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Volume II quickly brings
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code examples are
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descriptions of new
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and integrated with insightful explanations of advanced Java programming techniques. You'll learn all you need to build robust production software with Streams, files, and regular expressions XML Networking Database programming facilities JNDI/LDAP directory integration Internationalization Advanced Swing techniques JavaBeans components Web services Advanced platform security features Annotations Distributed

objects Native methods, and more For detailed coverage of fundamental Java SE 7 features, including objects, classes, inheritance, interfaces, reflection, events, exceptions, graphics, Swing, generics, collections, concurrency, and debugging, look for Core Java™, Volume I—Fundamentals, Ninth Edition (ISBN-13: 978-0-13-708189-9). **Core Java, Volume II-- Advanced Features** "O'Reilly Media, Inc." The #1 Guide to Advanced Java

Programming, Fully Updated for Java 11 Core Java has long been recognized as the leading, no-nonsense tutorial and reference for experienced programmers who want to write robust Java code for real-world applications. Now, Core Java, Volume II-- Advanced Features, Eleventh Edition, has been updated for Java 11, with up-to-date coverage of advanced UI and enterprise programming, networking, security, and Java's powerful new module system. Cay S. Horstmann explores

sophisticated new language and library features with the depth and completeness that readers expect from Core Java . He demonstrates how to use these features to build professional-quality applications, using thoroughly tested examples that reflect modern Java style and best practices, including modularization. Horstmann's examples are carefully crafted for easy understanding and maximum practical value, so you can consistently use them to jump-start

your own code. Master advanced techniques, idioms, and best practices for writing superior Java code Take full advantage of modern Java I/O APIs, object serialization, and regular expressions Efficiently connect to network services, implement network clients and servers, and harvest web data Query databases and manage database connections with the latest version of JDBC Simplify all aspects of date and time programming with the Java Date and Time API

Write internationalized programs that localize dates, times, numbers, text, and GUIs Process code in three powerful ways: the scripting API, compiler API, and annotation processing Learn how to migrate legacy code to the Java Platform Module System Leverage the modern Java security features most valuable to application programmers Program advanced client-side user interfaces, and generate images on the server Use JNI to interoperate with native C code See Core

Java, Volume I- Fundamentals, Eleventh Edition (ISBN-13: 978-0-13-516630-7), for expert coverage of fundamental Java and UI programming, including objects, generics, collections, lambda expressions, Swing design, concurrency, and functional programming. Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

Core Java 9 Core Java, Volume II--Advanced

Features

Learn Azure in a Month of Lunches, Second Edition, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills.

Summary You can be incredibly productive with Azure without mastering every feature, function, and service. Learn Azure in a Month of Lunches, Second Edition gets you

up and running quickly, teaching you the most important concepts and tasks in 21 practical bite-sized lessons. As you explore the examples, exercises, and labs, you'll pick up valuable skills immediately and take your first steps to Azure mastery! This fully revised new edition covers core changes to the Azure UI, new Azure features, Azure containers, and the upgraded Azure Kubernetes Service. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub

formats from Manning Publications. About the technology Microsoft Azure is vast and powerful, offering virtual servers, application templates, and prebuilt services for everything from data storage to AI. To navigate it all, you need a trustworthy guide. In this book, Microsoft engineer and Azure trainer Iain Foulds focuses on core skills for creating cloud-based applications. About the book *Learn Azure in a Month of Lunches, Second Edition*, is a tutorial on writing,

deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. What's inside Understanding Azure beyond point-and-click Securing applications and data Automating your environment Azure services for machine learning, containers, and more About the reader This book is for readers who can write and deploy simple web or

client/server applications. About the author Iain Foulds is an engineer and senior content developer with Microsoft. Table of Contents PART 1 - AZURE CORE SERVICES 1 Before you begin 2 Creating a virtual machine 3 Azure Web Apps 4 Introduction to Azure Storage 5 Azure Networking basics PART 2 - HIGH AVAILABILITY AND SCALE 6 Azure Resource Manager 7 High availability and redundancy 8 Load-balancing applications 9 Applications that scale 10 Global databases with

Cosmos DB 11 Managing network traffic and routing 12 Monitoring and troubleshooting PART 3 - SECURE BY DEFAULT 13 Backup, recovery, and replication 14 Data encryption 15 Securing information with Azure Key Vault 16 Azure Security Center and updates PART 4 - THE COOL STUFF 17 Machine learning and artificial intelligence 18 Azure Automation 19 Azure containers 20 Azure and the Internet of Things 21 Serverless computing C# Prentice Hall Ptr

Core Java, Volume II-- Advanced Features Prentice Hall
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 Take Your Skills to the Next Level with 70+ Examples Get the Kindle version FREE when purchasing the Paperback! This third instalment in the Step-By-Step C# Series is geared towards seasoned developers and novices alike. This guide explores slightly more advanced C# techniques, while being presented in our

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this wonderful world of programming. We aim to keep the core of the examples similar, so the only variable is the topic under discussion. This makes for easier learning and effortless referencing. Key Topics Interfaces Namespaces File I/O Operations Exception Handling Attributes Properties Delegates Reflection Collections Generics Events Multithreading Regular Expressions Get Your Copy Today!
Core Java, Volume I: Fundamentals, 12e

Pearson Education
The #1 Java Guide for Serious Programmers: Fully Updated through Java 17 Core Java, Volume II: Fundamentals, Twelfth Edition, is the definitive guide to writing robust, maintainable code. Whatever version of Java you are using--up to and including Java 17--this book will help you achieve a deep and practical understanding of the language and APIs. With authoritative coverage of enterprise programming, networking, databases,

security, modularization, internationalization, code processing, native methods, and more. Cay S. Horstmann explores sophisticated new features with depth and completeness, demonstrating how to use them to build professional-quality applications. This book is written for readers with prior programming experience who are looking for in-depth coverage of the Java language and platform. You'll learn about all language features in

detail, including the recent improvements in Java 17. The examples are carefully crafted for easy understanding and maximum practical value, so you can rely on them to jump-start your own code.. For 25 years, Core Java has prepared serious programmers for serious Java programming. Master advanced techniques, idioms, and best practices for writing superior Java code. Make the most of enhanced Java I/O APIs, object serialization, and regular expressions. Efficiently connect to

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Core Java, Volume II: Advanced Features, Twelfth Edition is the reliable source for expert coverage of Java 17 enterprise features, the module system, annotations, networking, security, and advanced UI programming.

Java Concepts Pearson Education

An Accessible Guide to the Java Language and Libraries Modern Java introduces major enhancements that impact the core Java technologies and APIs at the heart of the Java


platform. Many old Java idioms are no longer needed and new features such as modularization make you far more effective. However, navigating these changes can be challenging. Core Java® SE 9 for the Impatient, Second Edition, is a complete yet concise guide that includes all the latest changes up to Java SE 9. Written by Cay S. Horstmann—author of the classic two-volume Core Java—this indispensable tutorial offers a faster, easier pathway for learning modern Java.


Given Java SE 9’s size and the scope of its enhancements, there’s plenty to cover, but it’s presented in small chunks organized for quick access and easy understanding. Horstmann’s practical insights and sample code help you quickly take advantage of all that’s new, from Java SE 9’s long-awaited “Project Jigsaw” module system to the improvements first introduced in Java SE 8, including lambda expressions and streams. Use modules to simplify the development of well-

performing complex systems Migrate applications to work with the modularized Java API and third-party modules Test code as you create it with the new JShell Read-Eval-Print Loop (REPL) Use lambda expressions to express actions more concisely Streamline and optimize data management with today's Streams API Leverage modern concurrent programming based on cooperating tasks Take advantage of a multitude of API improvements for working with collections,

input/output, regular expressions, and processes Whether you're just getting started with modern Java or you're an experienced developer, this guide will help you write tomorrow's most robust, efficient, and secure Java code. Register your product at informit.com/register for convenient access to downloads, updates, and/or corrections as they become available. *Volume I - Fundamentals, Ninth Edition* Prentice Hall In *Java Concepts*, Cay Horstmann provides a

comprehensive introduction to fundamental programming techniques and design skills helping the student master basic concepts. Realistic programming examples, homework assignments, and lab exercises build student problem-solving abilities.

Core Java Addison-Wesley Professional Core Java  has long been recognized as the leading, no-nonsense tutorial and reference for experienced programmers who want to write robust Java code for

real-world applications. Now, Core Java , Volume II--Advanced Features, Tenth Edition, has been extensively updated to reflect the most eagerly awaited and innovative version of Java in years: Java SE 8. Rewritten and reorganized to illuminate powerful new Java features, idioms, and best practices for enterprise and desktop development, it contains hundreds of up-to-date example programs--all carefully crafted for easy understanding and practical applicability.

Writing for serious programmers solving real-world problems, Cay Horstmann deepens your understanding of today's Java language and library. In this second of two updated volumes, he offers in-depth coverage of advanced topics including the new Streams API and date/time/calendar library, advanced Swing, security, code processing, and more. This guide will help you Use the new Streams library to process collections more flexibly and efficiently Efficiently

access files and directories, read/write binary or text data, and serialize objects Work with Java SE 8's regular expression package Make the most of XML in Java: parsing, validation, XPath, document generation, XSL, and more Efficiently connect Java programs to network services Program databases with JDBC 4.2 Elegantly overcome date/time programming complexities with the new java.time API Write internationalized programs with localized dates/times, numbers,

text, and GUIs Process code with the scripting API, compiler API, and annotation processors Enforce security via class loaders, bytecode verification, security managers, permissions, user authentication, digital signatures, code signing, and encryption Master advanced Swing components for lists, tables, trees, text, and progress indicators Produce high-quality drawings with the Java 2D API Use JNI native methods to leverage code in other languages If

you're an experienced programmer moving to Java SE 8, *Core Java*, Tenth Edition, is the reliable, practical, and complete guide to the Java platform that has been trusted by developers for over twenty years. Look for the companion volume, *Core Java*, Volume I-- Fundamentals, Tenth Edition (ISBN-13: 978-0-13-417730-4), for foundational coverage of Java 8 language concepts, UI programming, objects, generics, collections, lambda expressions,

concurrency, functional programming, and more. [Core Java](#) Elsevier 7 Hours of Video Instruction *Core Java*®, Volumes I and II, have long been recognized as the leading, no-nonsense tutorial and reference for experienced programmers who want to write robust Java code for real-world applications. In *Core Java*® : *Advanced LiveLessons*, Cay S. Horstmann takes that same approach to introducing experienced programmers to Java, with detailed demonstration. This training pairs with

the tenth edition of Core Java ® , Volume II Advanced Features , which has been fully updated to cover Java SE 8. In these video LiveLessons, you will learn about advanced Java language features along with the most useful parts of the standard library. In order to take full advantage of the lessons, be sure to download the companion source code . Related Content: Core Java LiveLessons (Complete Video Course) Core Java, Volume I-- Fundamentals, Tenth

Edition Core Java, Volume II--Advanced Features, Tenth Edition Lessons 1 and 2 cover lambda expressions, an important addition to Java 8, and the streams library, which makes extensive use of lambda expressions. With streams, you can efficiently analyze large data sets, simply by telling what you want to achieve. Leave it to the streams library to figure out the "how." Lesson 3 covers bread-and-butter issues related to input and output: text processing, file handling,

regular expressions, and connecting to web servers. Lesson 4 covers concurrency, the most important lesson within this LiveLessons training. Nowadays, processors have multiple cores and we need to keep them busy. But it is challenging to write programs that safely run tasks in parallel. This lesson gives you a set of strategies to meet that challenge. The next two lessons are all about building tools. Lesson 5 introduces the annotation mechanism. You will see how tools use

annotations for checking program correctness, generating code, interfacing with databases and web services. Another way of making your programs smarter is by allowing your users to provide extensions in Java or a scripting language. Lesson 6 shows you how to run the Java compiler or a language interpreter in your programs. In Lesson 7 , you will learn how to write programs for users anywhere in the world, with their preferences for formatting and messages in their

language. Lesson 8 covers the new java.time package that handles complexities like leap years, time zones, and daylight savings time. The last two lessons, Lessons 9 and 10 , show you how to interface wit...

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The #1 Java Guide for Serious Programmers: Fully Updated through Java 17 Core Java, Volume I: Fundamentals, Twelfth Edition, is the definitive guide to writing robust, maintainable code. Whatever version of Java

you are using--up to and including Java 17--this book will help you achieve a deep and practical understanding of the language and APIs. With hundreds of realistic examples, Cay S. Horstmann reveals the most powerful and effective ways to get the job done. This book is written for readers with prior programming experience who are looking for in-depth coverage of the Java language and platform. You'll learn about all language features in

detail, including the recent improvements in Java 17. The applied chapters and code examples cover the most up-to-date capabilities of the vast Java library. For 25 years, Core Java has prepared serious programmers for serious Java programming. This first of two volumes offers in-depth coverage of fundamental Java programming, including object-oriented programming, generics, collections, lambda expressions, concurrency, and functional

programming. Classic material for Swing UI programming is included for those who need it. This edition's new content covers text blocks, switch enhancements, records, pattern matching for instanceof, sealed classes, and more. Master foundational techniques, idioms, and best practices for writing superior Java code Leverage the power of interfaces, lambda expressions, and inner classes Harden programs through effective exception handling and debugging Write safer,

more reusable code with generic programming Improve performance and efficiency with Java's standard collections Explore simple programs with JShell and assemble complex programs with archives and modules Build cross-platform GUIs with the Swing toolkit Fully utilize multicore processors with Java's powerful concurrency model See Core Java, Volume II: Advanced Features, Twelfth Edition (coming in 2022), for expert coverage of Java 17 enterprise features,

the module system, annotations, networking, security, and advanced UI programming. Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

C# For Java Programmers
Prentice Hall

Big Java: Early Objects, 7th Edition focuses on the essentials of effective learning and is suitable for a two-semester introduction to programming sequence. This text requires no prior

programming experience and only a modest amount of high school algebra. Objects and classes from the standard library are used where appropriate in early sections with coverage on object-oriented design starting in Chapter 8. This gradual approach allows students to use objects throughout their study of the core algorithmic topics, without teaching bad habits that must be un-learned later. The second half covers algorithms and data structures at a level

suitable for beginning students. Choosing the enhanced eText format allows students to develop their coding skills using targeted, progressive interactivities designed to integrate with the eText. All sections include built-in activities, open-ended review exercises, programming exercises, and projects to help students practice programming and build confidence. These activities go far beyond simplistic multiple-choice questions and animations. They have been designed

to guide students along a learning path for mastering the complexities of programming. Students demonstrate comprehension of programming structures, then practice programming with simple steps in scaffolded settings, and finally write complete, automatically graded programs. The perpetual access VitalSource Enhanced eText, when integrated with your school's learning management system, provides the

capability to monitor student progress in VitalSource SCORECenter and track grades for homework or participation. *Enhanced eText and interactive functionality available through select vendors and may require LMS integration approval for SCORECenter. Advanced Features and Programming Techniques Prentice Hall Core Java® has long been recognized as the leading, no-nonsense tutorial and reference for experienced programmers who want to

write robust Java code for real-world applications. Now, Core Java®, Volume I-Fundamentals, Tenth Edition, has been extensively updated to reflect the most eagerly awaited and innovative version of Java in years: Java SE 8. Rewritten and reorganized to illuminate new Java SE 8 features, idioms, and best practices, it contains hundreds of example programs—all carefully crafted for easy understanding and practical applicability. Writing for serious

programmers solving real-world problems, Cay Horstmann helps you achieve a deep understanding of the Java language and library. In this first volume of the two-volume work, Horstmann focuses on fundamental language concepts and the foundations of modern user interface programming. You'll find in-depth coverage of topics ranging from Java object-oriented programming to generics, collections, lambda expressions, Swing UI

design, and the latest approaches to concurrency and functional programming. This guide will help you Leverage your existing programming knowledge to quickly master core Java syntax Understand how encapsulation, classes, and inheritance work in Java Master interfaces, inner classes, and lambda expressions for functional programming Improve program robustness with exception handling and effective debugging Write safer, more readable

programs with generics and strong typing Use pre-built collections to collect multiple objects for later retrieval Master concurrent programming techniques from the ground up Build modern cross-platform GUIs with standard Swing components Deploy configurable applications and applets, and deliver them across the Internet Simplify concurrency and enhance performance with new functional techniques If you're an experienced programmer moving to Java SE 8, Core

Java®, Tenth Edition, will be your reliable, practical companion—now and for many years to come. Look for the companion volume, Core Java®, Volume II—Advanced Features, Tenth Edition (ISBN-13: 978-0-13-417729-8), for coverage of Java 8 streams, input and output, XML, databases, annotations, and other advanced topics. Register your product or convenient access to downloads, updates, and corrections as they become available. See

inside the book for information.

Core Java, Volume II - Advanced Features, Tenth Edition Pearson Education India

This book introduces programmers to objects at a gradual pace. The syntax boxes are revised to show typical code examples rather than abstract notation. This includes optional example modules using Alice and Greenfoot. The examples feature annotations with `do` and `don'ts` along with cross references to more detailed explanations in

the text. New tables show a large number of typical and cautionary examples. New programming and review problems are also presented that ensure a broad coverage of topics. In addition, Java 7 features are included to provide programmers with the most up-to-date information. *Core Java* Manning Publications Fully updated to reflect Java SE 7 language changes, *Core Java, Volume I - Fundamentals, Ninth Edition*, is the definitive guide to the

Java platform. Designed for serious programmers, this reliable, unbiased, no-nonsense tutorial illuminates key Java language and library features with thoroughly tested code examples. As in previous editions, all code is easy to understand, reflects modern best practices, and is specifically designed to help jumpstart your projects. Volume I quickly brings you up-to-speed on Java SE 7 core language enhancements, including the diamond operator,

improved resource handling, and catching of multiple exceptions. All of the code examples have been updated to reflect these enhancements, and complete descriptions of new SE 7 features are integrated with insightful explanations of fundamental Java concepts. You'll learn all you need to be productive with The Java programming environment Objects, classes, and inheritance Interfaces and inner classes Reflection and proxies Graphics

programming Event handling and the event listener model Swing-based user interface components Application and applet deployment Exceptions, logging, assertions, and debugging Generic programming Collections Concurrency, and more For detailed coverage of advanced features, including the new API for file input/output and enhancements to the concurrency utilities, look for Core Java, Volume II - Advanced Features, Ninth Edition (ISBN-13:

978-0-13-708160-8).
Learn Azure in a Month of Lunches, Second Edition
Prentice Hall Ptr
Core Java has long been recognised as the leading no-nonsense tutorial and reliable reference. It carefully explains the most important language and library features and shows how to build real-world applications with thoroughly tested examples. The example programs have been carefully crafted to be easy to understand as well as useful in practice, so you can rely on them

as the starting point for your own code. All of the code examples have been rewritten to reflect modern Java best practices and code style. The critical new features introduced with Java SE 9 are all thoroughly explored with the depth and completeness that readers expect from this title. Core Java Volume I walks readers through the all details and takes a deep dive into the most critical features of the language and core libraries. This guide will help you Leverage your

existing programming knowledge to quickly master core Java syntax Understand how encapsulation, classes, and inheritance work in Java Master interfaces, inner classes, and lambda expressions for functional programming Improve program robustness with exception handling and effective debugging Write safer, more readable programs with generics and strong typing Use pre-built collections to collect multiple objects for later retrieval Master concurrent programming

techniques from the ground up Build modern cross-platform GUIs with standard Swing components Deploy configurable applications and applets, and deliver them across the Internet Simplify concurrency and enhance performance with new functional techniques
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 Core Java® has long been recognized as the leading, no-nonsense tutorial and reference for experienced programmers who want to write robust Java code for real-world applications. Now, Core Java®, Volume II - Advanced Features, Tenth Edition, has been extensively updated to reflect the most eagerly awaited and innovative version of Java in years: Java SE 8. Rewritten and reorganized to illuminate powerful new Java features, idioms, and best

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date/time/calendar library, advanced Swing, security, code processing, and more. This guide will help you Use the new Streams library to process collections more flexibly and efficiently Efficiently access files and directories, read/write binary or text data, and serialize objects Work with Java SE 8's regular expression package Make the most of XML in Java: parsing, validation, XPath, document generation, XSL, and more Efficiently connect Java programs to network services Program

databases with JDBC 4.2 Elegantly overcome date/time programming complexities with the new java.time API Write internationalized programs with localized dates/times, numbers, text, and GUIs Process code with the scripting API, compiler API, and annotation processors Enforce security via class loaders, bytecode verification, security managers, permissions, user authentication, digital signatures, code signing, and encryption Master advanced Swing

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Fundamentals, Tenth Edition (ISBN-13: 978-0-13-417730-4), for foundational coverage of Java 8 language concepts, UI programming, objects, generics, collections, lambda expressions, concurrency, functional programming, and more. [Core Java, Volume II--Advanced Features, Eleventh Edition](#) Oracle Press

The release of Java SE 8 introduced significant enhancements that impact the Core Java technologies and APIs at the heart of the Java

platform. Many old Java idioms are no longer required and new features like lambda expressions will increase programmer productivity, but navigating these changes can be challenging. [Core Java™ for the Impatient](#) is a complete but concise guide to Java SE 8. Written by Cay Horstmann--the author of [Java SE 8 for the Really Impatient](#) and [Core Java™](#), the classic, two-volume introduction to the Java language--this indispensable new tutorial offers a faster, easier

pathway for learning the language and libraries. Given the size of the language and the scope of the new features introduced in Java SE 8, there's plenty of material to cover, but it's presented in small chunks organized for quick access and easy understanding. If you're an experienced programmer, Horstmann's practical insights and sample code will help you quickly take advantage of lambda expressions (closures), streams, and other Java language and platform improvements.

Horstmann covers everything developers need to know about modern Java, including Crisp and effective coverage of lambda expressions, enabling you to express actions with a concise syntax A thorough introduction to the new streams API, which makes working with data far more flexible and efficient A treatment of concurrent programming that encourages you to design your programs in terms of cooperating tasks instead of low-level threads and locks Up-to-date coverage

of new libraries like Date and Time Other new features that will be especially valuable for server-side or mobile programmers Whether you are just getting started with modern Java or are an experienced developer, this guide will be invaluable for anyone who wants to write tomorrow's most robust, efficient, and secure Java code.

Core Java, Volume II--
Advanced Features

Addison-Wesley
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Fully updated to reflect

Java SE 7 language changes, Core Java®, Volume II - Advanced Features, Ninth Edition, is the definitive guide to Java's most powerful features for enterprise and desktop application development. Designed for serious programmers, this reliable, unbiased, no-nonsense tutorial illuminates advanced Java language and library features with thoroughly tested code examples. As in previous editions, all code is easy to understand and displays modern best-practice

solutions to the realworld challenges faced by professional developers. Volume II quickly brings you up-to-speed on key Java SE 7 enhancements, ranging from the new file I/O API to improved concurrency utilities. All code examples are updated to reflect these enhancements. Complete descriptions of new language and platform features are highlighted and integrated with insightful explanations of

advanced Java programming techniques. You'll learn all you need to build robust production software with Streams, files, and regular expressions XML Networking Database programming facilities JNDI/LDAP directory integration Internationalization Advanced Swing techniques JavaBeans components Web services Advanced platform

security features Annotations Distributed objects Native methods, and more For detailed coverage of fundamental Java SE 7 features, including objects, classes, inheritance, interfaces, reflection, events, exceptions, graphics, Swing, generics, collections, concurrency, and debugging, look for Core Java, Volume I - Fundamentals, Ninth Edition (ISBN-13: 978-0-13-708189-9).