JPT510 - Java Performance Coding Best Practices for the J2SE and J2EE

Objectives
This two day course enables the student to understand the core performance tuning procedures and the most common best practice tuning techniques to apply to Java applications. The course includes:

- Best Practice Tuning Techniques
- Best Practice Coding for Performance

Duration
1 day

Audience
QA team members, developers, architects, consultants, IT specialists and those with a basic understanding of object oriented systems and Java.

Topics
- Users perceptions on performance
- Where to target tuning
- Quickly finding the big gains
- Control structures, looping, method calls etc.
- Object lifecycle
- Casts
- Exceptions
- String handling
- I/O, NIO
- Logging
- Threading
- Serialization
- Collections
- Parsing
- JNI native calls