

Appssperf 2009 PeopleSoft Workshop

Sunday May 3, 2009

9:00 AM - Introduction

9:30 AM – 11:30 AM: Optimizing the Performance of the PeopleSoft Web and Application Server Tiers.

The PeopleSoft Pure Internet Architecture (PIA) consists of various components including the Web Server, Application Server, and Data Server tiers. It is essential that the Web and Application tiers be optimized in order to maximize the performance and scalability of the PeopleSoft Enterprise Applications System. This presentation will start with an architecture review of the individual components and present tips and techniques to tune each of these components including the Web Server tier, Application Server tier, Tuxedo, Process Scheduler, Jolt, and Integration Broker. In addition, the session will cover JVM tuning as well as techniques to monitor the performance of the PeopleSoft Application servers.

11:30 AM – 1:00 PM Break for Lunch

1:00 PM – 2:30 PM: Immediate Relief: Tune the SQL Now.

PeopleSoft DBAs are often faced with a situation whereby an expensive SQL statement or set of expensive SQL statements are impacting the system, and immediate relief is needed to restore system performance while awaiting a fix from development. This session will focus on the techniques used to identify expensive SQL statements which are impacting the business, and use Oracle advanced technologies to allow the DBA to improve the performance of the SQL statement without impacting the functionality. This session will provide real-life case studies which employed Oracle advanced features to improve the performance of problematic SQL statements without having to wait for an Application code fix.

2:30 PM – 3:00 PM: Break

3:00 PM – 5:00 PM: Maximize the Performance of the Oracle Database for PeopleSoft Enterprise Applications.

The Database Server is a key component in the PeopleSoft Pure Internet Architecture (PIA), and it is vital that the Database Server be tuned and optimized. This session will offer details on tuning the Oracle database specific for a PeopleSoft Enterprise Applications workload including tuning and sizing the SGA, tuning the Optimizer related settings, and guidelines on gathering statistics. The session will also highlight key Oracle10g features which can be leveraged for the PeopleSoft Enterprise Applications. In addition, this session will present approaches to monitor the overall performance and health of the Oracle database as well as utilize the PeopleSoft Client Monitoring feature to provide rollups and drill downs by the end-user Applications, Process Scheduler based programs, SQR, etc..