

## ***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