

# Oracle Coherence data Grid Workshop Plan

## Overview

This workshop is loosely based upon the BPEL/SOA workshops that have been run over the last couple of years. The plan is to have a 1 day hands-on workshop targeted at Java Developers and architects to introduce them to Oracle Coherence.

## High Level Plan

Timeslot	Duration (Mins)	Content	Comments
8.30-9.30	30	Arrivals/ Coffee	
9.00-9.45	45	Introduction to Oracle Coherence	Powerpoint
9.45-10.15	30	Labs 1 & 2 – Installation and running samples	Timing of this has been tested. Should be ok.
10.15-10.30	15	Break	
10.30-11.15	45	Caching schemes/ accessing data	Powerpoint
11.15-12.15	60	Labs 3 & 4 – Accessing data / complex objects	Not sure about timings for this.
12.15-1.00	45	Lunch	
1.00-1.30	30	Query and Aggregation	Powerpoint
1.30-2.15	45	Lab 5 – Querying & Aggregating data	
2.15-2.45	30	Observing data changes	Powerpoint
2.45-3.15	30	Break	
3.15-4.00	45	Lab 6 – Observing data changes	
4.00-4.30	30	Working with data - Persisting & in-place processing, Next steps	Powerpoint
4.30-5.00	30	Lab 7 – In-place processing of data	

Total times:

Lectures:  $45 + 45 + 30 + 30 + 30 = 180$  min

Labs:  $30 + 60 + 45 + 45 = 180$  min (+ 30 mins for the brave @ heart)

Breaks:  $15 + 45 + 30 = 90$  min

## **Files**

00-Workshop Overview.ppt  
01-Introduction to Oracle Coherence.ppt  
02-Caching Schemes and Accessing Data.ppt  
03-Query and Aggregation.ppt  
04-Observing Data Changes.ppt  
05-Working with Data.ppt

## ***Logistics***

Software:

Coherence software – 3.3.1  
JDeveloper 111  
Solutions

Machine requirements:

Min 1GB RAM  
1GB Free  
Windows or Linux

## ***Outstanding Questions/Actions***

- Get current hands-on lab reviewed
- Get Steve Button to add eclipse sections.
- Need to get approval to do this - From Franco
- Need some Guinea Pigs to do this on