Virtual Developer Day—Harnessing the Power of Oracle WebLogic and Oracle Coherence

Take your development skills to the next level with Oracle WebLogic, Oracle Coherence, and advances in developer tools.

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Agenda and Abstracts for

Virtual Developer Day: Harnessing the Power of Oracle Weblogic and Oracle Coherance

Tuesday, October 29th, 2013
9:00 a.m PT. – 1:00 p.m. PT/12:00 p.m. ET – 4:00 p.m. ET/1:00 p.m. BRT - 5:00 p.m. BRT

08:45 AM	Platform Opening	
9:00 am	Keynote: Mike Lehmann - Oracle Cloud Application Foundation	
	Track 1 Design & Develop	**Track 2** Build, Deploy & Manage
9:45 AM	HTML5 Application Development with WebLogic Server / Doug Clarke	Build, Test and Deploy with Maven and Oracle CAF / Steve Button
10:30 AM	Visualizing and Processing (Twitter) Events in Real Time with Oracle Coherence / Noah Arliss	Roll Out a Complete Oracle Fusion Middleware Environment in Less Than 10 Minutes / Edwin Biemond, Oracle ACE
11:15 AM	Exploring ADF 12c and Java EE Development in Eclipse / Greg Stachnick	Configuration Management with Chef and Puppet / Chinnappa Codanda
12:00 PM	HANDS ON LAB HTML5 Application Development with WebLogic Server	HANDS ON LAB Build, Test and Deploy with Maven and Oracle CAF

* Homework – Please install and set up the HOL for whichever track you want to attend before the event so you get the most out of the sessions. Instructions can be found on the event wiki https://wikis.oracle.com/display/vddharnessingoracleweblogic/Home

Abstracts

Keynote
Keynote: Oracle Cloud Application Foundation / Mike Lehmann Oracle Cloud Application Foundation is a tightly-integrated, productivity-focused foundation for your most demanding next-generation application development. Join us for an overview of Cloud Application Foundation advances to get primed for your developer day sessions.

Track 1: Design & Develop
HTML5 Application Development with WebLogic Server / Doug Clarke HTML5 and mobile applications leveraging a thin server architecture are having a major impact on how Java EE services are developed to support them. Oracle WebLogic Server is advancing quickly to address the needs of these applications with WebSockets, RESTful data services, and JSON infrastructure. This session covers the support for these enabling technologies available in Oracle WebLogic Server today and introduces the advancements that will be coming in future releases with projects such as Avatar.
Visualizing and Processing (Twitter) Events in Real Time with Oracle Coherence / Noah Arliss In this session, you'll see how to visualize and process live events, using Twitter as an example. It explores in detail how to create a dynamic HTML5 Web application that interacts with Oracle Coherence as it's processing events in real time, using the Avatar project and Oracle Coherence's Live Events feature. In addition, you'll leverage Oracle Coherence's new Managed Coherence Servers and Maven integration features to experience the improved development lifecycle capabilities in Oracle Coherence.
Exploring ADF 12c and Java EE Development in Eclipse / Greg Stachnick This session will explore the capabilities of Oracle Enterprise Pack for Eclipse to drive developer efficiencies for WebLogic and Coherence out of the box.

Track 2: Build, Deploy & Manage
Build, Test and Deploy with Maven and Oracle CAF / Steve Button A growing trend in the IT industry is the use of agile development methodologies coupled with continuous integration services, providing IT with the ability to confidently and reliably execute on development projects. Oracle WebLogic Server 12.1.2 continues to extend its level of support with Apache Maven, enabling it to be easily and efficiently used within these modern development practices. This session demonstrates the new Maven-related capabilities of Oracle WebLogic Server 12.1.2: the ability to push Oracle Database libraries into a Maven repository using a standardized set of project object models; use enhancements in the Oracle WebLogic Server Maven plug-in to execute goals without a local installation; explore the new archetypes to help jump-start development projects.
Roll Out a Complete Oracle Fusion Middleware Environment in Less Than 10 Minutes / Edwin Biemond, Oracle ACE Rolling out a configured Oracle WebLogic Oracle Fusion Middleware environment with Oracle Service Bus and Oracle SOA Suite can be hard and time-consuming. It takes more than 50 steps (such as Oracle WebLogic domain configuration). When you need to change the JVM, you need to do it all over again and clone this environment to all your servers. With the Puppet configuration management tool and the open source Oracle Fusion Middleware Oracle WebLogic Server module, you can roll out a Oracle WebLogic environment in less than 10 minutes. Just define a Puppet class, add servers to this template, and monitor the result. The outcome will always be the same, and changing Oracle Fusion Middleware or the JVM will be easy, with less downtime. This session shows you the steps
Configuration Management with Chef and Puppet / Chinnappa Codanda This session provides detailed information on how the Oracle platform integrates with common configuration tools such as Chef and Puppet. The integration is discussed in the context of using Oracle Virtual Assembly Builder as a tool to create assemblies and using Chef and Puppet as tools to provide continuous detailed assembly configuration. The session covers an integrated process across the development, test, and production lifecycle processes for an application.