The FileCount Case Study:
FileCounterForkJoinTask

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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

    - Applies the Java fork-join framework & Java 7

```java
List<ForkJoinTask<Long>> forks =
  new ArrayList<>();


for (File file : mFile.listFiles())
  forks.add(new FileCounterForkJoinTask
                 (file,
                  mDocumentCount,
                  mFolderCount)
                 .fork());


long sum = 0;


for (ForkJoinTask<Long> task : forks)
    sum += task.join();


return sum;
```

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

Walkthrough of the FileCounterForkJoinTask

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See Folders/ForkJoin/src/main/java/counters/FileCounterForkJoinTask.java

End of the FileCount Case Study: FileCounterForkJoinTask