The FileCount Case Study: FileCounterParallelStream

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Learning Objectives in this Part of the Lesson

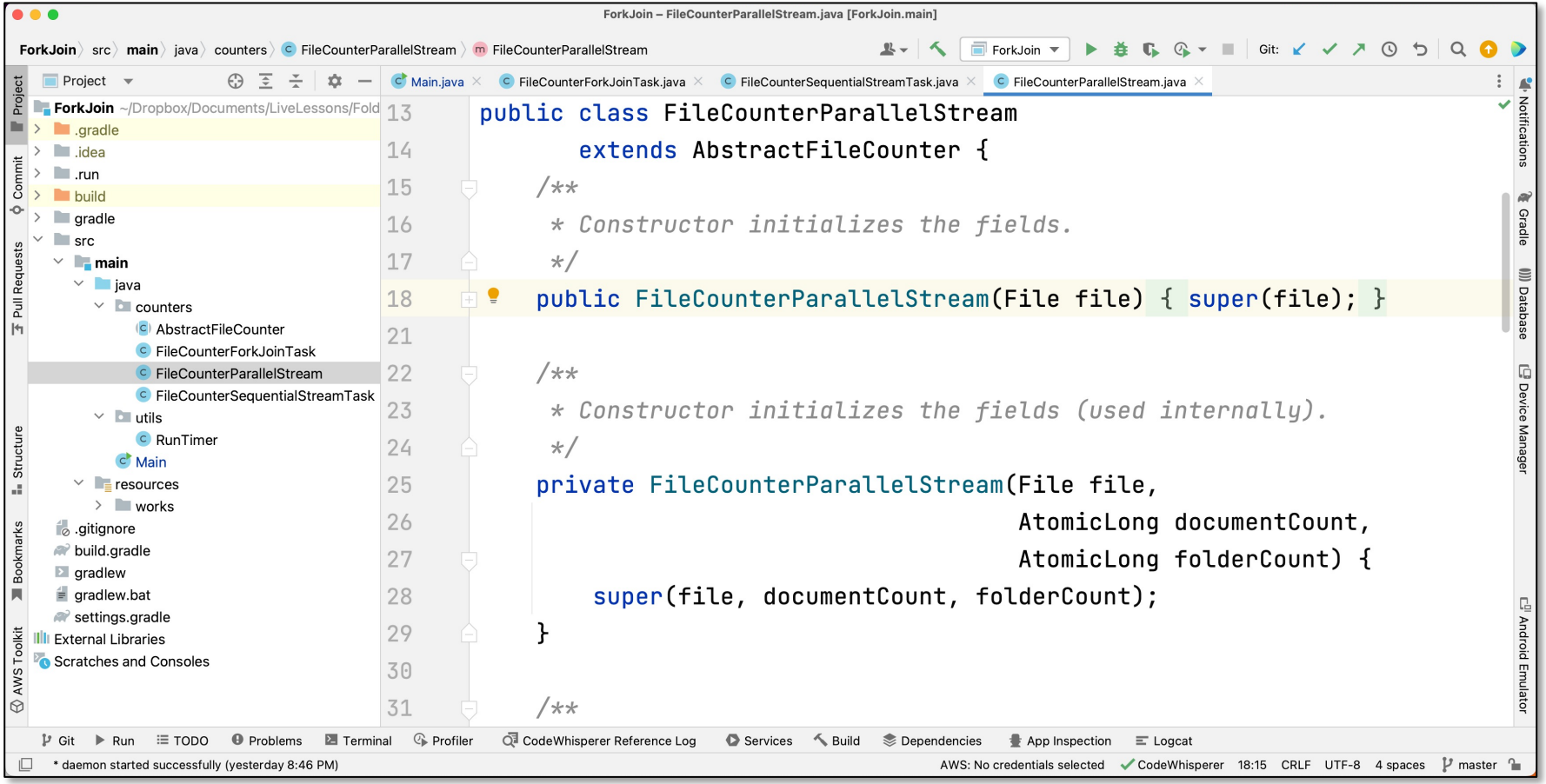
- Understand the design of the FileCounter case study
- Walkthrough the program implementation
  - Main driver & associated helper classes
  - FileCounterForkJoinTask
  - FileCounterSequential StreamTask
  - FileCounterParallelStream
    - Applies the Java parallel streams framework

```
return forks = Stream
   .of(mFile.listFiles())

   .parallel()

   .mapToLong(new
        FileCounterParallelStream
          (file,
           mDocumentCount,
           mFolderCount).compute());

   .sum();
```

See github.com/douglascraigschmidt/LiveLessons/tree/master/Folders/ForkJoin

Walkthrough of the FileCounterParallelStream

Walkthrough of the FileCounterParallelStream



See [Folders/ForkJoin/src/main/java/counters/FileCounterParallelStream.java]

End of the FileCount Case Study: FileCounterParallelStream