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By Peter Sestoft



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The third edition of *Java Precisely* provides a concise description of the Java programming language, version 8.0. It offers a quick reference for the reader who has already learned (or is learning) Java from a standard textbook and who wants to know the language in more detail. The book presents the entire Java programming language and essential parts of the class libraries: the collection classes, the input-output classes, the stream libraries and Java 8's facilities for parallel programming, and the functional interfaces used for that.

Though written informally, the book describes the language in detail and offers many examples. For clarity, most of the general rules appear on left-hand pages with the relevant examples directly opposite on the right-hand pages. All examples are fragments of legal Java programs. The complete ready-to-run example programs are available on the book's website.

This third edition adds material about functional parallel processing of arrays; default and static methods on interfaces; a brief description of the memory model and visibility across concurrent threads; lambda expressions, method reference expressions, and the related functional interfaces; and stream processing, including parallel programming and collectors.



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Java Precisely (MIT Press) By Peter Sestoft Bibliography

- Sales Rank: #683338 in Books
- Published on: 2016-03-18
- Original language: English
- Number of items: 1
- Dimensions: 9.00" h x .50" w x 8.00" l, .0 pounds
- Binding: Paperback
- 216 pages

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Editorial Review

Review

Unlike most Java books, this one does not try to teach programming. It is a reference book on the language, which is exactly what I need for my course. The approach is especially useful because of the ingenious use of systematic examples that I can pick and choose from to demo in the lecture. There is really nothing quite like this approach in any other text of which I am aware.

(J. Stanley Warford, Professor of Computer Science, Pepperdine University)

About the Author

Peter Sestoft is Professor of Computer Science and Head of the Software and Systems Section at the IT University of Copenhagen.

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