

Java Documentation Example

Think Java How to Think Like a Computer Scientist "O'Reilly Media, Inc."

Containing 101 fun, interesting, and useful ways to get more out of Java, this title targets developers and system architects who have some basic Java knowledge but may not be familiar with the wide range of libraries available.

This tutorial book based on notes and sample codes collected by the author while he was learning Java tools himself.

Topics includes: 'java/javaw' Launcher, 'javac' Compiler, 'javadoc' Document Generator, 'javap' Class File Disassembler, 'jar/jarsigner' Archive Tool, 'jconsole' Console, 'jdb' Debugger, 'jdeps' Dependency Analyzer, 'jdeprscan' Deprecated API Scanner, 'jhat' Heap Analysis Tool, 'jlink' JRE Linker, 'jhsdb' HotSpot Debugger, 'jmap' Memory Dumper, 'jmc' Mission Control, 'jpackage' Binary Package Builder, 'jrunscript' Script Shell, 'jstack' Stack Dumper, 'jstat' Statistics, 'jstatd' Statistics Daemon, 'jvisualvm' Visual VM, 'keytool' Keystore Tool, 'serialver' serialVersionUID generator. Updated in 2022 (Version v6.22) with JDK 17. For latest updates and free sample chapters, visit <https://www.herongyang.com/Java-Tools>. A new edition of a best-selling Java tutorial covers the latest developments in Java--with special emphasis on Android programming--as well as core Java programming topics for those familiar with the basics of programming but new to Java. Original.

C# For Java Programmers

Java Instant Learn

Fundamentals

Fundamental Approaches to Software Engineering

Lambdas, streams, functional and reactive programming

Java GC Tutorials - Herong's Tutorial Examples

Learn the basics of Java 9, including basic programming concepts and the object-oriented fundamentals necessary at all levels of Java development. Author Kishori Sharan walks you through writing your first Java program step-by-step. Armed with that practical experience, you'll be ready to learn the core of the Java language. Beginning Java 9 Fundamentals provides over 90 diagrams and 240 complete programs to help you learn the topics faster. The book continues with a series of foundation topics, including using data types, working with operators, and writing statements in Java. These basics lead onto the heart of the Java language: object-oriented programming. By learning topics such as classes, objects, interfaces, and inheritance you'll have a good understanding of Java's object-oriented model. The final collection of topics takes what you've learned and turns you into a real Java programmer. You'll see how to take the power of object-oriented programming and write programs that can handle errors and exceptions, process strings and dates, format data, and work with arrays to manipulate data. This book is a companion to two other books also by Sharan focusing on APIs and advanced Java topics. What You'll Learn Write your first Java programs with an emphasis on learning object-oriented

programming in Java Work with data types, operators, statements, classes and objects Handle exceptions, assertions, strings and dates, and object formatting Use regular expressions Work with arrays, interfaces, enums, and inheritance Take advantage of the new JShell REPL tool Who This Book Is For Those who are new to Java programming, who may have some or even no prior programming experience.

The book on ‘Boosting Java Application Development with Eclipse – Exploring Java Perspectives’ is the outcome of years of teaching and software development experience in Java on Eclipse platform. Eclipse is extensible Integrated Development Environment (IDE). The purpose of this book is to provide easy way to carry out software development using Java on Eclipse platform. Its intent is to make students familiar with creation of Java project, Executing RMI Application, JDBC Applications and Web application etc. using Eclipse. It aims to provide comprehensive material on Java programming on Eclipse platform to undergraduate and graduate students as well software developers.

Summary Manning's bestselling Java 8 book has been revised for Java 9! In Modern Java in Action, you'll build on your existing Java language skills with the newest features and techniques. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Modern applications take advantage of innovative designs, including microservices, reactive architectures, and streaming data. Modern Java features like lambdas, streams, and the long-awaited Java Module System make implementing these designs significantly easier. It's time to upgrade your skills and meet these challenges head on! About the Book Modern Java in Action connects new features of the Java language with their practical applications. Using crystal-clear examples and careful attention to detail, this book respects your time. It will help you expand your existing knowledge of core Java as you master modern additions like the Streams API and the Java Module System, explore new approaches to concurrency, and learn how functional concepts can help you write code that's easier to read and maintain. What's inside Thoroughly revised edition of Manning's bestselling Java 8 in Action New features in Java 8, Java 9, and beyond Streaming data and reactive programming The Java Module System About the Reader Written for developers familiar with core Java features. About the Author Raoul-Gabriel Urma is CEO of Cambridge Spark. Mario Fusco is a senior software engineer at Red Hat. Alan Mycroft is a University of Cambridge computer science professor; he cofounded the Raspberry Pi Foundation. Table of Contents PART 1 - FUNDAMENTALS Java 8, 9, 10, and 11: what's happening? Passing code with behavior parameterization Lambda expressions PART 2 - FUNCTIONAL-STYLE DATA PROCESSING WITH STREAMS Introducing streams Working with streams Collecting data with streams Parallel data processing and performance PART 3 - EFFECTIVE PROGRAMMING WITH STREAMS AND LAMBIDAS Collection API enhancements Refactoring, testing, and debugging Domain-specific languages using lambdas PART 4 - EVERYDAY JAVA Using Optional as a better alternative to null New Date and Time API Default methods The Java Module System PART 5 - ENHANCED JAVA CONCURRENCY Concepts behind CompletableFuture and reactive programming CompletableFuture: composable asynchronous programming Reactive programming PART 6 - FUNCTIONAL PROGRAMMING AND FUTURE JAVA EVOLUTION Thinking functionally Functional programming techniques Blending OOP and FP: Comparing Java and Scala

Conclusions and where next for Java

This updated edition of *Java in a Nutshell* not only helps experienced Java programmers get the most out of Java versions 9 through 11, it's also a learning path for new developers. Chock full of examples that demonstrate how to take complete advantage of modern Java APIs and development best practices, this thoroughly revised book includes new material on Java Concurrency Utilities. The book's first section provides a fast-paced, no-fluff introduction to the Java programming language and the core runtime aspects of the Java platform. The second section is a reference to core concepts and APIs that explains how to perform real programming work in the Java environment. Get up to speed on language details, including Java 9-11 changes Learn object-oriented programming, using basic Java syntax Explore generics, enumerations, annotations, and lambda expressions Understand basic techniques used in object-oriented design Examine concurrency and memory, and how they're intertwined Work with Java collections and handle common data formats Delve into Java's latest I/O APIs, including asynchronous channels Use Nashorn to execute JavaScript on the Java Virtual Machine Become familiar with development tools in OpenJDK

Covering Java 7 and Android

Making Music with Java

The Art, Philosophy, and Science of Object-oriented Programming

Java Programming for Spatial Sciences

A Security Wake-Up Call for Web Programmers

Java for Artists

For nearly five years, one book has served as the definitive reference to Java for all serious developers: The Java Language Specification, by James Gosling, Bill Joy, and Guy Steele. Now, these world-renowned Java authorities (along with new co-author Gilad Bracha) have delivered a monumental update. This completely revised Second Edition covers the Java 2 Platform Standard Edition Version 1.3 with unprecedented depth and precision, offering the invaluable insights of Java's creators to every developer. There is no better source for learning everything about the Syntax and Semantics of the Java programming language. Developers will turn to this book again and again.

Prepare yourself to take on new and exciting Java programming challenges with this one-stop resource Job Ready Java delivers a comprehensive and foundational approach to Java that is immediately applicable to real-world environments. Based on the highly regarded and effective Software Guild Java Bootcamp: Object Oriented Programming course, this book teaches you the basic and advanced Java concepts you will need at any entry-level Java

position. With the “Pulling It Together” sections, you’ll combine and integrate the concepts and lessons taught by the book, while also benefiting from: A thorough introduction to getting set up with Java, including how to write, compile, and run Java programs with or without a Java IDE Practical discussions of the basics of the Java language, including syntax, program flow, and code organization A walk through the fundamentals of Object-Oriented Programming including Classes, Objects, Interfaces, and Inheritance, and how to leverage OOP in Java to create elegant code. Explorations of intermediate and advanced Java concepts, including Maven , unit testing, Lambdas, Streams, and the Spring Framework Perfect for Java novices seeking to make a career transition, Job Ready Java will also earn a place in the libraries of Java developers wanting to brush up on the fundamentals of their craft with an accessible and up-to-date resource.

Everything the ColdFusion pro needs to understand Java technology, install and run a Java Web server, write Java apps, and build and deploy JavaServer Pages is in this workbook. Includes practical coverage with loads of code and tips especially for the ColdFusion developer.

A definitive guide to Java's most powerful features for enterprise and desktop application development.

JavaFX Essentials

The Java Language Specification

14th International Conference, FASE 2011, Held as Part of the Joint European Conference on Theory and Practice of Software, ETAPS 2011, Saarbrücken, Germany, March 26--April 3, 2011, Proceedings

Java Cookbook

Java for ColdFusion Developers

Code Bits, Open-source Libraries, and Project Ideas

Java For Artists: The Art, Philosophy, and Science of Object-Oriented Programming is a Java programming language text/tradebook that targets beginner and intermediate Java programmers.

Currently used at many colleges, universities, and high schools, this hands-on introduction to computer science is ideal for people with

little or no programming experience. The goal of this concise book is not just to teach you Java, but to help you think like a computer scientist. You'll learn how to program—a useful skill by itself—but you'll also discover how to use programming as a means to an end. Authors Allen Downey and Chris Mayfield start with the most basic concepts and gradually move into topics that are more complex, such as recursion and object-oriented programming. Each brief chapter covers the material for one week of a college course and includes exercises to help you practice what you've learned. Learn one concept at a time: tackle complex topics in a series of small steps with examples Understand how to formulate problems, think creatively about solutions, and write programs clearly and accurately Determine which development techniques work best for you, and practice the important skill of debugging Learn relationships among input and output, decisions and loops, classes and methods, strings and arrays Work on exercises involving word games, graphics, puzzles, and playing cards

Java Programmers, Prepare for Microsoft's .NET initiative while enhancing your repertoire and marketability with C# for Java Programmers! C# for Java Programmers will prepare readers for the .NET framework by building on what they already know about object-oriented languages and give them the means to maintain their flexibility and effectiveness in an un-certain marketplace. This book will compare and contrast the advantages and disadvantages of both Java and C# to allow programmers to make their own decisions regarding what each language is best used for. Whatever your feelings are about Microsoft and its .NET initiative, there can be no denying that C# is here to stay. The C# language, a close cousin to Java, is a new object-oriented programming language (OOPL) designed to work within the .NET framework. It improves upon many of the vague or ill-defined areas of C++ that frequently lead programmers into trouble. C# is a strongly-typed, object-oriented language designed to give the optimum blend of simplicity, expressiveness, and performance. Written specifically for Java programmers. C# for Java Programmers is not an introductory guide to C#, but builds on what Java programmers already know about object-oriented languages to give them an efficient means for making inroads to the .NET framework. Compare and Contrast. This book will compare and contrast many of the advantages and drawbacks of Java and C# to allow programmers to make informed, intelligent decisions based on the unique uses of each language.

JavaFX is a software platform to create and deliver rich Internet applications (RIAs) that can run across a wide variety of devices. JavaFX Essentials will help you to design and build high performance JavaFX 8-based applications that run on a variety of devices. Starting with the basics of the framework, it will take you all the way through creating your first working application to discovering the core and main JavaFX 8 features, then controlling and monitoring your outside world. The examples provided illustrate different JavaFX and Java SE 8 features. This guide is an invaluable tutorial if you are planning to develop and create JavaFX 8 applications to run on a variety of devices and platforms.

Java: The Good Parts

How to Think Like a Computer Scientist

Sams Teach Yourself Java in 21 Days

From Concepts to Code

Learn Java for Android Development

Java with Object-Oriented and Generic Programming

With more than 700,000 copies sold to date, Java in a Nutshell from O'Reilly is clearly the favorite resource amongst the legion of developers and programmers using Java technology. And now, with the release of the 5.0 version of Java, O'Reilly has given the book that defined the "in a Nutshell" category another impressive tune-up. In this latest revision, readers will find Java in a Nutshell, 5th Edition, does more than just cover the extensive changes implicit in 5.0, the newest version of Java. It's undergone a complete makeover--in scope, size, and type of coverage--in order to more closely meet the needs of the modern Java programmer. To wit, Java in a Nutshell, 5th Edition now places less emphasis on coming to Java from C and C++, and adds more discussion on tools and frameworks. It also offers new code examples to illustrate the working of APIs, and, of course, extensive coverage of Java 5.0. But faithful readers take comfort: it still hasn't lost any of its core elements that made it such a classic to begin with. This handy reference gets right to the heart of the program with an accelerated introduction to the Javaprogramming language and its key APIs--ideal for developers wishing to start writing code right away. And, as was the case in previous editions, Java in a Nutshell, 5th Edition is once again chock-full of poignant tips, techniques, examples, and practical advice. For as longas Java has existed, Java in a Nutshell has helped developers maximize the capabilities of the program's newest versions. And this latest edition is no different. Updated for Java SE 8, this book teaches the three most important topics in Java programming: the language syntax, object-oriented programming (OOP) and Java core libraries. This book introduces important programming concepts and is a guide to building real-world applications, both desktop and web-based. The coverage is the most comprehensive one can find in a beginner's book.

Demonstrates the advanced features of the most recent upgrade to the Java programming language, covering topics including multithreading, collections, networking, remote objects, JavaBeans, and GUI-building techniques. As one of the most popular software languages for building Web applications, Java is often the first programming language developers learn. Completely revised and packed with updates for new versions of Java, the Java Programming 24-Hour Trainer, Second Edition self-paced book + video package provides everything beginners need to get started programming Java with no prior programming experience needed. As with the first edition, Java Programming 24-Hour Trainer features easy-to-follow lessons, reinforced by step-by-step instructions, screencasts, and supplemental exercises, all of which allow readers of all learning styles to master Java programming quickly and painlessly. The more than 10 hours of popular Java programming screencasts from the first edition are completely updated and revised to be more watchable than ever. This edition includes updates for Java SE 8 and Java EE 7 but continues to be useful whatever recent version of Java you choose to learn with.

Lessons include: Object-Oriented Programming with Java Class Methods and Constructors Java Syntax: Bits and Pieces Packages, Interfaces, and Encapsulation Programming with Abstract Classes and Interfaces Error handling GUI Basics with Swing Event Handling in Swing GUI GUI Basics with JavaFX - NEW! Developing a game with JavaFX - NEW! Collections Generics Lambda Expressions - NEW! Working with Streams Java Serialization Network Programming Basics Streaming API - NEW! Introduction to Multi-Threading More on Concurrency Working with Databases Using JDBC Rendering Table Data to GUI Annotations and Reflection Remote Method Invocation Java EE 7 Overview - NEW! Programming with Servlets JavaServer Pages Web Applications with WebSockets - NEW! Java Messaging Service Java Naming and Directory Interface Enterprise JavaBeans Java Persistence API RESTful Web Services With JAX-RS Introduction to Spring MVC Framework Introduction to Spring Security - NEW! Build Automation with Gradle - NEW! Java Technical Interviews

strong style="color: Altova® MapForce® 2013 User & Reference Manual

Java Programming 24-Hour Trainer

Java SE 8 for Programmers

JavaTech, an Introduction to Scientific and Technical Computing with Java

Boosting Java Application Development with Eclipse

Beginning Java 9 Fundamentals

Practical instruction helps the reader master new features of Java 1.4 by working through a project similar to what is required to successfully complete the Sun Certified Developer Examination.

Summary: "Written for programmers with a background in high level language programming, the book applies the Deitel signature live code approach to teaching programming and explores the Java language in depth ... "

The Java programming language has been one of the most exciting internet-friendly technologies to emerge in the last decade. Java Programming for Spatial Sciences introduces the subject to those who wish to use computers to handle information with a geographical element. The book introduces object-oriented modeling including key concepts suc

This book looks at the two most popular ways of using Java SE 6 to write 3D games on PCs: Java 3D (a high-level scene graph API) and JOGL (a Java layer over OpenGL). Written by Java gaming expert, Andrew Davison, this book uses the new Java (SE) 6 platform and its features including splash screens, scripting, and the desktop tray interface. This book is also unique in that it covers Java game development using the Java 3D API and Java for OpenGL--both critical

components and libraries for Java-based 3D game application development

Code Complete

Innocent Code

Arrays, Objects, Modules, JShell, and Regular Expressions

A Desktop Quick Reference

Java 3D, JOGL, JInput and JOAL APIs

The book is written in such a way that learners without any background in programming are able to follow and understand it entirely. It discusses the concepts of Java in a simple and straightforward language with a clear cut explanation, without beating around the bush. On reading the book, readers are able to write simple programs on their own, as this is the first requirement to become a Java Programmer. The book provides ample solved programs which could be used by the students not only in their examinations but also to remove the fear of programming from their minds. After reading the book, the students gain the confidence to apply for a software development company, face the interview board and come out successful. The book covers sample interview questions which were asked in various interviews. It helps students to prepare for their future careers.

Essential Java Programming Skills--Made Easy! Fully updated for Java Platform, Standard Edition 8 (Java SE 8), Java: A Beginner's Guide, Sixth Edition gets you started programming in Java right away. Bestselling programming author Herb Schildt begins with the basics, such as how to create, compile, and run a Java program. He then moves on to the keywords, syntax, and constructs that form the core of the Java language. This Oracle Press resource also covers some of Java's more advanced features, including multithreaded programming, generics, and Swing. Of course, new Java SE 8 features such as lambda expressions and default interface methods are described. An introduction to JavaFX, Java's newest GUI, concludes this step-by-step tutorial. Designed for Easy Learning: Key Skills & Concepts -- Chapter-opening lists of specific skills covered in the chapter Ask the Expert -- Q&A sections filled with bonus information and helpful tips Try This -- Hands-on exercises that show you how to apply your skills Self Tests -- End-of-chapter quizzes to reinforce your skills Annotated Syntax -- Example code with commentary that describes the programming techniques being illustrated The book's code examples are available FREE for download.

What if you could condense Java down to its very best features and build better applications with that simpler version? In this book, veteran Sun Labs engineer Jim Waldo reveals which parts of Java are most useful, and why those features make Java among the best programming languages available. Every language eventually builds up crud, Java included. The core language has become increasingly large and complex, and the libraries associated with it have grown even more. Learn how to take advantage of Java's best features by working with an example application throughout the book. You may not like some of the features Jim Waldo considers good, but they'll actually help you write better code. Learn how the type system and packages help you build large-scale software Use exceptions to make code more reliable and easier to maintain Manage memory automatically with garbage collection Discover how the JVM provides portability, security, and nearly bug-free code Use Javadoc to embed documentation within the code Take advantage of reusable data structures in the collections library Use Java RMI to move code and data in a distributed network Learn how Java concurrency constructs let you exploit multicore processors Android development is hot, and many programmers are interested in joining the fun. However, because this technology is based on Java, you should first obtain a solid grasp of the Java language and its foundational APIs to improve your chances of succeeding as an Android app developer. After all, you will be busy learning the architecture of an Android app, the various Android-specific APIs, and Android-specific tools. If you do not already know Java fundamentals, you will probably end up with a massive headache from also having to quickly cram those fundamentals into your knowledge base. Learn Java for Android Development teaches programmers of any skill level the essential Java language and foundational Java API skills that must be learned to improve the programmer's chances of succeeding as an Android app developer. Each of the book's 10 chapters provides an exercise section that gives you the opportunity to reinforce your understanding of the chapter's material. Answers to the book's more than 300 exercises are provided in an appendix. Additionally, author Jeff Friesen has created six bonus chapters that you can download from his personal site, located at <http://tutortutor.ca/cgi-bin/makepage.cgi?/books/ljfad>. Once you complete this book, you will be ready to dive into Android, and you can start that journey by obtaining a copy of Beginning Android 2.

Job Ready Java

Java Tools Tutorials - Herong's Tutorial Examples

Core Java: An Integrated Approach: Covers Concepts, programs and Interview Questions w/CD

Wicked Cool Java

Core Java 2: Fundamentals

An Introduction to Computer Music, Java Programming and the JMusic Library

This concise and practical book shows where code vulnerabilities lie—without delving into the specifics of each system architecture, programming or scripting language, or application—and how best to fix them Based on real-world situations taken from the author's experiences of tracking coding mistakes at major financial institutions Covers SQL injection attacks, cross-site scripting, data manipulation in order to bypass authorization, and other attacks that work because of missing pieces of code Shows developers how to change their mindset from Web site construction to Web site destruction in order to find dangerous code

Widely considered one of the best practical guides to programming, Steve McConnell's original CODE COMPLETE has been helping developers write better software for more than a decade. Now this classic book has been fully updated and revised with leading-edge practices—and hundreds of new code samples—illustrating the art and science of software construction. Capturing the body of knowledge available from research, academia, and everyday commercial practice, McConnell synthesizes the most effective techniques and must-know principles into clear, pragmatic guidance. No matter what your experience level, development environment, or project size, this book will inform and stimulate your thinking—and help you build the highest quality code. Discover the timeless techniques and strategies that help you: Design for minimum complexity and maximum creativity Reap the benefits of collaborative development Apply defensive programming techniques to reduce and flush out errors Exploit opportunities to refactor—or evolve—code, and do it safely Use construction practices that are right-weight for your project Debug problems quickly and effectively Resolve critical construction issues early and correctly Build quality into the beginning, middle, and end of your project

A comprehensive collection of problems, solutions, and practical examples for anyone programming in Java, "The Java Cookbook" presents hundreds of tried-and-true Java "recipes" covering all of the major APIs as well as some APIs that aren't as well documented in other Java books. The book provides quick solutions to particular problems that can be incorporated into other programs, but that aren't usually programs in and of themselves.

JavaTech is a practical introduction to the Java programming language with an emphasis on the features that benefit technical computing. After presenting the basics of object-oriented programming in Java, it examines introductory topics such as graphical interfaces and thread processes. It goes on to review network programming and develops Web client-server examples for tasks such as monitoring remote devices. The focus then shifts to distributed computing with RMI. Finally, it examines how Java programs can access the local platform and interact with hardware. Topics include combining native code with Java, communication via serial lines, and programming embedded processors. An extensive web site supports the book with additional instructional materials. JavaTech demonstrates the ease with which Java can be used to create powerful network applications and distributed computing applications. It will be used as a textbook for programming courses, and by researchers who need to learn Java for a particular task.

Java: A Beginner's Tutorial (4th Edition)

Think Java

Modern Java in Action

Java: A Beginner's Guide, Sixth Edition

Altova® XMLSpy® 2013 User & Reference Manual

Unearthing the Excellence in Java

Making Music with Java is an introduction to music making through software development in the Java programming language using the jMusic library. It explains musical and programming concepts in a coordinated way. The book is written for the musician who wishes to learn about Java programming and computer music concepts, and for the programmer who is interested in music and sound design with Java. It assumes little musical or programming experience and introduces topics and issues as they arise. Sections on computer music and programming are interlaced throughout, but kept separate enough so that those with experience in either area can skip ahead as required.

Export author Barker covers information key for proficiency with an OO programming language like Java, and shows how to really create reusable code and extensible applications.

This book is a collection of tutorial notes and sample codes written by the author while he was learning JVM GC (Garbage Collection) processes. Topics include Java Garbage Collectors, STW (Stop-The-World), Serial Collector, Parallel Collector, Concurrent Collector, G1 Collector, GC Algorithms, Generational GC, Regional GC, Heap Memory Management, Young/New Generation, Tenured/Old Generation, Object Reference, Eden Space, Survivor Spaces, Minor GC, Major GC, Full GC, Performance Tuning, Throughput/Latency Performance, Heap Footprint. Updated in 2022 (Version v1.11) with JVM 17. For latest updates and free sample chapters, visit <https://www.herongyang.com/Java-GC>. This book constitutes the refereed proceedings of the 14th International Conference on Fundamental Approaches to Software Engineering, FASE 2011, held in Saarbrücken, Germany, March 26—April 3, 2011, as part of ETAPS 2011, the European Joint Conferences on Theory and Practice of Software. The 29 revised full papers presented together with one full length invited talk were carefully reviewed and selected from 99 full paper submissions. The papers are organized in topical sections on verification, specification and modeling, reachability and model checking, model driven engineering, software development for QoS, testing: theory and new trends, testing in practice, code development and analysis, and empirical studies.

Java in a Nutshell

Pro Java 6 3D Game Development

Beginning Java Objects

Core Java

On Java 8

The Sun Certified Java Developer Exam with J2SE 1.4

It JAVA programming books for beginners with easy programs with simple explanations. It is very useful to a who wants to become Programmer in JAVA.