6. Java Stream API

Monday, November 30, 2020   8:24 PM

1. **What is Stream API in Java** ✓
2. **Problems that Stream API solves.** ✓
3. **Characteristics of a Stream** ✓
4. **Ways of building Streams** ✓
5. **Role of Functional Interfaces in Stream API** ✓
6. **Types of methods over Streams (Intermediate, Terminal)** ✓
7. **Java Stream Short Circuiting Operations** ✓
8. **Converting Java Stream to Collection or Array** ✓
9. **Parallel Execution,** ForkJoinPool ✓

   -Djava.util.concurrent.ForkJoinPool.common.parallelism=4

10. **Method reference**
11. **Optional class**
12. **Spliterator**

⭐ Resources:
- https://www.journaldev.com/2774/java-8-stream#stream-intermediate-terminal-operation
- https://vertex-academy.com/tutorials/ru/java-8-stream-map/
- https://www.baeldung.com/java-8-parallel-streams-custom-threadpool -
  custom thread pool in java 8
- https://annimon.com/article/2778 -
  візуальне представлення роботи прикладів
- https://docs.oracle.com/javase/8/docs/api/java/util/stream/package-summary.html -
  документація
- https://www.journaldev.com/2774/java-8-stream
- https://vertex-academy.com/tutorials/ru/java-8-uchebnik/

- https://github.com/Vedenin/java_in_examples/tree/master/stream_api/src/com/github/v

  тут багато прикладів по багатьох методах

ns

edenin/rus/stream_api -