

Herb Schildts C Programming Cookbook

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C++ Primer Plus - Stephen Prata 2011-10-18

C++ Primer Plus, Sixth Edition New C++11 Coverage C++ Primer Plus is a carefully crafted, complete tutorial on one of the most significant and widely used programming languages today. An accessible and easy-to-use self-study guide, this book is appropriate for both serious students of programming as well as developers already proficient in other languages. The sixth edition of C++ Primer Plus has been updated and expanded to cover the latest developments in C++, including a detailed look at the new C++11 standard. Author and educator Stephen Prata has created an introduction to C++ that is instructive, clear, and insightful. Fundamental programming concepts are explained along with details of the C++ language. Many short, practical examples illustrate just one or two concepts at a time, encouraging readers to master new topics by immediately

putting them to use. Review questions and programming exercises at the end of each chapter help readers zero in on the most critical information and digest the most difficult concepts. In C++ Primer Plus, you'll find depth, breadth, and a variety of teaching techniques and tools to enhance your learning: A new detailed chapter on the changes and additional capabilities introduced in the C++11 standard Complete, integrated discussion of both basic C language and additional C++ features Clear guidance about when and why to use a feature Hands-on learning with concise and simple examples that develop your understanding a concept or two at a time Hundreds of practical sample programs Review questions and programming exercises at the end of each chapter to test your understanding Coverage of generic C++ gives you the greatest possible flexibility Teaches the ISO standard, including discussions of templates, the Standard

Template Library, the string class, exceptions, RTTI, and namespaces
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Java 2: The Complete Reference, Fifth Edition - Herbert Schildt
2002-09-03

This book is the most complete and up-to-date resource on Java from programming guru, Herb Schildt -- a must-have desk reference for every Java programmer.

Secrets of the Rock Star Programmers: Riding the IT Crest - Ed Burns
2008

With the rise of blogging, many of the worlds most talented programmers have become celebrities in the field of IT. This work offers a unique collection of revealing interviews with highly skilled programmers and centers on the themes of staying ahead of the curve and riding the crest of software development.

Tcl/Tk 8.5 Programming Cookbook - Bert Wheeler
2011-02-11

Over 100 great recipes to effectively learn Tcl/Tk 8.5.

C# 3.0 THE COMPLETE REFERENCE 3/E - Herbert Schildt

2008-12-09

The Most Comprehensive C# Resource Available With its support for Language-Integrated Query (LINQ), C# 3.0 has revolutionized C# programming, and bestselling author Herb Schildt has updated and expanded his classic programming reference to cover it. Using carefully crafted explanations, insider tips, and hundreds of examples, this book presents in-depth coverage of all aspects of C#, including its keywords, syntax, and core libraries. Of course, details on the new C# 3.0 features, such as LINQ, lambda expressions, implicitly typed variables, and anonymous types are included. Essential for every C# programmer, this comprehensive guide is written in the clear, crisp, uncompromising style that has made Herb the choice of millions worldwide. Whether you are a novice programmer or a seasoned pro, the answers to all of your C# questions can be found in this definitive resource. Coverage includes: Data types and operators Control statements Classes and objects Constructors, destructors, and methods Interfaces, arrays, enumerations, and structures Method and operator overloading Inheritance and virtual methods Reflection and runtime type ID Exception handling Delegates, properties, events, and indexers Attributes Multithreading Generics LINQ (Language-Integrated Query) Lambda expressions Anonymous types Extension methods Implicitly typed variables I/O, networking, and collections The preprocessor and much, much more

Java, A Beginner's Guide, 5th Edition - Herbert Schildt
2011-08-16

Essential Skills--Made Easy! Learn the fundamentals of Java programming in no time from bestselling programming author Herb Schildt. Fully updated to cover Java

Platform, Standard Edition 7 (Java SE 7), Java: A Beginner's Guide, Fifth Edition starts with the basics, such as how to compile and run a Java program, and then discusses the keywords, syntax, and constructs that form the core of the Java language. You'll also find coverage of some of Java's most advanced features, including multithreaded programming and generics. An introduction to Swing concludes the book. Get started programming in Java right away with help from this fast-paced 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 questions that test your understanding Annotated Syntax--Example code with commentary that describes the programming techniques being illustrated

Elementary Synchronous Programming - Ali S. Janfada 2019-06-04

Algorithms are the essence of programming. After their construction, they have to be translated to the codes of a specific programming language. There exists a maximum of ten basic algorithmic templates. This textbook aims to provide the reader with a more convenient and efficient method to create a program by translating algorithms, template by template with C++ and Java. This is the slogan of the book: You will be a professional programmer whenever you become a skilled algorithm designer. This book attempts to gradually strengthen the readers' ability to identify and analyze the mental commands which are issued and implemented in their brains for solving the problems in which mathematical computations are applied and try to design an algorithm

based on their understanding and analyses. It then seeks to encourage the readers to develop their skills in algorithm-writing for computational problems and synchronously teach them to translate the algorithms into C++ and Java codes using the least necessary keywords.

C# 3.0 - Herbert Schildt 2009

Allied Mathematics - K Thilagavathi 2012

Algebra | Partial Fractions | The Binomial Theorem | Exponential Theorem | The Logarithmic Series Theory Of Equations | Theory Of Equations | Reciprocal Equations | Newton-Rahson Method Matrices | Fundamental Concepts | Rank Of A Matrix | Linear Equations | Characteristic Roots And Vectors Finite Differences | Finite Differences | Interpolations: Newton'S Forward, Backward Interpolation | Lagrange'S Interpolation Trigonometry | Expansions | Hyperbolic Functions Differential Calculus | Successive Derivatives | Jacobians | Polar Curves Etc..

Beautiful Code - Greg Wilson 2007-06-26

How do the experts solve difficult problems in software development? In this unique and insightful book, leading computer scientists offer case studies that reveal how they found unusual, carefully designed solutions to high-profile projects. You will be able to look over the shoulder of major coding and design experts to see problems through their eyes. This is not simply another design patterns book, or another software engineering treatise on the right and wrong way to do things. The authors think aloud as they work through their project's architecture, the tradeoffs made in its construction, and when it was important to break rules. This book contains 33 chapters contributed by Brian Kernighan,

Karl Fogel, Jon Bentley, Tim Bray, Elliotte Rusty Harold, Michael Feathers, Alberto Savoia, Charles Petzold, Douglas Crockford, Henry S. Warren, Jr., Ashish Gulhati, Lincoln Stein, Jim Kent, Jack Dongarra and Piotr Luszczek, Adam Kolawa, Greg Kroah-Hartman, Diomidis Spinellis, Andrew Kuchling, Travis E. Oliphant, Ronald Mak, Rogerio Atem de Carvalho and Rafael Monnerat, Bryan Cantrill, Jeff Dean and Sanjay Ghemawat, Simon Peyton Jones, Kent Dybvig, William Otte and Douglas C. Schmidt, Andrew Patzer, Andreas Zeller, Yukihiro Matsumoto, Arun Mehta, TV Raman, Laura Wingerd and Christopher Seiwald, and Brian Hayes. Beautiful Code is an opportunity for master coders to tell their story. All author royalties will be donated to Amnesty International.

Herb Schildt's C++ Programming Cookbook - Herbert Schildt 2008-05-22

Your Ultimate "How-To" Guide to C++ Programming!
Legendary programming author Herb Schildt shares some of his favorite programming techniques in this high-powered C++ "cookbook." Organized for quick reference, each "recipe" shows how to accomplish a practical programming task. A recipe begins with a list of key ingredients (classes, functions, and headers) followed by step-by-step instructions that show how to assemble them into a complete solution. Detailed discussions explain the how and why behind each step, and a full code example puts the recipe into action. Each recipe ends with a list of options and alternatives that suggest ways to adapt the technique to fit a variety of situations. Whether you're a beginner or an experienced pro, you'll find recipes that are sure to satisfy your C++ programming appetite! Topics include: String Handling · Standard Template Library (STL) Containers · Algorithms · Function Objects · Binders · Negators · Adaptors · Iterators · I/O ·

Formatting Data Learn how to: Tokenize a null-terminated string Create a search and replace function for strings Implement subtraction for string objects Use the vector, deque, and list sequence containers Use the container adaptors stack, queue, and priority_queue Use the map, multimap, set, and multiset associative containers Reverse, rotate, and shuffle a sequence Create a function object Use binders, negators, and iterator adapters Read and write files Use stream iterators to handle file I/O Use exceptions to handle I/O errors Create custom inserters and extractors Format date, time, and numeric data Use facets and the localization library Overload the [], (), and -> operators Create an explicit constructor And much, much more

Code Complete - Steve McConnell 2004-06-09

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

Notes from a Swedish Kitchen - Margareta Schildt Landgren 2016-12-01

Swedish cuisine is delicious, varied and often unexpected, and in this delightful book Margareta Schildt Landgren shares wonderful stories from her own Swedish kitchen along with over 100 fabulous recipes. Here Margareta includes both traditional and modern recipes, from Gravalax with Herbs and Swedish Meatballs to St Lucia Buns and Elderflower Cordial. The mouth-watering recipes are interspersed with captivating narrative on Sweden's food traditions, the development of regional cuisine, the importance of seasonal eating and celebration foods. Margareta's text is illustrated beautifully with stunning recipe and location photography from Tine Guth Linse, as well as photographs from her own archive. This is essential reading for anyone with a passion for food or a love of Swedish culture.

Java: A Beginner's Guide, Eighth Edition - Herbert Schildt 2018-11-09

A practical introduction to Java programming—fully revised for long-term support release Java SE 11 Thoroughly updated for Java Platform Standard Edition 11, this hands-on resource shows, step by step, how to get started programming in Java from the very first chapter. Written by Java guru Herbert Schildt, the book starts with the basics, such as how to create, compile, and run a Java program. From there, you will learn

essential Java keywords, syntax, and commands. Java: A Beginner's Guide, Eighth Edition covers the basics and touches on advanced features, including multithreaded programming, generics, Lambda expressions, and Swing. Enumeration, modules, and interface methods are also clearly explained. This Oracle Press guide delivers the appropriate mix of theory and practical coding necessary to get you up and running developing Java applications in no time. •Clearly explains all of the new Java SE 11 features•Features self-tests, exercises, and downloadable code samples•Written by bestselling author and leading Java authority Herbert Schildt

Swing: A Beginner's Guide - Herbert Schildt 2006-09-29

From the world's bestselling programming author Using the practical pedagogy that has made his other Beginner's Guides so successful, Herb Schildt provides new Swing programmers with a completely integrated learning package. Perfect for the classroom or self-study, Swing: A Beginner's Guide delivers the appropriate mix of theory and practical coding. You will be programming as early as Chapter 1.

Java: The Complete Reference, Eleventh Edition - Herbert Schildt 2018-12-12

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. The Definitive Java Programming Guide Fully updated for Java SE 11, Java: The Complete Reference, Eleventh Edition explains how to develop, compile, debug, and run Java programs. Best-selling programming author Herb Schildt covers the entire Java language, including its syntax, keywords, and fundamental programming principles. You'll also find information on key portions of the Java API library,

such as I/O, the Collections Framework, the stream library, and the concurrency utilities. Swing, JavaBeans, and servlets are examined and numerous examples demonstrate Java in action. Of course, the very important module system is discussed in detail. This Oracle Press resource also offers an introduction to JShell, Java's interactive programming tool. Best of all, the book is written in the clear, crisp, uncompromising style that has made Schildt the choice of millions worldwide. Coverage includes:

- Data types, variables, arrays, and operators
- Control statements
- Classes, objects, and methods
- Method overloading and overriding
- Inheritance
- Local variable type inference
- Interfaces and packages
- Exception handling
- Multithreaded programming
- Enumerations, autoboxing, and annotations
- The I/O classes
- Generics
- Lambda expressions
- Modules
- String handling
- The Collections Framework
- Networking
- Event handling
- AWT
- Swing
- The Concurrent API
- The Stream API
- Regular expressions
- JavaBeans
- Servlets

Much, much more Code examples in the book are available for download at www.OraclePressBooks.com.

Turbo C/C++ - Herbert Schildt 1992-01

Covers commands, functions, and programming techniques for Turbo C, Turbo C++, and Borland C++, and includes sample applications and information on debugging, library functions, and Windows programming

Cybernetics in C++ - Avi Bhattacharyya 2022-09-01

C++ is a powerful, much sought after programming language, but can be daunting to work with, even for engineering professionals. Why is this book so useful? Have you ever wondered:- How do keywords like static and virtual change their meanings according to context?- What are the similarities and differences between

Pointers and References, Pointers and Arrays, Constructors and Copy Constructors, Nested and Local Inner Classes?- Why is Multiple Interface Inheritance seen to be beautiful but Multiple Implementation Inheritance considered evil?- When is Polymorphism Static or Dynamic, Bounded or Unbounded?Answers on these questions, and much more, are explained in this book, Cybernetics in C++. What makes this text so different and appealing in comparison to existing books on the market?- The Bulleted style, as opposed to Prose, produces results much faster, both in learning and reference- Rules of Thumb, and further expert Tips are given throughout in how to optimise your code- The Prospective Evils sections tell you what to avoid- The thorough coverage ensures you will be trained to expert level in each of Imperative, Procedural, Memory & Resource Management, Object Oriented and Generic ProgrammingCybernetics in C++ combines a theoretical overview and practical approach in one book, which should prove to be a useful reference for computer scientists, software programmers, engineers and students in this and related field.

Herb Schildt's C++ Programming Cookbook - Herbert Schildt 2008-04-28

Your Ultimate "How-To" Guide to C++ Programming! Legendary programming author Herb Schildt shares some of his favorite programming techniques in this high-powered C++ "cookbook." Organized for quick reference, each "recipe" shows how to accomplish a practical programming task. A recipe begins with a list of key ingredients (classes, functions, and headers) followed by step-by-step instructions that show how to assemble them into a complete solution. Detailed discussions explain the how and why behind each step, and a full code example puts

the recipe into action. Each recipe ends with a list of options and alternatives that suggest ways to adapt the technique to fit a variety of situations. Whether you're a beginner or an experienced pro, you'll find recipes that are sure to satisfy your C++ programming appetite! Topics include: String Handling • Standard Template Library (STL) Containers • Algorithms • Function Objects • Binders • Negators • Adaptors • Iterators • I/O • Formatting Data Learn how to: Tokenize a null-terminated string Create a search and replace function for strings Implement subtraction for string objects Use the vector, deque, and list sequence containers Use the container adaptors stack, queue, and priority_queue Use the map, multimap, set, and multiset associative containers Reverse, rotate, and shuffle a sequence Create a function object Use binders, negators, and iterator adaptors Read and write files Use stream iterators to handle file I/O Use exceptions to handle I/O errors Create custom inserters and extractors Format date, time, and numeric data Use facets and the localization library Overload the [], (), and -> operators Create an explicit constructor And much, much more

C# - Herbert Schildt 2002

The perfect book for programmers who are going to need a large language reference to refer to as they become familiar with C#. The book provides the functionality programmers need, and the context to implement C# into large projects.

Java: A Beginner's Guide, Sixth Edition - Herbert Schildt 2014-05-09

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.

Computational Technologies - Petr N. Vabishchevich 2014-12-11

In this book we describe the basic elements of present computational technologies that use the algorithmic languages C/C++. The emphasis is on GNU compilers and libraries, FOSS for the solution of computational mathematics problems and visualization of the obtained data. At the beginning, a brief introduction to C is given with emphasis on its easy use in scientific and engineering computations. We describe the basic elements of the language, such as variables, data types, executable statements, functions, arrays, pointers, dynamic memory and file management. After that, we present some observations on the C++ programming language. We discuss the issues of program compiling,

linking, and debugging. A quick guide to Eclipse is also presented in the book. The main features for editing, compiling, debugging and application assembling are considered. As examples, we solve the standard problems of computational mathematics: operations with vectors and matrices, linear algebra problems, solution of nonlinear equations, numerical differentiation and integration, interpolation, initial value problems for ODEs and so on. Finally, basic features of computational technologies are illustrated with model problems. All programs are implemented in C/C++ with using the GSL library. Gnuplot is employed to visualize the results of computations.

Java: The Complete Reference, Ninth Edition (INKLING CH)
- Herbert Schildt 2014-04-08

The Definitive Java Programming Guide Fully updated for Java SE 8, Java: The Complete Reference, Ninth Edition explains how to develop, compile, debug, and run Java programs. Bestselling programming author Herb Schildt covers the entire Java language, including its syntax, keywords, and fundamental programming principles, as well as significant portions of the Java API library. JavaBeans, servlets, applets, and Swing are examined and real-world examples demonstrate Java in action. New Java SE 8 features such as lambda expressions, the stream library, and the default interface method are discussed in detail. This Oracle Press resource also offers a solid introduction to JavaFX. Coverage includes: Data types, variables, arrays, and operators Control statements Classes, objects, and methods Method overloading and overriding Inheritance Interfaces and packages Exception handling Multithreaded programming Enumerations, autoboxing, and annotations The I/O classes Generics Lambda expressions String handling The Collections Framework Networking Event handling AWT and

Swing The Concurrent API The Stream API Regular expressions JavaFX JavaBeans Applets and servlets Much, much more

C# 3.0: A Beginner's Guide - Herbert Schildt 2008-07-31
Essential Skills--Made Easy! Let master programmer and bestselling author Herb Schildt teach you the fundamentals of C#, Microsoft's premier programming language for the .NET Framework. You'll begin by learning to create, compile, and run a C# program. Then it's on to data types, operators, control statements, methods, classes, and objects. You'll also learn about inheritance, interfaces, properties, indexers, exceptions, events, namespaces, generics, and much more. Of course, new C# 3.0 features, such as LINQ, lambda expressions, and anonymous types, are included. Start programming in C# 3.0 today with help from this fast-paced, hands-on tutorial. Designed for Easy Learning: Key Skills & Concepts--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 how to apply your skills Notes--Extra information related to the topic being covered Self-Tests--Chapter-ending quizzes to test your knowledge Annotated Syntax--Example code with commentary that describes the programming techniques being illustrated

C++ Nuts & Bolts - Herbert Schildt 1995
Straightforward and concise, C++ Nuts and Bolts is the ideal way for readers to get up and running with C++. Schildt provides everything programmers need to know to start programming in C++ quickly and effectively, without unnecessary tutorials or remedial information. Includes "Fast Track Tips" and "How To" boxes that help the reader immediately apply the material.

Herb Schildt's Java Programming Cookbook - Herbert Schildt 2007-11-26

Your Ultimate "How-To" Guide to Java Programming!

Legendary programming author Herb Schildt shares some of his favorite programming techniques in this high-powered Java "cookbook." Organized for quick reference, each recipe shows how to accomplish a practical programming task. A recipe begins with a list of key ingredients (the classes, methods, and interfaces) followed by step-by-step instructions that show how to assemble them into a complete solution. Detailed discussions explain the how and why behind each step, and a full code example puts the recipe into action. Each recipe ends with a list of options and alternatives that suggest ways to adapt the technique to fit a variety of situations.

Whether you're a beginner or an experienced pro, you'll find recipes that are sure to satisfy your Java programming appetite! Topics include: String Handling Regular Expressions File Handling Applets Servlets Swing The Collections Framework Multithreading Formatting Data Learn how to: Find substrings that match a regular expression Use regular expressions to tokenize a string Compress and decompress data files Create a ZIP file Format time and date Use printf() to display formatted data Reverse, rotate, and shuffle a list Use a Comparator with a collection Create a simple Swing application Create a Swing-based applet Create a simple servlet Use a cookie with a servlet Synchronize threads Monitor a thread's state Set and obtain a thread's priority Use JScrollPane to automate scrolling Access a resource using HttpURLConnection Schedule a task for future execution Use reflection to dynamically create an object and call methods Much, much more

C++ from the Ground Up - Herbert Schildt 1998

Beginning through advanced topics and techniques are covered in this reference. The book teaches how to program C++ by presenting examples of source code and showing the results that such code produces. Readers are encouraged to experiment with the code to gain firsthand experience.

Java The Complete Reference, 8th Edition - Herbert Schildt 2011-06-22

The Definitive Java Programming Guide In Java: The Complete Reference, Eighth Edition, bestselling programming author Herb Schildt shows you everything you need to develop, compile, debug, and run Java programs. Updated for Java Platform, Standard Edition 7 (Java SE 7), this comprehensive volume covers the entire Java language, including its syntax, keywords, and fundamental programming principles. You'll also find information on key elements of the Java API library. JavaBeans, servlets, applets, and Swing are examined and real-world examples demonstrate Java in action. In addition, new Java SE 7 features such as try-with-resources, strings in switch, type inference with the diamond operator, NIO.2, and the Fork/Join Framework are discussed in detail. Coverage includes: Data types and operators Control statements Classes and objects Constructors and methods Method overloading and overriding Interfaces and packages Inheritance Exception handling Generics Autoboxing Enumerations Annotations The try-with-resources statement Varargs Multithreading The I/O classes Networking The Collections Framework Applets and servlets JavaBeans AWT and Swing The Concurrent API Much, much more

C++ Cookbook - D. Ryan Stephens 2006

"Solutions and examples for C++ programmers"--Cover.

Indian National Bibliography - B. S. Kesavan 2009

The Hacker's Dictionary - Eric S. Raymond 2017-06-19

This document is a collection of slang terms used by various subcultures of computer hackers. Though some technical material is included for background and flavor, it is not a technical dictionary; what we describe here is the language hackers use among themselves for fun, social communication, and technical debate.

C# 4.0 The Complete Reference - Herbert Schildt
2010-04-23

The Definitive Guide to C# "From using LINQ to covariance and from string formatting to optional arguments, Herb's update covers all you need to know about using real-world C# 4.0." -Michael Howard, Microsoft Corporation Bestselling author Herb Schildt has updated and expanded his classic programming reference to cover C# 4.0--the latest release of this powerful, feature-rich language. Using carefully crafted explanations, insider tips, and hundreds of examples, C# 4.0: The Complete Reference offers in-depth details on all aspects of C#, including keywords, syntax, and core libraries. New C# 4.0 features, such as named and optional arguments, the dynamic type, expanded covariance and contravariance capabilities, and support for parallel programming with the Task Parallel Library (TPL) and PLINQ are also discussed. Perfect for beginners and professional C# programmers alike, this expert resource is written in the clear, crisp, uncompromising style that has made Herb the choice of millions worldwide. Begin mastering C# 4.0 today with help from this authoritative volume! Coverage includes: Data types and operators Control statements Classes and objects Constructors, destructors, and methods Interfaces, arrays, enumerations, and structures Method

and operator overloading Inheritance and virtual methods Reflection and runtime type ID Exception handling Delegates, properties, events, and indexers Attributes Multithreading and the Task Parallel Library Generics LINQ and PLINQ Lambda expressions Anonymous types Extension methods Named and optional arguments Implicitly typed variables I/O, networking, and collections The preprocessor and much, much more
The Art of C++ - Herbert Schildt 2004

The author of this text applies C++ to a wide variety of high-powered; practical applications; each focusing on a different aspect of the language. Examples range from a garbage collector subsystem and a thread control panel to AI-based searches and more. --

Managing Project Risks - Peter J. Edwards 2019-08-13

A comprehensive overview of project risk management, providing guidance on implementing and improving project risk management systems in organizations This book provides a comprehensive overview of project risk management. Besides offering an easy-to-follow, yet systematic approach to project risk management, it also introduces topics which have an important bearing on how risks are managed but which are generally not found in other books, including risk knowledge management, cultural risk-shaping, project complexity, political risks, and strategic risk management. Many new concepts about risk management are introduced. Diagrams and tables, together with project examples and case studies, illustrate the authors' precepts and ideas. Each chapter in *Managing Project Risks* begins with an introduction to its topic and ends with a summary. The book starts by providing an understanding and overview of risk and continues with coverage of projects and project stakeholders. Ensuing chapters look at project risk

management processes, contexts and risk drivers, identification, assessment and evaluation, response and treatment options, and risk monitoring and control. One chapter focuses entirely on risk knowledge management. Others explore the cultural shaping of risk, political risk in projects, computer applications, and more. The book finishes by examining the current state and potential future of project risk management. In essence, this book: Effectively communicates a conceptual and philosophical understanding of risk Establishes the nature of projects and the stakeholders involved in them Presents a systematic and logically progressive approach to the processes of project risk management Demonstrates how to recognize the drivers of project risks and the factors which shape them Emphasizes the importance of capturing and exploiting project risk knowledge Provides guidance about implementing and building (or improving) project risk management systems in organizations Managing Project Risks will benefit practitioners and students of project management across a wide range of industries and professions.

The CERT Oracle Secure Coding Standard for Java - Fred Long 2012

"In the Java world, security is not viewed as an add-on a feature. It is a pervasive way of thinking. Those who forget to think in a secure mindset end up in trouble. But just because the facilities are there doesn't mean that security is assured automatically. A set of standard practices has evolved over the years. The Secure(R) Coding(R) Standard for Java(TM) is a compendium of these practices. These are not theoretical research papers or product marketing blurbs. This is all serious, mission-critical, battle-tested, enterprise-scale stuff." --James A. Gosling, Father of the Java

Programming Language An essential element of secure coding in the Java programming language is a well-documented and enforceable coding standard. Coding standards encourage programmers to follow a uniform set of rules determined by the requirements of the project and organization, rather than by the programmer's familiarity or preference. Once established, these standards can be used as a metric to evaluate source code (using manual or automated processes). The CERT(R) Oracle(R) Secure Coding Standard for Java(TM) provides rules designed to eliminate insecure coding practices that can lead to exploitable vulnerabilities. Application of the standard's guidelines will lead to higher-quality systems-robust systems that are more resistant to attack. Such guidelines are required for the wide range of products coded in Java-for devices such as PCs, game players, mobile phones, home appliances, and automotive electronics. After a high-level introduction to Java application security, seventeen consistently organized chapters detail specific rules for key areas of Java development. For each area, the authors present noncompliant examples and corresponding compliant solutions, show how to assess risk, and offer references for further information. Each rule is prioritized based on the severity of consequences, likelihood of introducing exploitable vulnerabilities, and cost of remediation. The standard provides secure coding rules for the Java SE 6 Platform including the Java programming language and libraries, and also addresses new features of the Java SE 7 Platform. It describes language behaviors left to the discretion of JVM and compiler implementers, guides developers in the proper use of Java's APIs and security architecture, and considers security concerns pertaining

to standard extension APIs (from the javax package hierarchy).The standard covers security issues applicable to these libraries: lang, util, Collections, Concurrency Utilities, Logging, Management, Reflection, Regular Expressions, Zip, I/O, JMX, JNI, Math, Serialization, and JAXP.

Web Developer's Cookbook - Robin Nixon 2012-04-23

300+ Ready-to-Use PHP, JavaScript, and CSS Solutions Web Developer's Cookbook contains more than 300 PHP, JavaScript, and CSS recipes you can use right away to create interactive Web content. All of the solutions are fully documented and their functionality clearly explained, along with customization tips. The recipes include HTML examples and screen shots showing exactly how to apply them in real-world situations. Methods for using HTML5 to make Web pages even more interactive and dynamic are also provided. Shorten development time and sharpen your programming skills with help from this practical guide. Filled with tested recipes for: PHP Text processing * Image handling * Content management * Forms and user input * Internet * Chat and messaging * MySQL, sessions, and cookies * APIs, RSS, and XML * Incorporating JavaScript JavaScript Core functionality * Location and dimensions * Visibility * Movement and animation * Chaining and interaction * Menus and navigation * Text effects * Audio and visual effects * Cookies, Ajax, and security * Forms and validation * Solutions to common problems CSS Manipulating objects * Text and typography * Menus and navigation * Page layout * Visual effects * Dynamic objects * Dynamic text and typography * Incorporating JavaScript * Superclasses

Java The Complete Reference, 8th Edition - Herbert Schildt 2011-02-07

The Definitive Java Programming Guide In Java: The

Complete Reference, Eighth Edition, bestselling programming author Herb Schildt shows you everything you need to develop, compile, debug, and run Java programs. Updated for Java Platform, Standard Edition 7 (Java SE 7), this comprehensive volume covers the entire Java language, including its syntax, keywords, and fundamental programming principles. You'll also find information on key elements of the Java API library. JavaBeans, servlets, applets, and Swing are examined and real-world examples demonstrate Java in action. In addition, new Java SE 7 features such as try-with-resources, strings in switch, type inference with the diamond operator, NIO.2, and the Fork/Join Framework are discussed in detail. Coverage includes: Data types and operators Control statements Classes and objects Constructors and methods Method overloading and overriding Interfaces and packages Inheritance Exception handling Generics Autoboxing Enumerations Annotations The try-with-resources statement Varargs Multithreading The I/O classes Networking The Collections Framework Applets and servlets JavaBeans AWT and Swing The Concurrent API Much, much more

Linux Commands, C, C++, Java and Python Exercises For Beginners - Manjunath.R 2020-03-27

"Hands-On Practice for Learning Linux and Programming Languages from Scratch" Are you new to Linux and programming? Do you want to learn Linux commands and programming languages like C, C++, Java, and Python but don't know where to start? Look no further! An approachable manual for new and experienced programmers that introduces the programming languages C, C++, Java, and Python. This book is for all programmers, whether you are a novice or an experienced pro. It is designed for an introductory course that provides beginning

engineering and computer science students with a solid foundation in the fundamental concepts of computer programming. In this comprehensive guide, you will learn the essential Linux commands that every beginner should know, as well as gain practical experience with programming exercises in C, C++, Java, and Python. It also offers valuable perspectives on important computing concepts through the development of programming and problem-solving skills using the languages C, C++, Java, and Python. The beginner will find its carefully paced exercises especially helpful. Of course, those who are already familiar with programming are likely to derive more benefits from this book. After reading this book you will find yourself at a moderate level of expertise in C, C++, Java and Python, from which you can take yourself to the next levels. The command-line interface is one of the nearly all well built trademarks of Linux. There exists an ocean of Linux commands, permitting you to do nearly everything you can be under the impression of doing on your Linux operating system. However, this, at the end of time, creates a problem: because of all of so copious commands accessible to manage, you don't comprehend where and at which point to fly and learn them, especially when you are a learner. If you are facing this problem, and are peering for a painless method to begin your command line journey in Linux, you've come to the right place-as in this book, we will launch you to a hold of well liked and helpful Linux commands. This book gives a thorough introduction to the C, C++, Java, and Python programming languages, covering everything from fundamentals to advanced concepts. It also includes various exercises that let you put what you learn to use in the real world. With step-by-step instructions and plenty of examples, you'll build your

knowledge and confidence in Linux and programming as you progress through the exercises. By the end of the book, you'll have a solid foundation in Linux commands and programming concepts, allowing you to take your skills to the next level. Whether you're a student, aspiring programmer, or curious hobbyist, this book is the perfect resource to start your journey into the exciting world of Linux and programming!

C++: A Beginner's Guide, Second Edition - Herbert Schildt 2003-12-01

Essential skills made easy! Written by Herb Schildt, the world's leading programming author, this step-by-step book is ideal for first-time programmers or those new to C++. The modular approach of this series, including sample projects and progress checks, makes it easy to learn to use C++ at your own pace.

C++ Crash Course - Josh Lospinoso 2019-09-24

A fast-paced, thorough introduction to modern C++ written for experienced programmers. After reading C++ Crash Course, you'll be proficient in the core language concepts, the C++ Standard Library, and the Boost Libraries. C++ is one of the most widely used languages for real-world software. In the hands of a knowledgeable programmer, C++ can produce small, efficient, and readable code that any programmer would be proud of. Designed for intermediate to advanced programmers, C++ Crash Course cuts through the weeds to get you straight to the core of C++17, the most modern revision of the ISO standard. Part 1 covers the core of the C++ language, where you'll learn about everything from types and functions, to the object life cycle and expressions. Part 2 introduces you to the C++ Standard Library and Boost Libraries, where you'll learn about all of the high-quality, fully-featured facilities available to

you. You'll cover special utility classes, data structures, and algorithms, and learn how to manipulate file systems and build high-performance programs that communicate over networks. You'll learn all the major features of modern C++, including:

- Fundamental types, reference types, and user-defined types
- The object lifecycle including storage duration, memory management, exceptions, call stacks, and the RAII paradigm
- Compile-time polymorphism with templates and run-time

- polymorphism with virtual classes
- Advanced expressions, statements, and functions
- Smart pointers, data structures, dates and times, numerics, and probability/statistics facilities
- Containers, iterators, strings, and algorithms
- Streams and files, concurrency, networking, and application development

With well over 500 code samples and nearly 100 exercises, C++ Crash Course is sure to help you build a strong C++ foundation.