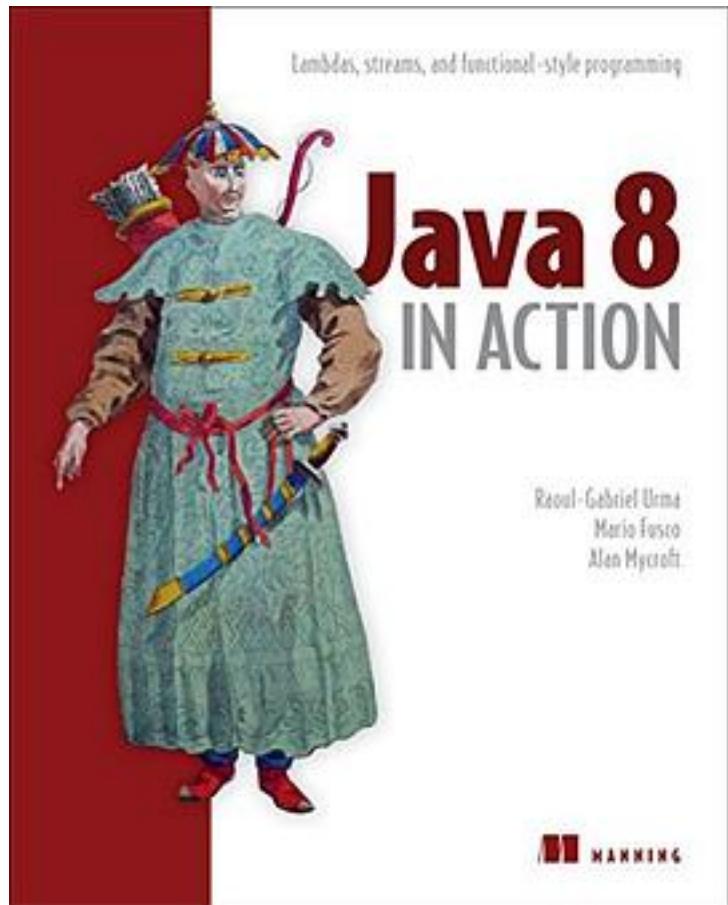


# Java 8 in Action



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While the term "lambda expression" may sound abstract and academic, Java 8 Lambdas can have a big impact on how you program every day. In simplest terms, a lambda expression is a function—a bit of code—that you can pass to another method as an argument. Thus, you can cope with changing requirements by using a behavior,

represented by a lambda, as a parameter. Java 8's functional programming features, like lambdas and the new Stream API that enables a cleaner way to iterate through collections, can help you write concise, maintainable code that scales easily and performs well on multicore architectures.

Java 8 in Action is a clearly-written guide to Java 8 lambdas and functional programming in Java. It begins with a practical introduction to the structure and benefits of lambda expressions in real-world Java code. The book then introduces the Stream API and shows how it can make collections-related code radically easier to understand and maintain. Along the way, you'll discover new FP-oriented design patterns with Java 8 for code reuse, code readability, exception handling, data manipulation, and concurrency. For developers also exploring other functional languages on the JVM, the book concludes with a quick survey of useful functional features in Scala.

## 作者介绍:

Raoul-Gabriel Urma has worked as a software engineer for Oracle's Java Platform Group, Google's Python team, Ebay, and Goldman Sachs as well as for several startup projects. He's currently completing a PhD in Computer Science at the University of Cambridge and is a regular speaker and instructor. Mario Fusco is a senior software engineer at Red Hat working on Drools, the JBoss rule engine. He created the open source library lambdaj, an internal Java DSL for manipulating collections in a functional way. Alan Mycroft is Professor of Computer Science at the University of Cambridge, where he researches programming languages, their semantics, optimization and implementation. He is a co-founder and Trustee of the Raspberry Pi Foundation.

You can follow Raoul and Mario on Twitter at @raoulUK and @mariofusco.

## 目录: Table of Contents

### PART I: FUNDAMENTALS

1 Java 8: why should you care? - FREE

2 Passing code with behavior parameterization - AVAILABLE

3 Lambda expressions - AVAILABLE

### PART II: FUNCTIONAL-STYLE DATA PROCESSING

4 Processing data with streams - AVAILABLE

5 Collecting data with streams - AVAILABLE

6 Parallel data processing and performance - AVAILABLE

### PART III: EFFECTIVE JAVA 8 PROGRAMMING

7 Refactoring, testing, debugging - AVAILABLE

8 Default methods - AVAILABLE

9 Optional: a better alternative to null - AVAILABLE

10 CompletableFuture: composable asynchronous programming - AVAILABLE

11 New Date and Time API - AVAILABLE

### PART IV: BEYOND JAVA 8

12 Thinking functionally - AVAILABLE

13 Functional programming techniques - AVAILABLE

14 Blending OOP and FP: comparing Java 8 and Scala - AVAILABLE

15 Conclusions and "where next" for Java - FREE

### APPENDICES:

A Miscellaneous language updates - AVAILABLE

B Miscellaneous library updates - AVAILABLE

C Performing multiple operations in parallel on a Stream - AVAILABLE

D Lambdas and bytecode - AVAILABLE

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标签

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8

英文原版

评论

看了4天看完。lambda， default method， Optional， method reference， stream 都是好东西，正好重构用的上。延展开来不少的好东西，写java可以更加functionally JCP做了很多好事，未来可期。

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很全

有的地方为了追求浅显而放弃了系统，比如completableFututure那章，看的时候顺着作者思路都明白，但是实际工作中用的时候，还得去看文档。适合初次接触java8的人，后续体系化的理解需要借助其他资料。

虽然lambda和pipeline的引入使语法简洁很多，但某种意义上一小块方糖无法使整杯咖啡变甜，所以java程序员应该尽早拥抱kotlin

对 jdk 8 的 stream, lambda 讲解通俗易懂。

重点是  
action，原理性知识讲的很少，略过了函数式编程的思考和scala部分，后续系统学习函数式时再补

其实应该叫「FP in Java 8」更合适，CompletableFuture类大概是目前最实用的类了。

第4部分和附录看不下去，暂时放弃。函数式思想是重点，学习scala时再谈。

看过的第二本“in action”系列，好厉害！可以用很简单的语言把事情讲清楚~Java 8相关的东西前前后后看了许多，始终没有开窍，总算到这里觉得醍醐灌顶，functional programming真是艺术啊！

中规中矩的一本书，对快速获取新的特性很有帮助。

Method Reference和Stream讲得挺清晰。

1. tail recursion没有优化意料之外 2. immutable这个概念真是无处不在

快速浏览，对Java

8一覽而过。当然，如果不熟悉FP，阅读起来就会难一点。可作为资料书，便于随时查阅Java 8的特性。此外，github上有该书的案例。

废话太多，不过对于没接触过函数式编程的人大概很不错。

对于全面了解Java8的新特性，非常有帮助。

在java10发布的时候复习一下

函数式编程的讲解非常清晰。感谢

读起来非常舒服，示例代码可读性也很高，喜欢上manning出的书了

好久没给过5星了

比较啰嗦

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书评

如果你已经很熟悉函数式编程并掌握了一门函数式编程语言（比如Scala），那你很可能对这本书中罗列的Java 8特性嗤之于鼻，但所有的一切前提是Java，对于Java而言，Java 8的改变确实令人惊叹。本书是绝佳的Java 8入门和进阶参考，引入Streaming，函数式编程和新的时间管理库...

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我是先读的《Java 8函数式编程》再读该书，总体是两本书的质量都非常高，五星推荐！1.相比于《Java 8函数式编程》注重于介绍函数式编程相关，该本覆盖的Java 8特性更全面，在书中能看到对Optional、CompletableFuture、新的日期API的介绍；2.该书对Stream的收集器介绍得更为...

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这本书作为学习Java8中新增加的编程知识还是非常不错的。在前面章节中，主要介绍了Java8中提供的新特性，比如lambda表达式、stream、函数式编程、CompletableFuture类，新的日期类等等。几乎覆盖了所有的新特性，同时对于原理也有深入的介绍。在介绍这些Java8中的新特性时，作...

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如果一开始学习Java是从Java 8以下的版本学习的，这本Java 8实战值得一读，Java 8相对于Java 7及之前的版本代码优雅太多，结合现在web业务前后端分离的Spring Boot后端框架，通过Java 8可以写出精炼、优雅的代码。本书全面的介绍了Java 8的各种写法，第一部分、第二部分属于必...

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这点东西根本不值当写成一本书。  
几篇连续的博客足以完成这个任务，这个任务适合写成几篇连续的博客。

一本书的内容应该比这个多比这个深。比这个多比这个深的内容才适合写成一本书。  
一定要多写文字凑够评论字数要求，为了凑够评论字数要求多写了这些无用的话。  
其实我想说的...

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