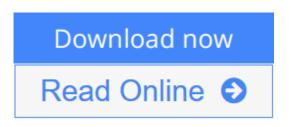# Core Java™ 2, Volume I--Fundamentals (7th Edition)

By Cay S. Horstmann, Gary Cornell

Core Java™ 2, Volume I--Fundamentals (7th Edition) By Cay S. Horstmann, Gary Cornell

Completely revised and up-to-date coverage of

- Generic programming, restrictions and limitations, type bounds, wilcard types, and generic reflection
- Swing GUI development, including input validation and other enhancements
- Exception handling and debugging, including chained exceptions, stack frames, assertions, and logging
- Streams and files, the new I/O API, memory-mapped files, file locking, and character set encoders/decoders
- Regular expressions using the powerful java.util.regex package
- Inner classes, reflection, and dynamic proxies
- Application packaging and the Preferences API

The seventh edition of *Core Java™ 2, Volume I,* covers the fundamentals of the Java 2 Platform, Standard Edition (J2SE™). A no-nonsense tutorial and reliable reference, this book features thoroughly tested real-world examples. The most important language and library features are demonstrated with deliberately simple sample programs, but they aren't fake and they don't cut corners. More importantly, all of the programs have been updated for J2SE 5.0 and should make good starting points for your own code. You won't find any toy examples here. This is a book for programmers who want to write real code to solve real problems.

Volume I concentrates on the fundamental concepts of the Java language, along with the basics of user-interface programming and provides detailed coverage of

- Object-oriented programming
- Reflection and proxies
- Interfaces and inner classes
- The event listener model
- Graphical user-interface design with the Swing UI toolkit
- Exception handling

- Stream input/output and object serialization
- Generic programming

For the same real-world treatment of enterprise features and advanced user-interface programming, look for the forthcoming new edition of *Core Java™ 2, Volume II—Advanced Features.*

It includes new sections on metadata and other J2SE 5.0 enhancements along with complete coverage of: Multithreading • Distributed objects • Databases • Advanced GUI components • Native methods • XML Processing • Network programming • Collection classes • Advanced graphics • Internationalization • JavaBeans

⤓ Download Core Java™ 2, Volume I--Fundamentals (7th Editio ...pdf

▤ Read Online Core Java™ 2, Volume I--Fundamentals (7th Edit ...pdf

Core Java™ 2, Volume I--Fundamentals (7th Edition)

By Cay S. Horstmann, Gary Cornell

Core Java™ 2, Volume I--Fundamentals (7th Edition) By Cay S. Horstmann, Gary Cornell

Completely revised and up-to-date coverage of

- Generic programming, restrictions and limitations, type bounds, wilcard types, and generic reflection
- Swing GUI development, including input validation and other enhancements
- Exception handling and debugging, including chained exceptions, stack frames, assertions, and logging
- Streams and files, the new I/O API, memory-mapped files, file locking, and character set encoders/decoders
- Regular expressions using the powerful java.util.regex package
- Inner classes, reflection, and dynamic proxies
- Application packaging and the Preferences API

The seventh edition of *Core Java™ 2, Volume I,* covers the fundamentals of the Java 2 Platform, Standard Edition (J2SE™). A no-nonsense tutorial and reliable reference, this book features thoroughly tested real-world examples. The most important language and library features are demonstrated with deliberately simple sample programs, but they aren't fake and they don't cut corners. More importantly, all of the programs have been updated for J2SE 5.0 and should make good starting points for your own code. You won't find any toy examples here. This is a book for programmers who want to write real code to solve real problems.

Volume I concentrates on the fundamental concepts of the Java language, along with the basics of user-interface programming and provides detailed coverage of

- Object-oriented programming
- Reflection and proxies
- Interfaces and inner classes
- The event listener model
- Graphical user-interface design with the Swing UI toolkit
- Exception handling
- Stream input/output and object serialization
- Generic programming

For the same real-world treatment of enterprise features and advanced user-interface programming, look for the forthcoming new edition of *Core Java™ 2, Volume II—Advanced Features.*

It includes new sections on metadata and other J2SE 5.0 enhancements along with complete coverage of: Multithreading • Distributed objects • Databases • Advanced GUI components • Native methods • XML Processing • Network programming • Collection classes • Advanced graphics • Internationalization • JavaBeans

Core Java™ 2, Volume I--Fundamentals (7th Edition) By Cay S. Horstmann, Gary Cornell Bibliography

- Sales Rank: #2241469 in Books
- Published on: 2004-08-27
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x 1.55" w x 7.00" l, 2.52 pounds
- Binding: Paperback
- 784 pages

Download and Read Free Online Core Java™ 2, Volume I--Fundamentals (7th Edition) By Cay S. Horstmann, Gary Cornell

Editorial Review

Review
From the Back Cover The best-selling guide for serious programmers of Java technology fully updated for the Java 1.4 SDK! The experienced developer's guide to the Java program environment-now fully updated for the Java(tm) 1.4 SDK. New coverage: regular expressions, New I/O, assertions, Preferences, Swing enhancements, logging, and more Even more of the robust code examples professional programmers need Ask any experienced Java technology programmer: Core Java delivers the real-world guidance you need to accomplish even the most challenging tasks. That's why it's been an international best seller for seven straight years. Core Java II, Volume 1 covers the fundamentals of Java 2, Standard Edition, Version 1.4, including major enhancements ranging from regular expressions to high-performance I/O. You'll find state-of-the-art discussions of object-oriented Java platform development, updated coverage of Swing user interface development, and much more. Best of all, this new Sixth Edition delivers even more of the robust, real-world programs previous editions are famous for updated to reflect the latest SDK features and improvements! --Smith Colin (Site Resources)

I had a chance to review the book Core Java 2 - Volume 1 - Fundamentals (7th Edition) by Cay S. Horstmann and Gary Cornell (Prentice Hall). This is a very good choice for experienced programmers who want to learn Java and have a good reference book to continue to use over time... Chapter List: An Introduction to Java; The Java Programming Environment; Fundamental Programming Structures in Java; Objects and Classes; Inheritance; Interfaces and Inner Classes; Graphics Programming; Event Handling; User Interface Components with Swing; Deploying Applets and Applications; Exceptions and Debugging; Streams and Files; Generic Programming; Java Keywords; Retrofitting JDK 5.0 Code; Index When a book survives into its seventh edition, you know it must be good. Core Java 2 is that. It's a solid, serious treatment of the Java language with plenty of examples and in-depth explanations as to how things work. And while no single book can cover the complete Java API, this book does a good job of documenting each area they cover so that you can refer back to the work as you start to use Java on a regular basis. There are not a lot of good Java learning books that also adequately serve as a reference book. The authors should be commended for this. Because the authors target "serious" developers, there's less emphasis on Hello World type applications and more focus on the types of routines you might find yourself writing in a business environment. There's also coverage of the newest features in Java 1.5, so you can buy this particular edition with fear of having it be obsolete in a month. This is a volume that I'll happily keep on my shelf and refer to as I get into some of the newer features of Java... --99

Swing GUI development including input validation and other enhancements Building reliable code including chained exceptions, stack frames, assertions, and logging The high-performance New I/O API: memory-mapped files, file locking, and character set encoders/decoders Regular expressions using the powerful new java.util.regex package Java 1.4 platform Preference Class: the new cross-platform repository for configuration information Dynamic proxy classes, inner classes, the Java platform event model, streams, file management, and more. --By John Atkingson (Site Resourcs)

Swing GUI development including input validation and other enhancements Building reliable code including chained exceptions, stack frames, assertions, and logging The high-performance New I/O API: memory-mapped files, file locking, and character set encoders/decoders Regular expressions using the powerful new java.util.regex package Java 1.4 platform Preference Class: the new cross-platform repository for configuration information Dynamic proxy classes, inner classes, the Java platform event model, streams, file

management, and more. --By John Atkingson (Site Resourcs)

I had a chance to review the book Core Java 2 - Volume 1 - Fundamentals (7th Edition) by Cay S. Horstmann and Gary Cornell (Prentice Hall). This is a very good choice for experienced programmers who want to learn Java and have a good reference book to continue to use over time... Chapter List: An Introduction to Java; The Java Programming Environment; Fundamental Programming Structures in Java; Objects and Classes; Inheritance; Interfaces and Inner Classes; Graphics Programming; Event Handling; User Interface Components with Swing; Deploying Applets and Applications; Exceptions and Debugging; Streams and Files; Generic Programming; Java Keywords; Retrofitting JDK 5.0 Code; Index When a book survives into its seventh edition, you know it must be good. Core Java 2 is that. It's a solid, serious treatment of the Java language with plenty of examples and in-depth explanations as to how things work. And while no single book can cover the complete Java API, this book does a good job of documenting each area they cover so that you can refer back to the work as you start to use Java on a regular basis. There are not a lot of good Java learning books that also adequately serve as a reference book. The authors should be commended for this. Because the authors target "serious" developers, there's less emphasis on Hello World type applications and more focus on the types of routines you might find yourself writing in a business environment. There's also coverage of the newest features in Java 1.5, so you can buy this particular edition with fear of having it be obsolete in a month. This is a volume that I'll happily keep on my shelf and refer to as I get into some of the newer features of Java... --99

From the Back Cover

The best-selling guide for serious programmers of Java technology—fully updated for the Java 1.4 SDK!

- The experienced developer's guide to the Java program environment-now fully updated for the Java(tm) 1.4 SDK.
- New coverage: regular expressions, New I/O, assertions, Preferences, Swing enhancements, logging, and more
- Even more of the robust code examples professional programmers need

Ask any experienced Java technology programmer: *Core Java* delivers the real-world guidance you need to accomplish even the most challenging tasks. That's why it's been an international best seller for seven straight years. *Core Java II, Volume 1* covers the fundamentals of Java 2, Standard Edition, Version 1.4, including major enhancements ranging from regular expressions to high-performance I/O. You'll find state-of-the-art discussions of object-oriented Java platform development, updated coverage of Swing user interface development, and much more. Best of all, this new Sixth Edition delivers even more of the robust, real-world programs previous editions are famous for—updated to reflect the latest SDK features and improvements!

State-of-the-art information for Java platform developers, including:

- Swing GUI development—including input validation and other enhancements
- Building reliable code—including chained exceptions, stack frames, assertions, and logging
- The high-performance New I/O API: memory-mapped files, file locking, and character set encoders/decoders
- Regular expressions using the powerful new `java.util.regex` package
- Java 1.4 platform Preference Class: the new cross-platform repository for configuration information
- Dynamic proxy classes, inner classes, the Java platform event model, streams, file management, and more

About the Author

This is the seventh edition of this book and in some ways it hasn't changed much since the first edition. The first edition was aimed at C++ programmers who were looking to transition to the new language. The seventh edition is still fast-paced and detailed and aimed for the experienced programmer. This is not an easy-to-follow tutorial for the beginner programmer. The authors assume that you already know the basics of programming even if it isn't with an object oriented language. The book might make a fairly good college textbook but not as a first language. The book covers the main areas that you would expect in an introductory Java book with a few surprises. The book gives a little bit of the history of Java and shows how to install and run Java from the console and Eclipse (but not NetBeans). There is an early introduction to reflection but exception handling isn't covered until well into the book. Swing is covered in a fair level of depth. J2SE 5.0 changes are covered throughout the book with the many examples written to show off the new additions to the language. Threading and Collections are not covered but rather are saved for volume two. Overall this is a well written book but the target audience is getting small. How many C++ programmers can be left that don't already know Java? If you are looking for an introductory tutorial then this book may be a bit too advanced. Through seven editions, Core Java has changed little other than to reflect language changes. Perhaps it's time to rethink the franchise.

Users Review

From reader reviews:

Laura Hargis:

Do you have favorite book? When you have, what is your favorite's book? E-book is very important thing for us to be aware of everything in the world. Each e-book has different aim or maybe goal; it means that e-book has different type. Some people truly feel enjoy to spend their the perfect time to read a book. They may be reading whatever they get because their hobby is usually reading a book. Think about the person who don't like reading a book? Sometime, individual feel need book after they found difficult problem as well as exercise. Well, probably you will want this Core Java™ 2, Volume I--Fundamentals (7th Edition).

Walter Goodwin:

In other case, little persons like to read book Core Java™ 2, Volume I--Fundamentals (7th Edition). You can choose the best book if you'd prefer reading a book. Provided that we know about how is important a book Core Java™ 2, Volume I--Fundamentals (7th Edition). You can add know-how and of course you can around the world by the book. Absolutely right, simply because from book you can recognize everything! From your country until finally foreign or abroad you can be known. About simple factor until wonderful thing you can know that. In this era, we are able to open a book or even searching by internet unit. It is called e-book. You can use it when you feel bored stiff to go to the library. Let's learn.

James Henderson:

As people who live in often the modest era should be update about what going on or data even knowledge to make all of them keep up with the era which can be always change and make progress. Some of you maybe can update themselves by examining books. It is a good choice for you personally but the problems coming to a person is you don't know what one you should start with. This Core Java™ 2, Volume I--Fundamentals (7th Edition) is our recommendation to make you keep up with the world. Why, since this book serves what you want and wish in this era.

Diane McCarthy:

Do you have something that that suits you such as book? The reserve lovers usually prefer to opt for book like comic, limited story and the biggest one is novel. Now, why not seeking Core Java™ 2, Volume I--Fundamentals (7th Edition) that give your pleasure preference will be satisfied through reading this book. Reading routine all over the world can be said as the opportinity for people to know world much better then how they react when it comes to the world. It can't be explained constantly that reading habit only for the geeky man or woman but for all of you who wants to be success person. So , for all you who want to start reading as your good habit, you are able to pick Core Java™ 2, Volume I--Fundamentals (7th Edition) become your starter.

Download and Read Online Core Java™ 2, Volume I--Fundamentals (7th Edition) By Cay S. Horstmann, Gary Cornell #GA2IO7CQEB5

Read Core Java™ 2, Volume I--Fundamentals (7th Edition) By Cay S. Horstmann, Gary Cornell for online ebook

Core Java™ 2, Volume I--Fundamentals (7th Edition) By Cay S. Horstmann, Gary Cornell Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Core Java™ 2, Volume I--Fundamentals (7th Edition) By Cay S. Horstmann, Gary Cornell books to read online.

Online Core Java™ 2, Volume I--Fundamentals (7th Edition) By Cay S. Horstmann, Gary Cornell ebook PDF download

Core Java™ 2, Volume I--Fundamentals (7th Edition) By Cay S. Horstmann, Gary Cornell Doc

Core Java™ 2, Volume I--Fundamentals (7th Edition) By Cay S. Horstmann, Gary Cornell Mobipocket

Core Java™ 2, Volume I--Fundamentals (7th Edition) By Cay S. Horstmann, Gary Cornell EPub

GA2IO7CQEB5: Core Java™ 2, Volume I--Fundamentals (7th Edition) By Cay S. Horstmann, Gary Cornell