. A proper managed load test also gives insight in the effects configuration parameters. The speaker will share best test practices to perform load tests and offer typical solutions for creating an efficient, scalable ADF application.

Biography
Frank Houweling is an Oracle ADF and Java specialist with AMIS (The Netherlands). He focuses mainly on Oracle Fusion ADF, Java Enterprise development and performance management. During the past years he has been requested several times as troubleshooter of ADF projects with bad performance. As such he has been performing performance analysis, bottleneck detection and developing mitigating solutions based on these analysis. He is also the creator of the AMIS ADF Performance Monitor, an advanced monitor that can identify, report and help solve performance bottlenecks in ADF Fusion applications.

Enforcing Code Guidelines by Extending JDeveloper's Auditing Framework'
Speaker   Richard Olrichs

Abstract
Quality Assurance doesn't always get the attention it needs during a project. Maintaining and enforcing organization defined quality rules can be seen as a chore. Having code quality audited while coding is much more efficient than manually peer reviewing afterwards. We will not only demonstrate the powerful Oracle JDeveloper built-in auditing tools, but will also show how to extend it with your own auditing rules, create your own automated code fixes, and how to integrate automated auditing with your build automation.

This session shows JDeveloper's Auditing features and other free tools to enable you and your team to consistently deliver high quality code whether it is ADF, SOA, BPM or any other technology supported by JDeveloper.

Biography
Richard Olrichs is from the Netherlands. In 2007 Richard completed his IT study and started working at MN, an administrative company for different retirement funds in the Netherlands.
Since then Richard has been working with Oracle Fusion Middleware technology, mostly concentrated on Oracle ADF. Over the years he developed himself to become an senior ADF developer at MN. Richard runs a blog at www.olrichs.nl to share ideas, thoughts and findings about Oracle ADF with the rest of the community.
At this conference he'll not only share some of his thoughts and ideas, but also represent a view as an Oracle customer on this technology.

How Fast Data Is Turned into Fast Information and Timely Action
Speaker   Lucas Jellema

Abstract
Fast data is big data, continuously streaming in, from which information is to be learned in (near) real time. This session demonstrates how Oracle Event Processing is used to analyze live streams of data to find patterns, deviations, and aggregates. The findings are reported in the form of business events that are pushed in live dashboards to Oracle Business Activity Monitoring, which also evaluates business rules on the business events and takes action when required. Examples to be demonstrated in this session include car sensors, website traffic, Twitter feeds, and bank run detection. Oracle SOA Suite 12c, WebSockets, Oracle Application Development Framework (Oracle ADF) active data visualization tools components, and JMS are used to process, forward, and act.

Biography
Lucas Jellema is an experienced Java and Oracle developer and architect, working for AMIS in The Netherlands. Lucas has more than to 20 years of experience in a wide variety of projects, organizations and technologies. He has been nominated Oracle ACE Director for Fusion Middleware. He is a frequent presenter at JavaOne, Oracle OpenWorld, NLJUG and other user group conferences around the world. He also teaches Masterclasses on various topics such as SOA & BPM, Database Development and Java application architecture. He frequently writes at http://technology.amis.nl and has also authored the Mc GrawHill publication Oracle SOA Suite 11g Handbook (2010).

Oracle's take on DBaaS
Spreaker   Jacco Landlust

Abstract
One of the the large topics for this year's OOW is going to be database as a service (DBaaS). This session will give an overview of Oracle's take on DBaaS and introduces you to the road to the cloud; how to implement DBaaS in your organization.

Biography
Jacco Landlust, working as an independent consultant in the Netherlands, has been working with Oracle software since 2000 (RDBMS Oracle 7.3, AS 1.0.2). His strong knowledge of the Linux operating system, J2EE application servers and RDBMS's makes him an all-around Oracle technician.

In 2006, Jacco was granted an Oracle ACE award. Jacco's main areas of focus is currently designing infrastructural architectures and troubleshooting stability and performance issues in clustered environments. Since 2013 Jacco is platform architect for Oracle Consulting Core Technology.

Sessie 2   19.00 – 20.00 uur

Power en Easy Oracle ADF Data Control for XML en Webservices
Speakers   Richard Olrichs en Wilfred van der Deijl

Abstract
Many organizations want to leverage their existing or newly developed web services in Oracle Application Development Framework (Oracle ADF) applications. Oracle ADF's data binding layer provides a declarative way to access different types of data controls. Several of these data controls can be used to access XML content. They tend to be either easy to implement or very powerful. As a result of the Oracle ADF community's effort, now there is a free open source XML Oracle ADF data control that is both simple and powerful. It can be used with SOAP web services, Oracle Business Process Management human tasks, or any other XML data. It is declarative, without the need for JAX-WS proxies or custom beans—although it is extensible with custom code. Come to this session to learn more.

Biography Wilfred van der Deijl
Oracle ACE Director Wilfred van der Deijl is an independent Oracle contractor with a focus on Fusion Middleware and ADF. He brings more than fifteen years of development and technical experience to his role. Wilfred is an active member of the Oracle community; he runs his own Oracle Fusion Middleware blog at redheap.com, is a member of two of Oracle's Customer Advisory Boards, was featured in Oracle Magazine, is an OTN author, and a frequent (award winning) speaker at events including ODTUG KScope, UKOUG Tech, and Oracle OpenWorld.

Real-Life Oracle Mobile Application Framework: Things You Don't Learn from the Developer Guide
Speaker Luc Bors

Abstract
Oracle Mobile Application Framework, released earlier this year, is based on Oracle ADF Mobile. A great developer guide is available for creating Oracle Mobile Application Framework apps, but when you're building your first Oracle Mobile Application Framework app, you'll run into issues you can't solve by reading it. Think of the performance issues of taking pictures with modern devices. Images can require up to 5 megabytes apiece. Your device won't be able to work with them unless you come up with a solution. How can you make your application look like a native app? What can you do to create a gridlike springboard? These topics misisng from the developer guide are what this session covers. You will learn solutions for these and other real-life Oracle Mobile Application Framework issues.

Biography
Luc Bors is an Oracle ACE and ADF expertise lead at AMIS. He has years of experience as a senior ADF developer and architect and writes regular articles for international magazines, websites, and the AMIS technology blog. He is the author of the Oracle Press Book on Oracle Mobile Application Framework. Luc is a frequent presenter at international conferences such as Kscope and Oracle OpenWorld. In 2011, he was the best speaker at Kscope in the Fusion Middleware track.

Oracle Database 12c for Developers
Speaker   Alex Nuijten

Abstract
Do you want to get up to speed with the most current release of Oracle Database? If so, this session is for you. You will learn about the most exciting and useful new features of Oracle Database 12c that can make your work as a database developer a lot easier. There is more to Oracle Database 12c than just pluggable databases.

Biography
Alex Nuijten works as a key consultant for Ordina Oracle Solutions in The Netherlands. Besides his consultancy work, he conducts training classes, mainly in SQL and PL/SQL. Alex has been a speaker at numerous international conferences, such as ODTUG, Oracle Open World, UKOUG, IOUG, OUGF, OGH and OBUG. He was part of the Nordic ACE Directors Tour in 2012. He is also a frequent contributor at the Oracle Technology Network forum for SQL and PL/SQL. He wrote many articles in Oracle related magazines, and at regular intervals he writes about Oracle Application Express and Oracle database development on his blog "Notes on Oracle" (nuijten.blogspot.com). Alex is co-author of the book "Oracle APEX Best Practices" (published by Packt Publishers). In August 2010, Alex was awarded the Oracle ACE Director membership.

Lessons learned from a large scale OSGi web app
Speakers: Paul Bakker en Jago de Vreede

Abstract
Building a large-scale, multidevice product in the cloud that changes the way students learn in high schools turns out to be not entirely trivial. This session's speakers have been building PulseOn for the last two years. They have faced many technical challenges and have tried many different technologies. Some ideas turned out to be extremely helpful, and some others that looked promising turned out to be bad practices. In this session, they discuss what they have learned about building modular, scalable web applications and go into different areas of the technology stack, from storage and (NoSQL) databases to a modular RESTful back end and a multidevice HTML5-based front end. They also discuss the cloud and topics such as autoscaling and failover.

Biography Paul Bakker
Paul is a software architect for Luminis Technologies and the author of "Building Modular Cloud Apps With OSGi". He believes that modularity and the cloud are the two main challenges we have to deal with to bring technology to the next level, and is working on making this possible for mainstream software development. Today he is working on educational software focussed on personalised learning for high school students in the Netherlands. Paul is an active contributor on open source projects such as Amdatu, Apache ACE and BndTools.

He has a background as a trainer on Java related technology and is a regular speaker on conferences such as JavaOne, Devoxx and JFokus and was awarded a JavaOne Rockstar Speaker award in 2012.

Biography Jago de Vreede:
Jago is software developer at Luminis Technologies and is the technical team lead of a high profile application build with OSGi, Amdatu and AngularJS. He has spoken on several conferences including EclipseCon 2013.

Sessie 3   20.00 – 21.00 uur

Marrying together the worlds of ADF and HTML5 & AngularJS
Speakers   Lucas Jellema en Paco van der Linden

Abstract
Leveraging the full power of HTML5 and the capacity of modern browsers, rich client applications are very popular right now. In this session we will demonstrate how we can bring the world of HTML5 and AngularJS to ADF applications. We take rich reusable TagCloud component and integrate it into a standalone AngularJS application. Next we embed the AngularJS module inside an ADF TaskFlow. This taskflow is then reused in a regular ADF web application and participates in ADF skinning, internationalization and customization. The rich client component receives data from the ADF application and exchanges events with it. The flexibility, [multitude of] resources and richness in functionality offered from the HTML5/AngularJS world beyond ADF can still be integrated with and leveraged from ADF. This presentation provides a solid introduction into the question how to achieve thus.

Biography
Paco is first and foremost an ADF specialist and working as ADF consultant at AMIS. Up until 2011, Paco was one of the leading ADF experts for Oracle in The Netherlands. He also played an important role in the development team of Oracle JHeadstart 11g. No matter where he works or what he works on, Paco gets his satisfaction from achieving the seemingly impossible. This has resulted in a number of interesting findings, a few of which he will present on this conference.

An Oracle ACE Production: Oracle Fusion Middleware 12c Live Development Demo
Speakers   Lonneke Dikmans, Ronald van Luttikhuizen en Lucas Jellema

Many presentations discuss various parts of the brand-new Oracle Fusion Middleware 12c stack. In this very special panel session, attendees will see at close range how it all comes together and what steps are necessary to create an end-to-end Oracle Fusion Middleware application in 12c. A team of brave administrators and developers shows how to develop different parts of an end-to-end Oracle Fusion Middleware application. Their work will be monitored live while a moderator solicits audience questions. The team consists of Oracle Fusion Middleware specialists from the Oracle ACE Director program, including Lonneke Dikmans, Simon Haslam, Lucas Jellema, Ronald van Luttikhuizen, and Guido Schmutz.

Biography
Lonneke is a consultant and managing partner at eProseed. She is a certified BPMN professional who specializes in integration and SOA/BPM solutions. She has hands-on experience with process modelling, web services, service oriented architecture, and traditional J2EE applications on different platforms in a wide variety of industries. Besides acting as a solution architect and technical lead she advises companies that are setting up Service Oriented Architectures. Lonneke is an Oracle Ace Director and a Fusion User Experience Advocate and speaks regularly at conferences in Europe and the United States and publishes frequently on the internet and in magazines.

Ronald is an consultant and managing partner at Vennster, a consultancy focusing on SOA, BPM, and User Experience. He has experience in IT in various roles such as coach, architect, (lead) designer/developer, analyst, and team lead. Ronald currently focuses on information and solution architecture in SOA and BPM environments. Ronald is a frequent blogger, author and presenter at national and international conferences. Ronald is Oracle ACE Director for Middleware & SOA.

Starting with JSON Path Expressions
Speaker   Marco Gralike

Abstract
The latest 12c database (be aware: version 12.1.0.2) incorporates brand new functionality of handling unstructured and semi-structured data in the form of JSON data. Just like SQL can be used for relational data or XPath for XML documents, the new JSON Path Expressions language can be used to query JSON formatted data.
JSON is heavily used in the world for, among others, the (asynchronous) exchange of data structures, AJAX, web server environments. Now JSON can be finally stored, handled and queried directly in the database via this new standard. This presentation demonstrates and explains the use of the new native (database) JSON Path Expression functions, operators, conditions and restrictions of the latest database 12c version.

Biography
Marco Gralike has experience as a DBA since 1994 (Oracle 6). He is also eager and skillful in other fields, like Operating System Administration and Application Servers, mainly to find working performing solutions. He has been specializing in Oracle XMLDB, unstructured data since 2003, focusing on his old love, database administration and performance. He is a dedicated contributor of the Oracle User Group community, OakTable member and ACE Director, helping people with their steep XMLDB, database or Unstructured Data learning curve. To this purpose, Marco devoted his personal blog site to XMLDB (www.xmldb.nl) and other Oracle (data) issues. Related topics: Database: Database 12c New Features, Database: Database Features & Options.

Sturen van samenwerken begin bij het sturen van jezelf
Speaker   Kees Jan Koster

Abstract
Van de architect wordt verwacht dat hij voorop loopt bij veranderingen. Hij moet veranderingen niet alleen initiëren, maar vooral zijn omgeving erin betrekken en meenemen op de weg naar de nieuwe omgeving. Dat stelt hoge eisen aan het eigen leiderschap van de architect.

In deze presentatie bespreekt Kees Jan modellen die de architect inzicht geven in zijn eigen handelen en het handelen van anderen.

Hij past de in de architectuur gebruikelijke modellering technieken toe om interactie tussen mensen inzichtelijk te maken. Hij gebruikt UML diagrammen om te laten zien hoe gesprekken kunnen ontaarden in ruzie. Met hetzelfde UML model legt hij uit wat de architect kan doen om zo'n gesprek weer constructief te maken.

Voortbouwend op dit model bespreekt Kees Jan hoe een architect kan omgaan met steeds terugkerende discussiepunten en hoe een architect zijn leiderschapsstijl kan aanpassen aan zijn gesprekspartners.

De luisteraar verlaat de zaal met simpel toe te passen modellen om eigen gedrag en gedrag van anderen te begrijpen. Kees Jan laat zien hoe de architect dat inzicht kan gebruiken om zijn eigen gedrag aan te passen, om zo anderen op een positieve en aanstekelijke manier in actie te krijgen en beter samen te laten werken.

Biography
Kees Jan Koster is Java expert en ondernemer. Als Java expert specialiseert hij in performance tuning van grote, gedistribueerde systemen. Kees Jan spreekt graag en energiek over Java en over gedistribueerde systemen, waarbij hij het publiek uitdaagt om vragen te stellen en weerwoord te geven.