



Java 8 Seminar

4 hours

Course Overview:

This session is going to discover the new features and concepts of Java 8 functional programming and stream api.

Who Should Attend:

This seminar is for Java developers.

Seminar Contents:

Lambda expression

- Motivation
- Callback method
- Anonymous inner classes
- Closures
- Lambda expression syntax
- Functional Interface
- Variable scopes
- Method reference
- Static method reference
- Instance method reference

Functional Interfaces & Collections

- Predicate
- Function
- Supplier
- Consumer
- forEach, replaceAll and other friends of Collections
- Unary Operators

Multiple Inheritance in Java 8. Is it true?

- Method in interfaces
- Default method
- Differences between interfaces and abstract classes. Yes, again!
- Static methods in interfaces

JSR 310 Data & Time like Joda and even better.

- Immutability
- Date Classes
- Time classes

Streams in Java 8

- Streams & collections
- Specific Streams
- Filters
- Laziness & Parallelism
- Collectors
- Downstream collectors
- Map reduce