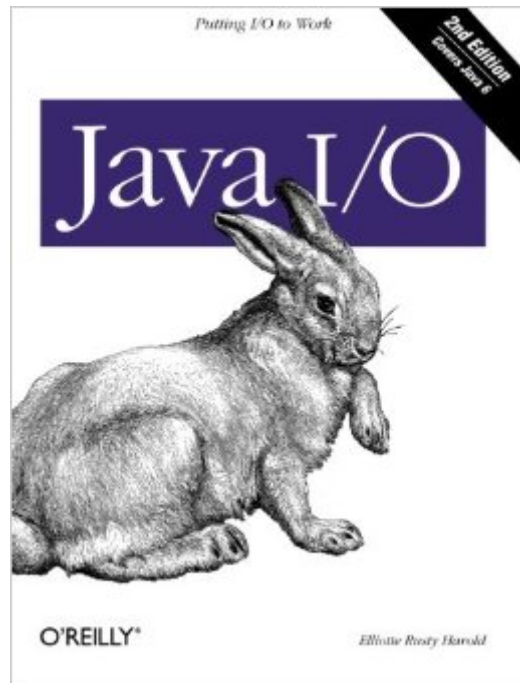


The book was found

Java I/O



Synopsis

All of Java's Input/Output (I/O) facilities are based on streams, which provide simple ways to read and write data of different types. Java provides many different kinds of streams, each with its own application. The universe of streams is divided into four large categories: input streams and output streams, for reading and writing binary data; and readers and writers, for reading and writing textual (character) data. You're almost certainly familiar with the basic kinds of streams--but did you know that there's a `CipherInputStream` for reading encrypted data? And a `ZipOutputStream` for automatically compressing data? Do you know how to use buffered streams effectively to make your I/O operations more efficient? Java I/O, 2nd Edition has been updated for Java 5.0 APIs and tells you all you ever need to know about streams--and probably more. A discussion of I/O wouldn't be complete without treatment of character sets and formatting. Java supports the Unicode standard, which provides definitions for the character sets of most written languages. Consequently, Java is the first programming language that lets you do I/O in virtually any language. Java also provides a sophisticated model for formatting textual and numeric data. Java I/O, 2nd Edition shows you how to control number formatting, use characters aside from the standard (but outdated) ASCII character set, and get a head start on writing truly multilingual software. Java I/O, 2nd Edition includes:

- Coverage of all I/O classes and related classes
- In-depth coverage of Java's number formatting facilities and its support for international character sets

Book Information

Paperback: 728 pages

Publisher: O'Reilly Media; 2 edition (May 26, 2006)

Language: English

ISBN-10: 0596527500

ISBN-13: 978-0596527501

Product Dimensions: 7 x 1.6 x 9.2 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: 3.8 out of 5 stars [See all reviews](#) (32 customer reviews)

Best Sellers Rank: #1,559,561 in Books (See Top 100 in Books) #6 in [Books > Computers & Technology > Programming > APIs & Operating Environments > Unicode](#) #269 in [Books > Computers & Technology > Programming > Languages & Tools > XML](#) #313 in [Books > Computers & Technology > Security & Encryption > Cryptography](#)

Customer Reviews

The first edition of Java I/O is now seven years old, and it is definitely time for a second edition considering all that has transpired. Note that the second edition was released in May 2006, so all reviews older than that are referring to the first edition. In this second edition there are basically eight entirely new chapters added to the original seventeen. It is probably worth the price of an upgrade especially if you are interested in Java I/O as it pertains to devices. I review this second edition in the context of comparing it to the first edition. Chapters 1 through 5 are virtually the same. Chapter six, "Filter Streams", has had one section - Print Streams - removed and had another section on the `ProgressMonitorInputStream` class added. `ProgressMonitorInputStream` is a unique filter stream hiding in the `javax.swing` package that displays progress bars that indicate how much of a stream has been read and how much remains to be read, and this book shows how to use it when reading unusually large files. The section on Print Streams that was removed from chapter six now has an entire chapter dedicated to it. This is because, starting in Java 5, the familiar `PrintStream` class has become a lot more powerful and interesting. Besides basic console output, it now provides extensive capabilities for formatting numbers and dates in a straightforward and easy fashion. The chapters on data streams, streams in memory, and compressing streams are virtually unchanged from the first edition. However, the "Jar Files" section from the "compressing streams" chapter has been removed and now has an entire chapter dedicated to it.

[Download to continue reading...](#)

JAVA: Quick and Easy JAVA Programming for Beginners (Java, java programming, java for dummies, java ee, java swing, java android, java mobile java apps) JAVA: The Ultimate Guide to Learn Java Programming Fast (Programming, Java, Database, Java for dummies, coding books, java programming) (HTML, Javascript, ... Developers, Coding, CSS, PHP Book 1) JAVA: Easy Java Programming for Beginners, Your Step-By-Step Guide to Learning Java Programming (Java Series) Java: The Ultimate Guide to Learn Java and C++ (Programming, Java, Database, Java for dummies, coding books, C programming, c plus plus, programming for ... Developers, Coding, CSS, PHP Book 2) Javascript: Beginner to Expert with Javascript Programming (Javascript, Javascript Programming, Javascript for Beginners, Java, Java Programming, Java for Beginners,) JAVA: JAVA 100 Tests, Answers & Explanations, Pass Final Exam, Pass Job Interview Exam, Pass Engineer Certification Exam, Examination, Learn JAVA programming in easy steps: A Beginner's Guide Programming: Computer Programming for Beginners: Learn the Basics of Java, SQL & C++ - 3. Edition (Coding, C Programming, Java Programming, SQL Programming, JavaScript, Python, PHP) SOA with Java: Realizing Service-Oriented Architecture with Java Technologies (The Prentice Hall Service Technology Series from Thomas Erl) App Development: Swift Programming : Java Programming:

Learn In A Day! (Mobile Apps, App Development, Swift, Java) Programming with Java IDL:
Developing Web Applications with Java and CORBA Java Internationalization (Java Series) Data
Structures in Java: From Abstract Data Types to the Java Collections Framework Functional
Programming in Java: Harnessing the Power Of Java 8 Lambda Expressions JAVA: A Beginner to
Expert Guide to Learning the Basics of Java Programming (Computer Science Series) Effective
Java (Java Series) The Java EE Architect's Handbook, Second Edition: How to be a successful
application architect for Java EE applications Java in easy steps: Covers Java 8 Java in 21 Days,
Sams Teach Yourself (Covering Java 8) (7th Edition) C++: Beginners Guide to Learn C++
Programming Fast and Hacking for Dummies (c plus plus, C++ for beginners, JAVA, programming
computer, hacking, how to ... Programming, Coding, CSS, Java, PHP Book 5) Java: Regex Crash
Course - The Ultimate Beginner's Course to Learning Java Regular Expressions in Under 12 Hours

[Dmca](#)