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Windows® via C/C++ DB2 Developer's Guide The .NET Developer's Guide to Directory Services Programming Conceptual Modeling FPGA-Based Embedded System Developer's Guide The iOS 5 Developer's Cookbook Cooperative Internet Computing AWS Cloud Practitioner Exam Practice Questions and dumps with explanations Exam CLF-C01 Borland C++ Builder 6 Developer's Guide Developer's Guide to Web Application Security Microsoft Visual Basic 2010 Developer's Handbook SQL Anywhere Studio 9 Developer's Guide Proceedings of VIAC 2023 iOS 4 Developer's Cookbook, The: Core Concepts and Essential Recipes for iOS Programmers Cocoa Programming Developer's Handbook Wireless Communications Security Programming Microsoft Dynamics CRM 4.0 Visio 2002 Developer's Survival Pack Windows Internals System Engineering Analysis, Design, and Development Windows 7 Professional iPhone Programming with MonoTouch and .NET/C# Hunting Security Bugs C# Cookbook Apache Camel Developer's Cookbook Programming Microsoft ASP.NET 2.0 Core Reference ASP.NET Developer's JumpStart ARM System Developer's Guide Oracle PL/SQL Programming: A Developer's Workbook Linux Kernel Programming A Developer's Guide to the Semantic Web Application Development and Design: Concepts, Methodologies, Tools, and Applications Routledge Revivals: Planning Games (1985) InfoWorld Communicating Process Architectures 2004 Windows Developer's Journal Computerworld Hacker Disassembling Uncovered: Powerful Techniques To Safeguard Your Programming Turbo C Developer's Library

Windows® via C/C++ 2007-11-28

master the intricacies of application development with unmanaged c code straight from the experts jeffrey richter s classic book is now fully revised for windows xp windows vista and windows server 2008 you get in depth comprehensive guidance advanced techniques and extensive code samples to help you program windows based applications discover how to architect and implement your applications for both 32 bit and 64 bit windows create and manipulate processes and jobs schedule manage synchronize and destroy threads perform asynchronous and synchronous device i o operations with the i o completion port allocate memory using various techniques including virtual memory memory mapped files and heaps manipulate the default committed physical storage of thread stacks build dlls for delay loading api hooking and process injection using structured exception handling windows error recovery and application restart services

DB2 Developer's Guide 2012-05-01

db2 developer s guide is the field s 1 go to source for on the job information on programming and administering db2 on ibm z os mainframes now three time ibm information champion craig s mullins has thoroughly updated this classic for db2 v9 and v10 mullins fully covers new db2 innovations including temporal database support hashing universal tablespaces purexml performance security and governance improvements new data types and much more using current versions of db2 for z os readers will learn how to build better databases and applications for cics ims batch caf and rrsaf write proficient code optimized db2 sql implement efficient dynamic and static sql applications use binding and rebinding to optimize applications efficiently create administer and manage db2 databases and applications design build and populate efficient db2 database structures for online batch and data warehousing improve the performance of db2 subsystems databases utilities programs and sql stat db2 developer s guide sixth edition builds on the unique approach that has made previous editions so valuable it combines condensed easy to read coverage of all essential topics information otherwise scattered through dozens of documents detailed discussions of crucial details within each topic expert field tested implementation advice sensible examples

The .NET Developer's Guide to Directory Services Programming 2006-05-08

if you have any interest in writing net programs using active directory or adam this is the book you want to read joe richards microsoft mvp directory services identity and access management are rapidly gaining importance as key areas of practice in the it industry and directory services provide the fundamental building blocks that enable them for enterprise developers struggling to build directory enabled net applications the net developer s guide to directory services programming will come as a welcome aid microsoft mvps joe kaplan and ryan dunn have written a practical introduction to programming directory services using both versions 1 1 and 2 0 of the net framework the extensive examples in the book are in c a companion site includes both c and visual basic source code and examples readers will learn to create rename update and delete objects in active directory and adam learn to bind to and search directories effectively and efficiently learn to read and write attributes of all types in the directory learn to use directory services within asp net applications get concrete examples of common programming tasks such as managing active directory and adam users and groups and performing authentication experienced net developers those building

enterprise applications or simply interested in learning about directory services will find that the net developer s guide to directory services programming unravels the complexities and helps them to avoid the common pitfalls that developers face

Conceptual Modeling 2015-10-09

this book constitutes the refereed proceedings of the 34th international conference on conceptual modeling er 2015 held in stockholm sweden in october 2015 the 26 full and 19 short papers presented were carefully reviewed and selected from 131 submissions the papers are organized in topical sections on business process and goal models ontology based models and ontology patterns constraints normalization interoperability and integration collaborative modeling variability and uncertainty modeling modeling and visualization of user generated content schema discovery and evolution process and text mining domain based modeling data models and semantics and applications of conceptual modeling

FPGA-Based Embedded System Developer's Guide 2018-04-09

the book covers various aspects of vhdl programming and fpga interfacing with examples and sample codes giving an overview of vlsi technology digital circuits design with vhdl programming components functions and procedures and arithmetic designs followed by coverage of the core of external i o programming algorithmic state machine based system design and real world interfacing examples focus on real world applications and peripherals interfacing for different applications like data acquisition control communication display computing instrumentation digital signal processing and top module design aims to be a quick reference guide to design digital architecture in the fpga and develop system with rtc data transmission protocols

The iOS 5 Developer's Cookbook 2012-01-13

this is the updated and corrected edition of the ios 5 developer s cookbook the ios 5 developer s cookbook third edition covers ios 5 xcode 4 2 objective c 2 0 s arc llvm and more in this book bestselling author and ios development guru erica sadun brings together all the information you need to quickly start building successful ios apps for iphone ipad and ipod touch sadun has thoroughly revised this book to focus on powerful new ios 5 features the latest version of objective c and the xcode 4 development tools the ios 5 developer s cookbook third edition is packed with ready made code solutions for the ios 5 development challenges you re most likely to face eliminating trial and error and helping you build reliable apps from the very beginning sadun teaches each new concept and technique through robust code that is easy to reuse and extend this isn t just cut and paste using her examples sadun fully explains both the how and why of effective ios 5 development sadun s tested recipes address virtually every major area of ios development from user interface design to view controllers gestures and touch to networking and security every chapter groups related tasks together so you can jump straight to your solution without having to identify the right class or framework first coverage includes mastering the ios 5 sdk objective c essentials and the ios development lifecycle designing and customizing interfaces with interface builder and objective c organizing apps with view controllers views and animations featuring the latest page view controllers and custom containers making the most of touch and gestures including custom gesture recognizers building and using controls from the ground up working with core image and core text implementing fully featured table view edits reordering and custom cells creating managed database stores then adding deleting

querying and displaying data alerting users with dialogs progress bars local and push notifications popovers and pings requesting and using feedback connecting to networks and services handling authentication and managing downloads deploying apps to devices testers and the app store

Cooperative Internet Computing 2008

the evolution and popularity of the internet and computing grid has brought the cooperative computing research discipline to the internet for which we coined the term cooperative internet computing cic this conference brings together new and different approaches to cic the book contains the revised version of the 12 best papers presented at the conference listed under four categories theories and protocols of cic technologies and architecture of cic collaborative information retrieval and cic applications this collection serves as a useful resource for those interested in the research and study of cic sample chapter s chapter 1 a time workflow model with temporal logic constraints and its verification 432 kb contents theories and protocols of cic a time workflow model with temporal logic constraints and its verification q yang et al a persistent conversation protocol supporting anonymity and security c wang et al technologies and architecture for collaboration an overlay multicast routing scheme for messaging among co servers s yang m shi on deployment of economy business models and grid technologies in grid portal gocportal k c li et al commercial economic business strategies and models for grid computing environments k c li et al collaborative information retrieval design and anatomy of a social filtering service m g noll c meinel evaluation of a rating inference approach to utilizing textual reviews for collaborative recommendation c w k leung et al clustering sitemaps for effective querying p ng v t y ng cic applications based collaborative development environment for an isa simulator h yanagisawa et al a shared infrastructure for cooperative sensing applications z liu et al upnp eventing with multicast support in home computing network c l hu et al a service based open systems architecture for achieving heterogeneity in synchronous collaborative editing systems j a preston s k prasad readership researchers keen in cooperative computing research

AWS Cloud Practioner Exam Practice Questions and dumps with explanations Exam CLF-C01 2003

the aws cloud practioner exam clf c01 is your entry point into the aws certification world although it s not a mandatory step it covers a broad range of topics including cloud concepts security technology and billing and pricing after passing this exam you ll have an understanding of the core value proposition of aws and cloud computing in general you ll understand the key features of aws and what they can offer the pricing structure of aws services and how they compare to traditional data centers and identify aws products that can help solve your business needs who is this exam for taking the exam would benefit a broad range of people in the tech industry this isn t limited to developers and architects business analysts product owners project managers etc everyone can benefit from the practioner exam the exam falls at the base of the aws certification tree and while it is not a prerequisite for taking some of the more advanced courses it is required although not if you have an associate certification already to take the specialist exams such as security big data advanced networking courses this aws cloud practioner exam clf c01 practice test of aws services has been advanced to test your knowledge before taking the official exam unlike other online simulation practice tests you get an ebook version easy to read remember these

questions you can simply rely on these 100 questions for successfully certifying this exam

Borland C++ Builder 6 Developer's Guide 2011-04-18

0672324806 is the definitive guide to the latest version of borlands powerful c builder provides complete coverage of c builder services development now a key component of c builder borland c builder remains best in class ide over the past 5 years for c solutions written by a team of top c builder experts with expertise in a variety of technical areas related to c application development c builder 6 developers guide is revised for the latest version of c builder the biggest update to c builder in years c builder is an ansi c ide the version 6 adds bizshape a tool to build services using xml soap net and biztalk from microsoft and sunone from sun microsystems other new components include websnap for application development datasnap for database development and clx which allows cross platform development for unix and linux the new netclx internet components allow development of cross platform applications with apache microsoft iis and netscape server applications c builder 6 developers guide continues as the definitive guide for borlands c builder providing a clear and concise reference for c developers c builder developers guide is a unique combination of over 35 c builder experts from around the globe this team brings hundreds of thousands of working hours in professional software development to the creation of this extensive work leading the team are jarrod hollingworth bob swart mark cashman and paul gustavson jarrod is running backslash backslash com au loping software applications for the internet and key business sectors and working as a software development consultant bob aka dr bob is an internationally recognized uk borland connections member and an independent technical author trainer and consultant using c builder kylix and delphi based in the netherlands mark cashman is an independent c developer in the u s paul gustavson lives in virginia and is a senior systems engineer for synetics inc a u s based company providing knowledge management systems engineering and enterprise management services

Developer's Guide to Web Application Security 2011-08-15

over 75 of network attacks are targeted at the web application layer this book provides explicit hacks tutorials penetration tests and step by step demonstrations for security professionals and application developers to defend their most vulnerable applications this book defines application security why it should be addressed earlier in the lifecycle in development and quality assurance and how it differs from other types of internet security additionally the book examines the procedures and technologies that are essential to developing penetration testing and releasing a secure application through a review of recent application breaches the book will expose the prolific methods hackers use to execute attacks using common vulnerabilities such as sql injection cross site scripting and buffer overflows in the application layer by taking an in depth look at the techniques hackers use to exploit applications readers will be better equipped to protect confidential the yankee group estimates the market for application security products and services will grow to 1.74 billion by 2007 from 140 million in 2002 author michael cross is a highly sought after speaker who regularly delivers application presentations at leading conferences including black hat technosecurity cansec west shmoo con information security rsa conferences and more

Microsoft Visual Basic 2010 Developer's Handbook 2004

your expert guide to building modern applications with visual basic 2010 take control of visual basic 2010 for everything from basic windows and web development to advanced multithreaded applications written by visual basic experts this handbook provides an in depth reference on language concepts and features as well as scenario based guidance for putting visual basic to work it s ideal whether you re creating new applications with visual basic 2010 or upgrading projects built with an earlier version of the language discover how to use visual basic 2010 for windows forms and windows presentation foundation projects build robust code using object oriented programming techniques such as classes and types work with events and delegates and add your own events to custom classes program arrays collections and other data structures in the microsoft net framework solve problems quickly and easily using my namespace in visual basic dive into microsoft linq including linq to xml and linq to entities tackle threading multitasking and multiprocessor development and debugging

SQL Anywhere Studio 9 Developer's Guide 2023-02-16

companion cd includes sql anywhere studio 9 developer edition for windows all the code from the examples and full bnf from the book in html format sql anywhere studio 9 developers guide describes in detail how to administer and program sql anywhere the leading relational database for mobile distributed and embedded applications this book focuses on the various tasks performed during the life cycle of a typical database such as creating tables and other schema objects and inserting selecting updating and deleting data additional topics include packaging sql code into procedures triggers and events distributing data across multiple databases using mobilink protecting the database from disaster and tuning for performance

Proceedings of VIAC 2023 2011

international academic conferences management economics and marketing teaching learning and e learning transport logistics tourism and sport science engineering robotics it and nanotechnology

iOS 4 Developer's Cookbook, The: Core Concepts and Essential Recipes for iOS Programmers 2009-12-29

want to get started building applications for iphone or ipad with apple s newest ios 4 development tools erica sadun s the ios 4 developer s cookbook brings together all the expert guidance and proven code you ll need completely updated through ios 4 3 it covers the tools xcode 4 and interface builder the language objective c 2 0 and all elements common to typical ios apps sadun presents single task recipes for common ios development tasks including designing and organizing effective user interfaces responding to users supporting gestures and multitouch working with images accessing local data with core data managing table views and connecting to the internet you get cut and paste convenience freely reuse any of her source code in your own applications and tweak as needed everything s fully documented to make it easy each chapter groups related tasks together so you can jump straight to your solution without having to identify the right class or framework first you ll find everything you need to jumpstart any ios 4 project and create high value apps fast

Cocoa Programming Developer's Handbook 2016-09-14

the cocoa programming environment apple s powerful set of clean object oriented apis is increasingly becoming the basis of almost all contemporary mac os x development with its long history of constant refinement and improvement cocoa has matured into a sophisticated programming environment that can make mac os x application development quick efficient and even fun yet for all its refined elegance and ease of use the staggering size of the cocoa family of apis and the vast magnitude of the official documentation can be intimidating to even seasoned programmers to help mac os x developers sort through and begin to put to practical use cocoa s vast array of tools and technologies cocoa programming developer s handbook provides a guided tour of the cocoa apis found on mac os x thoroughly discussing and showing in action cocoa s core frameworks and other vital components as well as calling attention to some of the more interesting but often overlooked parts of the apis and tools this book provides expert insight into a wide range of key topics from user interface design to network programming and performance tuning

Wireless Communications Security 2008-10-15

this book describes the current and most probable future wireless security solutions the focus is on the technical discussion of existing systems and new trends like internet of things iot it also discusses existing and potential security threats presents methods for protecting systems operators and end users describes security systems attack types and the new dangers in the ever evolving internet the book functions as a practical guide describing the evolvement of the wireless environment and how to ensure the fluent continuum of the new functionalities whilst minimizing the potential risks in network security

Programming Microsoft Dynamics CRM 4.0 2001

get answers to common questions about setting up the design environment and building custom solutions with microsoft dynamics crm delve into core architecture tools and techniques and learn how to exploit powerful customization features authored by industry leading experts this book shows how to deliver intelligent crm solutions that meet the unique challenges and requirements of your business discover how to set up the development environment enhance the product s apis with your own code execute business logic using plug ins build custom workflows that extend native workflow functions create user friendly integration with scripts and application extensions code custom pages optimized for microsoft outlook with offline access extend microsoft dynamics crm using asp net create advanced windows workflow foundation solutions extend multilingual and multicurrency features construct a custom security access solution get code samples on the

Visio 2002 Developer's Survival Pack 2017-05-05

overview developers seeing opportunities to leverage microsoft visio s programmable diagramming environment need to be able to design and build their applications quickly and sure footedly achieving business serving results in a business compatible timeframe to that end this book and set of tools is organized around the premise that developers will have the following interests and needs visio structure an organized and comprehensive presentation of visio s document and user interface object models

including the all important shapsheet browsable reference material there s lots of info in visio s developer help but it will take you forever to digest enough of it to get the big picture to greatly accelerate the process this book includes a browsable reference section objects properties methods and shapsheet cells and functions tabulated in an order which brings related items together you ll still use help but with this book you can rapidly skim over and locate features of interest to your task at hand visio behavior the power beneath the surface work with it not against it investigation of numerous key areas of visio behavior at a level which uncovers many subtleties not evident from simply using the product solution architectures for adding functionality to visio several alternative forms are possible read why vsl addons are still the preferred form for many kinds of application vsls have traditionally required c c delphi or some other language capable of working with automation and producing arbitrary dlls now using the vbvsl adapter component available with this book vsls can be built easily with visual basic the vbvsl foundation allows the book to use visual basic samples to illuminate many more topics of interest to visio based application builders several sample applications are supplied which you can copy and modify to get your own addons up and running quickly browsing tools the book gives you access to download a suite of browsing tools which you can use to instantly clarify exactly what s going with several of visio s more elaborate or arcane features such as eventlists uiobjects commandbars browse visio 2002 s new xml format files and so on this will vastly accelerate your learning process and goes a long way to keep your development efforts on track

Windows Internals 2015-11-16

the definitive guide fully updated for windows 10 and windows server 2016 delve inside windows architecture and internals and see how core components work behind the scenes led by a team of internals experts this classic guide has been fully updated for windows 10 and windows server 2016 whether you are a developer or an it professional you ll get critical insider perspectives on how windows operates and through hands on experiments you ll experience its internal behavior firsthand knowledge you can apply to improve application design debugging system performance and support this book will help you understand the window system architecture and its most important entities such as processes and threads examine how processes manage resources and threads scheduled for execution inside processes observe how windows manages virtual and physical memory dig into the windows i o system and see how device drivers work and integrate with the rest of the system go inside the windows security model to see how it manages access auditing and authorization and learn about the new mechanisms in windows 10 and server 2016

System Engineering Analysis, Design, and Development 2018-04-27

praise for the first edition this excellent text will be useful to everysystem engineer se regardless of the domain it covers allrelevant se material and does so in a very clear methodicalfashion the breadth and depth of the author s presentation ofse principles and practices is outstanding philip allen this textbook presents a comprehensive step by step guide tosystem engineering analysis design and development via anintegrated set of concepts principles practices andmethodologies the methods presented in this text apply to any typeof human system small medium and large organizational systemsand system development projects delivering engineered systems

your software is released discover how to identify high risk entry points and create test cases test clients and servers for malicious request response bugs use black box and white box approaches to help reveal security vulnerabilities uncover spoofing issues including identity and user interface spoofing detect bugs that can take advantage of your program s logic such as sql injection test for xml soap and services vulnerabilities recognize information disclosure and weak permissions issues identify where attackers can directly manipulate memory test with alternate data representations to uncover canonicalization issues expose com and activex repurposing attacks plus get code samples and debugging tools on the web

C# Cookbook 2013-12-26

even if you re familiar with c syntax knowing how to combine various language features is a critical skill when you re building applications this cookbook is packed full of recipes to help you solve issues for c programming tasks you re likely to encounter you ll learn tried and true techniques to help you achieve greater productivity and improve the quality of your code author and independent consultant joe mayo shares some of the most important practices you ll need to be successful as a c developer each section of this cookbook describes some useful facet of the c programming language these recipes the result of many years of experience are proven concepts for solving real world problems with c recipes in this book will help you set up your project manage object lifetime and establish patterns improve code quality through maintainability error prevention and correct syntax use linq to objects for in memory data manipulation and querying understand the differences between dynamic programming and reflection apply several async programming features you may not be aware of work with data using newer libraries and algorithms learn different ways to use new c features such as pattern matching and records

Apache Camel Developer's Cookbook 2006

this book is written in a cookbook style with short recipes showing developers how to effectively implement eip without breaking everything in the process it is concise and to the point and it helps developers get their data flowing between different components without the need to read through page upon page of theory while also enabling the reader to learn how to create exciting new projects camel enterprise integration cookbook is intended for developers who have some familiarity with apache camel and who want a quick lookup reference to practical proven tips on how to perform common tasks every recipe also includes a summary and reference pointers for more details that make it easy for you to get a deeper understanding of the apache camel capabilities that you will use day to day

Programming Microsoft ASP.NET 2.0 Core Reference 2002

build your expertise as you move beyond the basics and delve into the core topics of programming with asp net 2 0 useful to both experienced developers and those developing new skills this ultimate reference is packed with expert guidance hands on programming instruction and practical examples to help you advance your mastery of developing applications for the discover how to author rich visually consistent pages and manage layout with themes and master pages create personalized pages that persist user preferences retrieve modify and manage data with microsoft ado net configure the http pipeline to serve asp net 2 0 pages control program flow by tracing and handling exceptions design caching layers and learn state management techniques to optimize

application performance manage users with membership control registration and authentication capabilities build real world data access layers using common design patterns use custom collections with data source controls learn the internals of grid controls plus get code samples on the web

ASP.NET Developer's JumpStart 2004-05-10

the purpose of asp net jumpstart is to show readers the practical applications of net and asp net by illustrating how to build based applications using forms and services emphasis will be on good programming standards and practices the reader will be taken from an introduction of the vb net language to intermediate topics through a step by step approach which gives the reader the opportunity to try out the practices presented in each chapter

ARM System Developer's Guide 2000-05-01

over the last ten years the arm architecture has become one of the most pervasive architectures in the world with more than 2 billion arm based processors embedded in products ranging from cell phones to automotive braking systems a world wide community of arm developers in semiconductor and product design companies includes software developers system designers and hardware engineers to date no book has directly addressed their need to develop the system and software for an arm based system this text fills that gap this book provides a comprehensive description of the operation of the arm core from a developer s perspective with a clear emphasis on software it demonstrates not only how to write efficient arm software in c and assembly but also how to optimize code example code throughout the book can be integrated into commercial products or used as templates to enable quick creation of productive software the book covers both the arm and thumb instruction sets covers intel s xscale processors outlines distinctions among the versions of the arm architecture demonstrates how to implement dsp algorithms explains exception and interrupt handling describes the cache technologies that surround the arm cores as well as the most efficient memory management techniques a final chapter looks forward to the future of the arm architecture considering armv6 the latest change to the instruction set which has been designed to improve the dsp and media processing capabilities of the architecture no other book describes the arm core from a system and software perspective author team combines extensive arm software engineering experience with an in depth knowledge of arm developer needs practical executable code is fully explained in the book and available on the publisher s website includes a simple embedded operating system

Oracle PL/SQL Programming: A Developer's Workbook

2021-03-19

however excellent they are most computer books are inherently passive readers simply take in text without having any opportunity to react to it the oracle pl sql developer s workbook is a different kind of animal it s designed to engage you actively to get you solving programming problems immediately and to help you apply what you ve learned about pl sql and in the process deepen your knowledge of the language by tackling the exercises in this workbook you ll find yourself moving more rapidly along the learning curve to join the growing ranks of pl sql experts the oracle pl sql developer s workbook is a companion to steven feuerstein s bestselling oracle pl sql programming and his other pl sql books from o reilly it contains a carefully constructed set of

problems and solutions that will test your language skills and help you become a better developer both with pl sql and with other languages exercises are provided at three levels beginner intermediate and expert the workbook exercises cover all the major features of pl sql including those new to oracle8i e g java and web features autonomous transactions and bulk binds you ll find chapters on basic language elements variables naming loops conditional and sequential control exception handling and records data structures index by tables nested tables variables arrays varrays and object technology database interaction cursors dml and transaction management cursor variables and native dynamic sql program construction procedures functions blocks packages database triggers and calling pl sql functions in sql built in functionality the character date conversion numeric and miscellaneous functions and the dbms sql dbms pipe dbms output utl file and dbms job built in packages miscellaneous topics using java with pl sql external programs pl sql web development tuning pl sql and pl sql for dbas

Linux Kernel Programming 2011-01-03

learn how to write high quality kernel module code solve common linux kernel programming issues and understand the fundamentals of linux kernel internals key features discover how to write kernel code using the loadable kernel module framework explore industry grade techniques to perform efficient memory allocation and data synchronization within the kernel understand the essentials of key internals topics such as kernel architecture memory management cpu scheduling and kernel synchronization book descriptionlinux kernel programming is a comprehensive introduction for those new to linux kernel and module development this easy to follow guide will have you up and running with writing kernel code in next to no time this book uses the latest 5.4 long term support lts linux kernel which will be maintained from november 2019 through to december 2025 by working with the 5.4 lts kernel throughout the book you can be confident that your knowledge will continue to be valid for years to come you ll start the journey by learning how to build the kernel from the source next you ll write your first kernel module using the powerful loadable kernel module lkm framework the following chapters will cover key kernel internals topics including linux kernel architecture memory management and cpu scheduling during the course of this book you ll delve into the fairly complex topic of concurrency within the kernel understand the issues it can cause and learn how they can be addressed with various locking technologies mutexes spinlocks atomic and refcount operators you ll also benefit from more advanced material on cache effects a primer on lock free techniques within the kernel deadlock avoidance with lockdep and kernel lock debugging techniques by the end of this kernel book you ll have a detailed understanding of the fundamentals of writing linux kernel module code for real world projects and products what you will learn write high quality modular kernel code lkm framework for 5.x kernels configure and build a kernel from source explore the linux kernel architecture get to grips with key internals regarding memory management within the kernel understand and work with various dynamic kernel memory alloc dealloc apis discover key internals aspects regarding cpu scheduling within the kernel gain an understanding of kernel concurrency issues find out how to work with key kernel synchronization primitives who this book is for this book is for linux programmers beginning to find their way with linux kernel development if you re a linux kernel and driver developer looking to overcome frequent and common kernel development issues or understand kernel intervals you ll find plenty of useful information you ll need a solid foundation of linux cli and c programming before you can jump in

A Developer's Guide to the Semantic Web 2017-08-11

covering the theory technical components and applications of the semantic this book s unrivalled coverage includes the latest on w3c standards such as owl 2 and discusses new projects such as dbpedia it also shows how to put theory into practice

Application Development and Design: Concepts, Methodologies, Tools, and Applications 2017-07-05

advancements in technology have allowed for the creation of new tools and innovations that can improve different aspects of life these applications can be utilized across different technological platforms application development and design concepts methodologies tools and applications is a comprehensive reference source for the latest scholarly material on trends techniques and uses of various technology applications and examines the benefits and challenges of these computational developments highlighting a range of pertinent topics such as software design mobile applications and web applications this multi volume book is ideally designed for researchers academics engineers professionals students and practitioners interested in emerging technology applications

Routledge Revivals: Planning Games (1985) 1997-02-10

first published in 1985 this book presents seven games for use in the teaching and study of planning urban studies or land administration these simulations are all built on researched case studies and deal with a number of critical planning and developmental issues for each one the book provides full operational instructions and all gaming materials required the games in this volume cover a number of scenarios including the design of a mixed retail social and service centre in a new city new development in a run down inner city area rehabilitation or renewal of housing tourist development in the mediterranean and a new cross town motorway in a major north american city in addition sets of guidelines for those wishing to design and operate their own case study simulations are also included this book will be a valuable resource for students of town planning or urban development who are keen to gain hands on experience of using the professional skills they have acquired on their courses

InfoWorld 2004

infoworld is targeted to senior it professionals content is segmented into channels and topic centers infoworld also celebrates people companies and projects

Communicating Process Architectures 2004 1999

communicating process architecture cpa describes an approach to system development that is process oriented it makes no great distinction between hardware and software it has a major root in the theory of communicating sequential processes csp however the underlying theory is not limited to csp the importance of mobility of both channel and process within a network sees integration with ideas from the δ calculus other formalisms are also exploited such as bsp and mpi the focus is on sound methods for the engineering of significant concurrent systems including those that are distributed across the internet or within a single chip and or software scheduled on a single execution unit traditionally at cpa the emphasis has been on theory and practice

developing and applying tools based upon csp and related theories to build high integrity systems of significant size in particular interest focuses on achieving scalability and security against error the development of java c and c libraries to facilitate secure concurrent programming using mainstream languages has allowed cpa to continue and proliferate this work continues in support of the engineering of distributed applications recently there has been greater reference to theory and its more direct application to programming systems and languages in this volume the formal csp is very well presented the papers provide a healthy mixture of the academic and commercial software and hardware application and infrastructure which reflects the nature of the discipline

Windows Developer's Journal 1994-02-14

for more than 40 years computerworld has been the leading source of technology news and information for it influencers worldwide computerworld s award winning site computerworld com twice monthly publication focused conference series and custom research form the hub of the world s largest global it media network

Computerworld 2003

going beyond the issues of analyzing and optimizing programs as well as creating the means of protecting information this guide takes on the programming problem of once having found holes in a program how to go about disassembling it without its source code covered are the hacking methods used to analyze programs using a debugger and disassembler these methods include virtual functions local and global variables branching loops objects and their hierarchy and mathematical operators also covered are methods of fighting disassemblers self modifying code in operating systems and executing code in the stack advanced disassembler topics such as optimizing compilers and movable code are discussed as well

Hacker Disassembling Uncovered: Powerful Techniques To Safeguard Your Programming 1988

if you create programs you have been faced with the frustrations and perplexities of designing intelligent routines for developing professional software this book provides insight into these problems and a comprehensive set of sophisticated routines to enhance your abilities as a turbo c developer this guide presents over 120 routines and the library has been designed and written by developers and tested in commercial professional applications

Turbo C Developer's Library

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