

[PDF] Java 8 In Action: Lambdas, Streams, And Functional-style Programming

Raoul-Gabriel Urma, Mario Fusco, Alan Mycroft - pdf download free book



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Description:

Summary

Java 8 in Action is a clearly written guide to the new features of Java 8. The book covers lambdas, streams, and functional-style programming. With Java 8's functional features you can now write more concise code in less time, and also automatically benefit from multicore architectures. It's time to dig in!

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About the Book

Every new version of Java is important, but Java 8 is a game changer. *Java 8 in Action* is a clearly written guide to the new features of Java 8. It begins with a practical introduction to lambdas, using real-world Java code. Next, it covers the new Streams API and shows how you can use it to make collection-based code radically easier to understand and maintain. It also explains other major Java 8 features including default methods, Optional, CompletableFuture, and the new Date and Time API.

This book is written for programmers familiar with Java and basic OO programming.

What's Inside

- How to use Java 8's powerful new features
- Writing effective multicore-ready applications
- Refactoring, testing, and debugging
- Adopting functional-style programming
- Quizzes and quick-check questions

About the Authors

Raoul-Gabriel Urma is a software engineer, speaker, trainer, and PhD candidate at the University of Cambridge. **Mario Fusco** is an engineer at Red Hat and creator of the `lambdaj` library. **Alan Mycroft** is a professor at Cambridge and cofounder of the Raspberry Pi Foundation.

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