

Java 8 Streams Hands On Course for Buzy Coders

About this course

Java 8 Streams have changed the way modern developer is writing the code. This Course is designed for Buzy coders to make them comfortable to apply streams processing to there existing code/new code to make it more elegant and performant . How to apply Optional and Stream processing would be demonstrated with Spring boot application

Course prerequisites

Good hands on working knowledge on Java 7, familiarity with spring framework is desirable.

Skill level

Basics to Intermediate Level

Duration

Two Half day session (4Hr session)

Session 1

- Introduction to java 8, Why i should care for it?
- functional interface
- Lambda expressions
- Diff bw ann inner class vs lambda expression
- Performance lambda, lambda under the hood
- Passing code with behavior parameterization
- introduction to stream processing
- functional interfaces defined in Java 8
- Working with streams details
- Primitive stream specializations
- Parallel data processing and performance
- Optionals

Session 2

- Collecting data with streams
- Debugging and logging
- Design pattern with java 8
- Date time API Java 8
- Basics of Paralllel strams, performance

Case Study:

Case study: Product store application

Applying Stream processing, Optinal with Spring boot application