

NEXT LEVEL JAVA 9 PROGRAMMING

[4] Days Classroom
[4] Days Live Online

Individual: [\$2395]

Group: [\$2295]

GSA: [\$1796.25]

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COURSE OVERVIEW

Next Level Java 9 | Intermediate Java 9 Programming is a four-day, hands-on fast-track course geared for developers who have prior working knowledge of basic Java 8 or Java 9.

In this java programming course, you will learn about the advantages of Java 9 that can help them improve performance and functionality of your Java 9 applications. You will explore and learn how to leverage Modules, scale applications into multi-core environments, improve performance, and become a more effective Java 9 developer.

COURSE OUTLINE

Part 1: Review of What is New in Java 9

1. Overview of 'smaller' java 9 topics
2. Java 9 versioning Bullet
3. The JDK/JRE file structure
4. Deprecation
5. The jdeprscan tool
6. Multi-Release JAR Files
7. HTML 5 compliant JavaDoc
8. Exercise: Creating a MRJar

Part 2: Milling Project Coin

1. Changes made to the language since Java 6
2. Multi-catch
3. Using effectively final variables in try-with-resources
4. Suppressed Exceptions
5. Binary literals
6. Reserved underscore (Java 9)
7. Type inference in anonymous classes (Java 9)
8. @SafeVargs (updates in Java 9)
9. Default and static methods in interfaces (Java 8)
10. Private methods in interfaces (Java 9)
11. Exercise: Try-With-Resources

Part 3: Why JigSaw?

1. Problems with Classpath
2. Encapsulation and the public access modifier
3. Application memory footprint

4. Java 8's compact profile

5. Using internal JDK APIs

Part 4: Introduction to the Module System

1. Introduce Project Jigsaw
2. Classpath and Encapsulation
3. The JDK internal APIs
4. Java 9 Platform modules
5. Defining application modules
6. Define module dependencies
7. Implicit dependencies
8. Implied Readability
9. Exporting packages
10. Exercise: Defining Modules

Part 5: The Module Descriptor

1. Define module requirements
2. Explain qualified exports
3. Open modules for reflection
4. Use ServiceLoader
5. The provides and uses keywords
6. Exercise: Modules and the ServiceLoader
7. Exercise: Using Reflection on modules

[See website for complete outline...](#)

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