



Java Fundamentals - 5 Days – Instructor-Led

Introduction

This edition of Java is the definitive, practical guide for serious programmers who want to put Java to work on real projects. Fully updated throughout for the new Java 6 platform, this no-nonsense tutorial and reliable reference illuminates the most important language and library features with thoroughly tested real-world experiences.

Audience

Individuals needing to get up-to-speed on what's new in Java SE6; making the transition as quickly as possible, whether you're upgrading from an earlier version of Java or migrating from another language.

At Course Completion

You'll have detailed, insightful coverage of:

- Object-oriented programming
- Reflection and proxies
- Interfaces and inner classes
- The event listener model
- Graphical user interface design with Swing UI toolkit
- Exceptional handling
- Generic programming
- The collections framework
- Concurrency
- Synchronization and multithreading coverage

Course Outline

Module 1: An Introduction to Java

Module 2: The Java Programming Environment

Module 3: Fundamental Programming Structures in Java

Module 4: Objects and Classes

Module 5: Inheritance

Module 6: Interfaces and Inner Classes

Module 7: Graphics Programming

Module 8: Event Handling

Module 9: User Interface Components with Swing

Module 10: Deploying Applications and Applets

Module 11: Exceptions and Debugging

Module 12: Generic Programming

Module 13: Collections

Module 14: Multithreading