



From Java 8 to Java 9

Duration 2 day(s) (JAVA8A9)

The revolution of the modules

Description

This course is for Java tech developers / leads who want to discover and gain hands-on experience with the new Java 9 features. Prepare for the arrival of the Jigsaw project modules and anticipate the challenges of adopting the new jigsaw project. output rhythm of the next versions of Java. You'll learn how to migrate a Java 8 application, practice responsive programming, manipulate new APIs through the new Java shell and more!

Goals

- Demystify the module system of the Jigsaw project
- Knowing how to progressively migrate an application to Java 9
- Learn the latest language and APIs

Public

Java Developer, Tech Lead

Prerequisites

Be familiar with previous versions of Java.

Structure

50% Theory, 50% Practice

Program

Introduction

- History
- New version of release
- Java 9 content

The module system

- Definition and objectives of the Jigsaw project
- The modularization of the JDK
- Definition of a module
- Modularize its application
- Implementation with Maven and Gradle
- Legacy code, automatic modules
- Unit tests

The other contributions of Java 9

Improvements to existing APIs

- Collections, Streams, Process ...

The new APIs introduced

- Reactive programming, HTTP client ...

Changes in language and JVM

Tooling