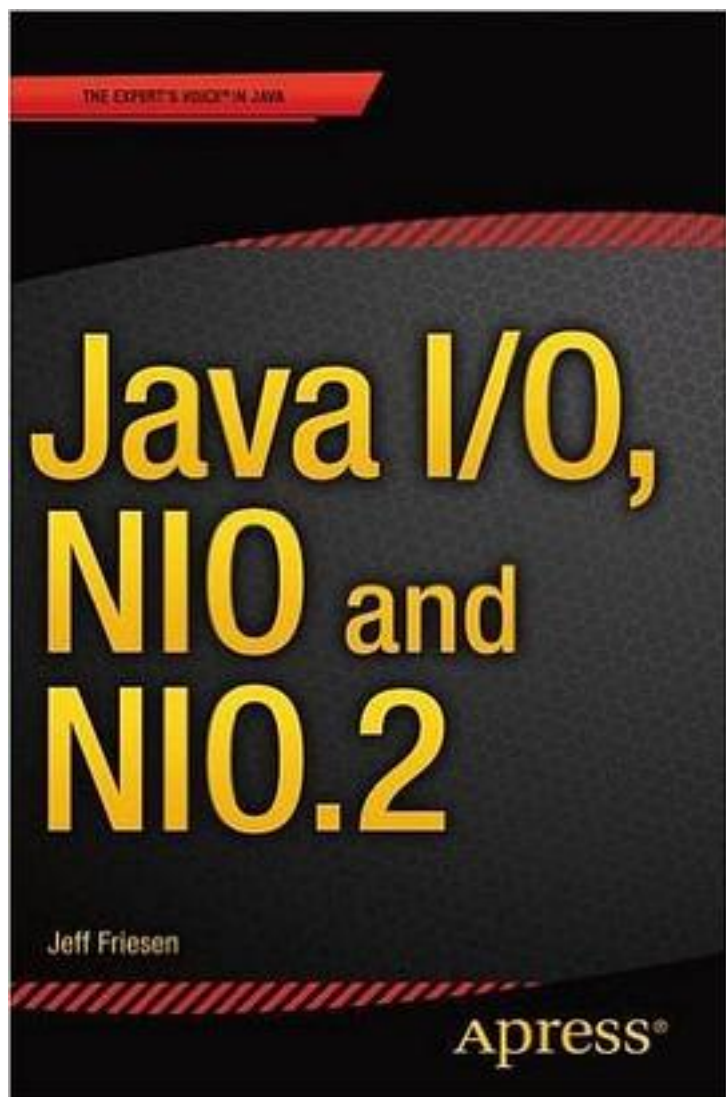


# Java I/O, NIO and NIO.2



[Java I/O, NIO and NIO.2 下载链接1](#)

著者:Jeff Friesen

出版者:Apress

出版时间:2015-10-15

装帧:Paperback

isbn:9781484215661

Java I/O, NIO, and NIO.2 is a power-packed book that accelerates your mastery of Java's various I/O APIs. In this book, you'll learn about classic I/O APIs (File, RandomAccessFile, the stream classes and related types, and the reader/writer classes). Next, you'll learn about NIO's buffer, channel, selector, regular expression, charset, and formatter APIs. Finally, you'll discover NIO.2's offerings in terms of an improved file system interface, asynchronous I/O, and the completion of socket channel functionality.

After reading and using this book, you'll gain the accelerated knowledge and skill level to really build applications with efficient data access, especially for today's cloud computing streaming data needs.

What you'll learn

How to set permissions and more with the classic File class  
How to build a flat file database with RandomAccessFile  
Get to know the byte array, file, filter, and other kinds of streams  
Master serialization and externalization  
Discover character streams and their associated writers/readers  
Tour the buffer APIs  
Work with channels to transfer buffers to and from I/O services  
Find out about selectors and readiness selection  
Master regular expressions  
Discover charsets and their association with Java's String< class  
Take advantage of the formatter API to create formatted output  
How to customize the formatter API  
Explore the improved file system interface  
Discover asynchronous I/O and its association with futures and completion handlers  
Encounter socket channel improvements, including multicasting

Who this book is for

This book is for those experienced with Java, beyond the fundamentals.

Table of Contents

Part 1: Getting Started with I/O

Chapter 1: I/O Basics and APIs

Part 2: Classic I/O APIs

Chapter 2: File

Chapter 3: RandomAccessFile

Chapter 4: Streams

Chapter 5: Writers and Readers

Part 3: New I/O APIs

Chapter 6: Buffers

Chapter 7: Channels

Chapter 8: Selectors

Chapter 9: Regular Expressions

Chapter 10: Charsets

Chapter 11: Formatter and Scanner

Part 4: More New I/O APIs

Chapter 12: File System APIs

Chapter 13: Asynchronous I/O

Chapter 14: Additional NIO.2 APIs

Appendix A: Answers to Review Exercises

作者介绍:

About the Author

Jeff Friesen is a freelance tutor and software developer with an emphasis on Java (and now Android). In addition to authoring Learn Java for Android Development and co-authoring Android Recipes -- Jeff has written numerous articles on Java and other technologies for JavaWorld ([a href="http://www.JavaWorld.com"JavaWorld.com/a](http://www.JavaWorld.com)), informIT ([a href="http://www.InformIT.com"InformIT.com/a](http://www.InformIT.com)), [a href="http://www.java.net"Java.net/a](http://www.java.net), and DevSource ([a href="http://www.DevSource.com"DevSource.com/a](http://www.DevSource.com)). Jeff can be contacted via his website at [a href="http://www.tutortutor.ca"TutorTutor.ca/a](http://www.tutortutor.ca).

目录:

[Java I/O, NIO and NIO.2 下载链接1](#)

标签

Java

计算机

编程

计算机科学

网络编程

程序设计语言

## 评论

great book

-----  
一本 I/O 相关的 API 手册

-----  
[Java I/O, NIO and NIO.2 下载链接1](#)

## 书评

这本书覆盖了I/O，NIO，NIO2.0大部分方面的知识，对于很多细节进行了讲述，有一定的深度，建议配合源码进行阅读。另推荐《Beginning Java 8 Language Features》《Beginning Java 8 APIs, Extensions and Libraries》相应章节作为补充阅读。

-----  
[Java I/O, NIO and NIO.2 下载链接1](#)