Applying Java Structured Concurrency: Case Study ex4 (Part 2a)

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Learning Objectives in this Part of the Lesson

- Understand Java's structured concurrency model
- Recognize the classes used to program Java's structure concurrency model
- Case study ex4 evaluates the design & performance results of various Java concurrency models
  - Part 2a of this case study focuses on modern Java implementations that use the parallel streams framework

```
Options.instance()
   .getUrlList()
   .parallelStream()
   .map(...::downloadImage)
   .map(...::transformImage)
   .reduce(Stream::concat)...
   .map(...::storeImage)
   .toList();
```

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The tasks in this case study are largely I/O-bound

Applying Modern Java Concurrency to Case Study ex4

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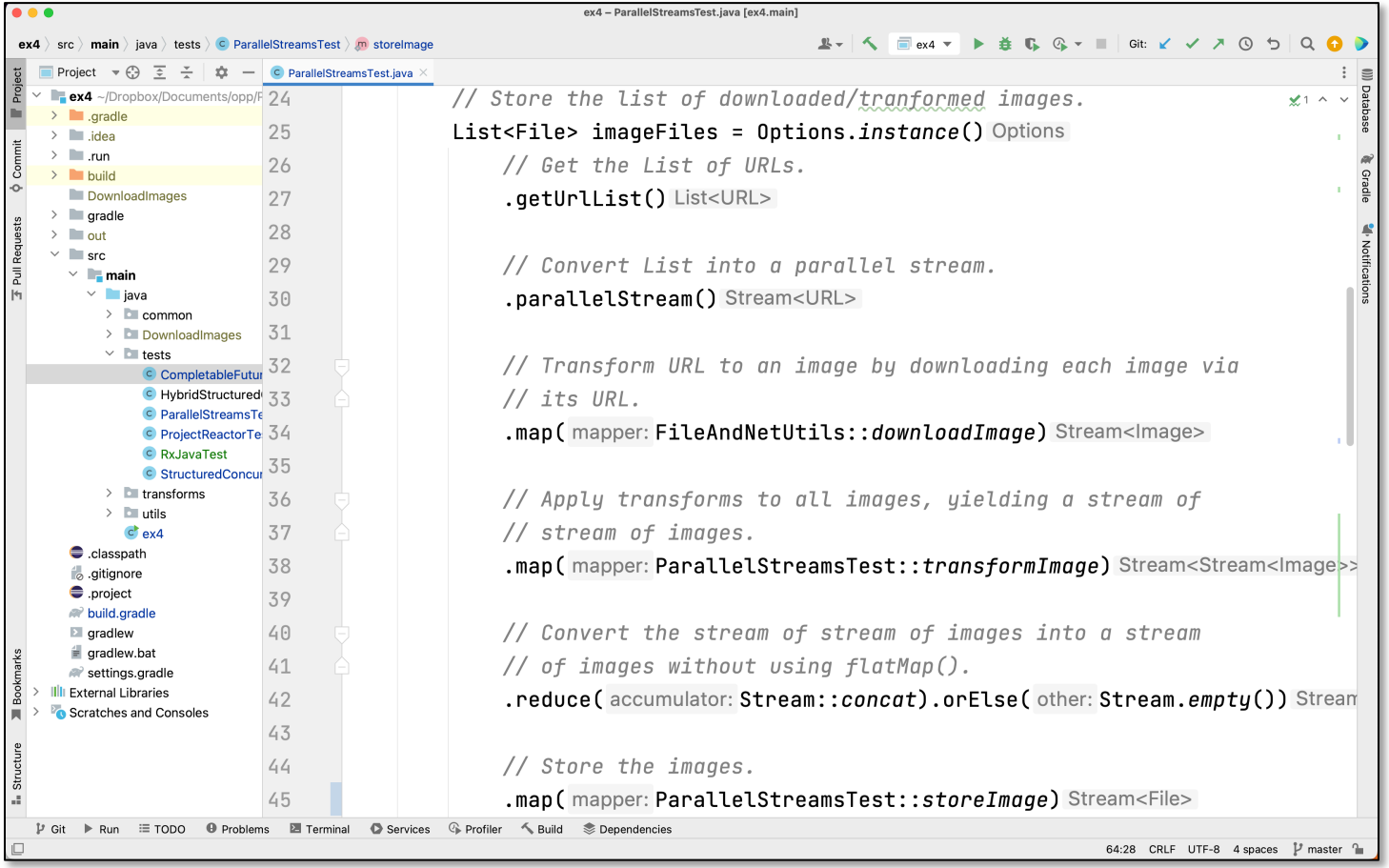

See github.com/douglascraigschmidt/LiveLessons/tree/master/Loom/ex4

End of Applying Java Structured Concurrency: Case Study ex4 (Part 2a)