Java SE8 for the Really Impatient: A Short Course on the Basics (Java Series)

By Cay S. Horstmann

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Eagerly anticipated by millions of programmers, Java SE 8 is the most important Java update in many years. The addition of lambda expressions (closures) and streams represents the biggest change to Java programming since the introduction of generics and annotations.

Now, with *Java SE 8 for the Really Impatient* **, internationally renowned Java author Cay S. Horstmann concisely introduces Java 8's most valuable new features (plus a few Java 7 innovations that haven't gotten the attention they deserve). If you're an experienced Java programmer, Horstmann's practical insights and sample code will help you quickly take advantage of these and other Java language and platform improvements. This indispensable guide includes**

- Coverage of using lambda expressions (closures) to write computation "snippets" that can be passed to utility functions
- The brand-new streams API that makes Java collections far more flexible and efficient
- Major updates to concurrent programming that make use of lambda expressions (filter/map/reduce) and that provide dramatic performance improvements for shared counters and hash tables
- A full chapter with advice on how you can put lambda expressions to work in your own programs
- Coverage of the long-awaited introduction of a well-designed date/time/calendar library (JSR 310)
- A concise introduction to JavaFX, which is positioned to replace Swing GUIs, and to the Nashorn Javascript engine
- A thorough discussion of many small library changes that make Java programming more productive and enjoyable

This is the first title to cover all of these highly anticipated improvements and is invaluable for anyone who wants to write tomorrow's most robust, efficient, and secure Java code.

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Editorial Review

About the Author
Cay S. Horstmann is the author of *Scala for the Impatient* (Addison-Wesley, 2012), is principal author of *Core Java™, Volumes I and II, Ninth Edition* (Prentice Hall, 2013), and has written a dozen other books for professional programmers and computer science students. He is a professor of computer science at San Jose State University and is a Java Champion.

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