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KLINE DANIEL

Python Concurrency with Asyncio Blue Rose Publishers
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.

Operating System (A Practical App) Technical Publications
This title serves as an introduction and reference for the field, with the papers that have shaped the hardware/software co-design since its inception in the early 90s.

Java: A Beginner's Guide, Sixth Edition Packt Publishing Ltd
PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

Parallel and Concurrent Programming in Haskell Simon and Schuster

The Linux Programming Interface (LPI) is the definitive guide to the Linux and UNIX programming interface—the interface employed by nearly every application that runs on a Linux or UNIX system. In this authoritative work, Linux programming expert Michael Kerrisk provides detailed descriptions of the system calls and library functions that you need in order to master the craft of system programming, and accompanies his explanations with clear, complete example programs. You'll find descriptions of over 500 system calls and library functions, and more than 200 example programs, 88 tables, and 115 diagrams. You'll learn how to: -Read and write files efficiently -Use signals, clocks, and timers -Create processes and execute programs -Write secure programs -Write multithreaded programs using POSIX threads -Build and use shared libraries -Perform interprocess communication using pipes, message queues, shared memory, and semaphores -Write network applications with the sockets API While The Linux Programming Interface

covers a wealth of Linux-specific features, including epoll, inotify, and the /proc file system, its emphasis on UNIX standards (POSIX.1-2001/SUSv3 and POSIX.1-2008/SUSv4) makes it equally valuable to programmers working on other UNIX platforms. The Linux Programming Interface is the most comprehensive single-volume work on the Linux and UNIX programming interface, and a book that's destined to become a new classic.

Mobile Computing EduGorilla Community Pvt. Ltd.

This is a single-volume book on 'electrical machines' that teaches the subject precisely and yet with amazing clarity. The extent has been kept in control so that the entire subject can be covered by students within the limited time of the semesters. Thus, they will not have to consult multiple books anymore. The discussions of concepts include the modern trends used in industry, like efficient transformers, efficient induction motors, DC drives, and the problems related to them. A special feature of this book is its presentation. Important statements have been set in bold type. Key equations have been given in separate boxes so that they can be spotted easily at the time of revising. Key Features • Tools like 'Remember!', and 'In a Nutshell' aimed at focusing attention on important related points • 'Key Points to Remember' at the end of each chapter to facilitate recapitulation of text in fast mode • Appendix at the end of the book to provide additional useful information on machines • More than 250 focused solved examples • More than 300 numerical questions • More than 400 descriptive questions

Java Threads "O'Reilly Media, Inc."

With threads programming, multiple tasks run concurrently within the same program. They can share a single CPU as processes do or take advantage of multiple CPUs when available. They provide a clean way to divide the tasks of a program while sharing data.

Introduction To Computers And C Programming Packt Publishing Ltd

By using this innovative text, students will obtain an understanding of how contemporary operating systems and middleware work, and why they work that way.

Java Programming: A Comprehensive Beginner's Guide Pearson Education

* Established and high-selling .NET expert/author, with large fan following. * Broad and deep coverage, with full "look forward" to advanced programming methods available in .NET 2005. * Completely up-to-date with the latest iteration of the framework.

Hands-On Parallel Programming with C# 8 and .NET Core 3 McGraw-Hill Education

Authored by Roberto Ierusalimsky, the chief architect of the language, this volume covers all aspects of Lua 5--from the basics to its API with C---explaining how to make good use of its features and giving numerous code examples. (Computer Books) *Object Oriented Programming* John Wiley & Sons

Enhance your enterprise application development skills by mastering parallel programming techniques in .NET and C# Key Features Write efficient, fine-grained, and scalable parallel code with C# and .NET Core Experience how parallel programming

works by building a powerful application. Learn the fundamentals of multithreading by working with IIS and Kestrel. **Book Description** In today's world, every CPU has a multi-core processor. However, unless your application has implemented parallel programming, it will fail to utilize the hardware's full processing capacity. This book will show you how to write modern software on the optimized and high-performing .NET Core 3 framework using C# 8. **Hands-On Parallel Programming with C# 8 and .NET Core 3** covers how to build multithreaded, concurrent, and optimized applications that harness the power of multi-core processors. Once you've understood the fundamentals of threading and concurrency, you'll gain insights into the data structure in .NET Core that supports parallelism. The book will then help you perform asynchronous programming in C# and diagnose and debug parallel code effectively. You'll also get to grips with the new Kestrel server and understand the difference between the IIS and Kestrel operating models. Finally, you'll learn best practices such as test-driven development, and run unit tests on your parallel code. By the end of the book, you'll have developed a deep understanding of the core concepts of concurrency and asynchrony to create responsive applications that are not CPU-intensive. What you will learn: Analyze and break down a problem statement for parallelism. Explore the APM and EAP patterns and how to move legacy code to TaskApply reduction techniques to get aggregated results. Create PLINQ queries and study the factors that impact their performance. Solve concurrency problems caused by producer-consumer race conditions. Discover the synchronization primitives available in .NET Core. Understand how the threading model works with IIS and Kestrel. Find out how you can make the most of server resources. Who this book is for: If you want to learn how task parallelism is used to build robust and scalable enterprise architecture, this book is for you. Whether you are a beginner to parallelism in C# or an experienced architect, you'll find this book useful to gain insights into the different threading models supported in .NET Standard and .NET Core. Prior knowledge of C# is required to understand the concepts covered in this book.

The Linux Programming Interface Morgan Kaufmann

"The book covers all basic concepts of mobile computing and communication and also deals with latest concepts like Bluetooth Security and Nokia Handhelds"--Resource description page.

Programming Concurrency on the JVM PHI Learning Pvt. Ltd. This comprehensive and accessible text discusses all the aspects of Core Java in a simple and easy to understand language. It begins with a discussion on the fundamentals of Java and then goes on to give a description of the various operators provided by Java, different ways of making decisions through branching, and the core concepts of Java, that is, classes, objects and their features. Besides, the text also explains the intricacies of one of the most important features of object-orientation, i.e. inheritance, packages and wrapper classes, arrays, strings, string-buffers, and multi-threaded programming and its intricacies. Finally, it elaborates on the classes and interfaces of lang, util and io packages. The book is intended for the undergraduate students of Engineering [B.Tech. (Computer Science)/B.Tech. (IT)], as well as for undergraduate and postgraduate students of Computer Applications (BCA/MCA), and Computer Science and Information Technology—B.Sc./M.Sc. (Computer Science/IT). Besides, professionals in the field will find the book quite useful. **KEY FEATURES :** Illustrates the topics discussed with the help of sample programs. Provides a large number of questions at the end of each chapter to test the reader's understanding of the concepts. Gives a comprehensive Glossary of the terms used in the text. Companion Website:

http://www.phindia.com/mahesh_matha/

(ISC)2 CISSP Certified Information Systems Security Professional Official Study Guide Prentice Hall

Learning a new programming language can be both challenging and rewarding, and Java, with its versatility and widespread use, is an excellent choice. Whether you are a beginner or have some programming experience, I believe you will find Java to be a powerful and enjoyable language to work with. As you dive into your Java learning journey, Java has a strong foundation in the principles of object-oriented programming (OOP). Take the time to understand the basics of classes, objects, inheritance, and polymorphism. These concepts form the backbone of Java programming and will empower you to create efficient and well-organized code.

Core Java : a Comprehensive Study PND Publishers

In **Programming VB .NET: A Guide for Experienced Programmers**, authors Gary Cornell and Jonathan Morrison carefully explain the exciting features of Visual Basic .NET. Since VB .NET is, for all practical purposes, a whole new language even for the most experienced Visual Basic programmers, developers need to think differently about many familiar topics. Cornell and Morrison are there to help you with careful discussions of each topic. Cornell and Morrison write from the point of view of the experienced programmer, with constant references to the changes from earlier versions of VB. Developers learn how to use VB .NET for database programming through ADO.NET and web programming through ASP.NET. After reading **Programming VB .NET: A Guide for Experienced Programmers**, developers will have a firm grasp of the exciting VB .NET language and its uses in creating powerful .NET applications.

Programming VB .NET Vikas Publishing House

It's easy to overload standard Python and watch your programs slow to a crawl. The asyncio library was built to solve these problems by making it easy to divide and schedule tasks. It seamlessly handles multiple operations concurrently, leading to apps that are lightning fast and scalable. "Python concurrency with asyncio" introduces asynchronous, parallel, and concurrent programming through hands-on Python examples. Hard-to-grok concurrency topics are broken down into simple flowcharts that make it easy to see how your tasks are running. You'll learn how to overcome the limitations of Python using asyncio to speed up slow web servers and microservices. You'll even combine asyncio with traditional multiprocessing techniques for huge improvements to performance.

PThreads Programming Apress

Here's the book you need to prepare for the challenging CISSP exam from (ISC)-2. This revised edition was developed to meet the exacting requirements of today's security certification candidates. In addition to the consistent and accessible instructional approach that earned Sybex the "Best Study Guide" designation in the 2003 CertCities Readers Choice Awards, this book provides: Clear and concise information on critical security technologies and topics. Practical examples and insights drawn from real-world experience. Leading-edge exam preparation software, including a testing engine and electronic flashcards for your Palm. You'll find authoritative coverage of key exam topics including: Access Control Systems & Methodology. Applications & Systems Development. Business Continuity Planning. Cryptography Law, Investigation & Ethics. Operations Security. Physical Security. Security Architecture & Models. Security Management Practices. Telecommunications, Network & Internet Security. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Object-Oriented Programming through Java Pragmatic Bookshelf

A step-by-step guide to Java development for beginners and

professionals

KEY FEATURES

- Gain a deep understanding of how various Java APIs work.
- Master modular programming with Java.
- Learn to use features such as lambda expressions, the Time API, and the Stream API.

DESCRIPTION 100+ Solutions in Java is a comprehensive and accessible guide to developing Java applications from version 8 to 19. Whether you are a beginner or a seasoned pro, this book will help you learn the latest Java features and best practices, one step at a time. The book covers a wide range of topics, from basic programming concepts to advanced topics like concurrency and design patterns. Each chapter has clear and concise explanations, helpful examples, and practical exercises. By the end of the book, you'll be able to develop sophisticated Java applications that are both efficient and reliable.

WHAT YOU WILL LEARN

- Explore the newly introduced features in Java 8 to 19.
- Gain a deep understanding of the Java Stream API.
- Master the art of working with Java regular expressions.
- Get a comprehensive overview of inheritance and interfaces in Java.
- Familiarize yourself with design patterns in Java.

WHO THIS BOOK IS FOR This book is for anyone who wants to learn Java programming, including Java developers, technical specialists, and beginners. Prior experience with programming languages such as C, C++, Python, or SQL databases will be helpful, but is not required.

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CISSP: Certified Information Systems Security

Professional Study Guide Cambridge University Press

Fully updated Sybex Study Guide for the industry-leading security certification: CISSP Security professionals consider the Certified Information Systems Security Professional (CISSP) to be the most desired certification to achieve. More than 200,000 have taken the exam, and there are more than 70,000 CISSPs worldwide. This highly respected guide is updated to cover changes made to the CISSP Body of Knowledge in 2012. It also provides additional advice on how to pass each section of the exam. With expanded coverage of key areas, it also includes a full-length, 250-question practice exam. Fully updated for the 2012 CISSP Body of Knowledge, the industry-leading standard for IT professionals Thoroughly covers exam topics, including access control, application development security, business continuity and disaster recovery planning, cryptography, operations security,

and physical (environmental) security Examines information security governance and risk management, legal regulations, investigations and compliance, and telecommunications and network security Features expanded coverage of biometrics, auditing and accountability, software security testing, and many more key topics

CISSP: Certified Information Systems Security Professional Study Guide, 6th Edition prepares you with both the knowledge and the confidence to pass the CISSP exam.

Programming with Java "O'Reilly Media, Inc."

This book covers the object oriented programming aspects using Java programming. It focuses on developing the applications both at basic and moderate level. In this book there are number of illustrative programming examples that help the students to understand the concepts. Starting from introduction to Java programming, handling of control statements, arrays, objects and classes, this book moves gradually towards Exception handling, Interfaces, Collection classes and concurrent programming with the help of Java threads. In addition, the book also covers JAVAFX basics, Event driven programming, Animations, creating GUI applications and multimedia using JAVAFX. Explanation of all the object oriented programming concepts is given in simple and expressive language. Also, the Java programs are followed by step by step explanation. This book explains the object oriented programming concepts in such a way that even if the reader having no Java programming background can develop the applications with ease.

[CISSP: Certified Information Systems Security Professional Study Guide](#) Springer Science & Business Media

Designed Strictly As Per The Syllabus Of U.P. Technical University, This Book Provides A Systematic Introduction To Computer Hardware And Software. After Explaining The Historical Development Of Computer Technology Through Different Generations, The Book Describes The Basic Hardware Components. Peripheral Devices Are Explained Next Followed By A Detailed Introduction To Operating Systems Including Dos, Unix And Windows. Various Features Of The Internet Are Then Described Including Internet Mail Tools Like Pine And Elm And Editors Like Edit And Vi. The Basic And Advanced Features Of C Programming Are Then Explained With Suitable Examples. Examples And Problems Are Included In Various Chapters. The Book Concludes With An Introduction To Recent Developments Like Object Oriented Programming, Java, Ub Script, Wireless Application Protocol (Wap), Hyper Text Markup Language (Html) And Xml. A Question Bank At The End Of The Book Would Be Extremely Useful In Enabling The Student To Test His Understanding Of Computer Technology.