

Oracle Solaris Studio at Open World and JavaOne 2012

OpenWorld Sessions

Room / Day, Time	Title / Session #	Abstract
Marriott Marquis – Golden Gate C3 / Mon, Oct 1, 10:45 - 11:45 AM	Maximizing Your SPARC T4 Oracle Solaris Application Performance CON 6382	In this session, hear how Oracle Solaris customers and ISV partners have reached peak performance on Oracle’s new SPARC T4 servers and engineered systems with Oracle Solaris Studio. Learn about the latest Oracle Solaris Studio development tools for analyzing, reporting, and improving runtime performance, such as <ul style="list-style-type: none"> • Autoparallelizing, high-performance compilers • Performance Analyzer (used to find performance hotspots) • Thread Analyzer (to expose data races and deadlocks) • Code Analyzer (used to discover latent memory corruption issues) Explore the ways developers have been taking advantage of the full potential of the SPARC T4 multicore architecture and Oracle Solaris 11.
Marriott Marquis – Golden Gate C2 / Mon, Oct 1, 3:15 - 4:15 PM	Technical Panel: Developing High- Performance Applications on Oracle Solaris CON 7196	This panel discussion by Oracle engineering team members covers how they develop high-performance enterprise applications that take advantage of the latest SPARC servers from Oracle, plus Intel servers, with Oracle Solaris Studio and new Oracle Solaris 11 features. Panelists include engineers from the Oracle Solaris OS, Oracle Database, and Oracle Tuxedo development teams and Oracle ISV Engineering. They will discuss developer tools, parallel frameworks, best practices, and methodologies used in their projects to create world-class enterprise products. They will also present insights and case studies on parallelizing and optimizing application performance on Oracle Solaris and discuss the new features of Oracle Solaris 11. Audience questions and participation will be encouraged.

OpenWorld Hands-on Lab

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Marriott Marquis - Salon 5/6 / Wed, Oct 3, 1:15 – 2:15 PM	Develop C/C++ Applications for the Cloud with Oracle Tuxedo and Oracle Solaris Studio HOL 10276	Oracle Tuxedo is a proven platform for developing and deploying high-performance, scalable enterprise cloud applications written in C/C++. With Oracle Tuxedo 12c, you can do so with Oracle Solaris Studio 12c. With Oracle Solaris Studio 12c, the Oracle Tuxedo development environment is integrated in its IDE, providing Oracle Tuxedo application developers access to most Oracle Solaris Studio features, including code development, build, debugging, test, performance analysis, and much more. In this hands-on lab, you will develop and deploy a new C/C++ application for the enterprise cloud, using Oracle Solaris Studio and Oracle Tuxedo, and learn salient features of both products, such as Oracle Tuxedo's Application-to-Transaction Monitor Interface (ATMI), in the process.

JavaOne Sessions

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Hilton San Francisco - Continental Ballroom 6 / Mon, Oct 1, 8:30 - 9:30 AM	Mixed-Language Development: Leveraging Native Code from Java CON 6714	There are some situations in which it is necessary to call native code (C/C++ compiled code) from Java applications. This session describes how to do this efficiently and how to performance-tune the resulting applications.
Hilton San Francisco - Continental Ballroom 6 / Tues, Oct 2, 1:00 - 2:00 PM	Take Performance Tuning of Your Enterprise Java Applications to the Next Level CON 10213	Oracle Performance Analyzer is used extensively within Oracle to gain insight into application behavior at the user, JVM, and machine levels. Attend this session to learn how to profile multiple processes and highly multithreaded applications with fairly low overhead. The presentation walks through an analysis of SPECjEnterprise and Oracle Fusion Middleware profiling to show how large, long-running enterprise applications can be profiled and optimized.