

Cisco C90 Installation Guide

This book introduces recent theoretical developments concerning the dynamic behaviour of fracture. Readers learn how the recent development of molecular dynamics and other state-of-the-art methods can help to solve the important problem of fracture from the atomic level.

UNIX, UNIX LINUX & UNIX TCL/TK. Write software that makes the most effective use of the Linux system, including the kernel and core system libraries. The majority of both Unix and Linux code is still written at the system level, and this book helps you focus on everything above the kernel, where applications such as Apache, bash, cp, vim, Emacs, gcc, gdb, glibc, ls, mv, and X exist. Written primarily for engineers looking to program at the low level, this updated edition of Linux System Programming gives you an understanding of core internals that makes for better code, no matter where it appears in the stack. -- Provided by publisher.

Cisco Unified Contact Center Enterprise (UCCE) The complete guide to managing UCCE environments: tips, tricks, best practices, and lessons learned Cisco Unified Contact Center Enterprise (UCCE) integrates multiple components and can serve a wide spectrum of business requirements. In this book, Gary Ford, an experienced Cisco UCCE consultant brings together all the guidance you need to optimally configure and manage UCCE in any environment. The author shares in-depth insights covering both the enterprise and hosted versions of UCCE. He presents an administrator's view of how to perform key UCCE tasks and why they work as they do. He thoroughly addresses application configuration, agents, scripting, IVR, dial plans, UCM, error handling, reporting, metrics, and many other key topics. You'll find proven, standardized configuration examples that help eliminate errors and reduce downtime, step-by-step walkthroughs of several actual configurations, and thorough coverage of monitoring and troubleshooting UCCE systems. Cisco Unified Contact Center Enterprise (UCCE) is an indispensable resource to help you deploy and operate UCCE systems reliably and efficiently. · Understand the Cisco Unified Contact Center product portfolio and platform architecture · Choose the right single-site, multi-site, or clustered deployment model for your environment · Take a lifecycle services approach to UCCE deployment and application configuration—including preparation, planning, design, and implementation · Implement traditional, current-generation, and next-generation call routing · Master the latest best practices for call flow scripting · Understand UCCE's nodes and distributed processes and build a clean system startup sequence · Design, implement, and deliver unified CM/IP IVR solutions · Set up and efficiently manage UCCE databases · Make the most of UCCE's reporting tools · Create advanced applications with Data-Driven Routing · Effectively maintain any UCCE deployment, including older versions · Use a best-practice methodology for troubleshooting, and master valuable, little-known Cisco diagnostic tools This IP communications book is part of the Cisco Press® Networking Technology Series. IP communications titles from Cisco Press help networking professionals understand voice and IP telephony technologies, plan and design converged networks, and implement network solutions for increased productivity.

The study of the growth of early Christian intellectual life is of perennial interest to scholars. This volume advances discussion by exploring ways in which Christian writers in the second century did not so much draw on Hellenistic intellectual traditions and models, as they were inevitably embedded in those traditions. The volume contains papers from a seminar in Rome in 2016 that explored the nature and activity of the emergent Christian intellectual between the late first century and the early third century. The papers show that Hellenistic scholarly cultures were the milieu within which Christian modes of thinking developed. At the same time the essays show how Christian thinkers made use of the cultures of which they were part in distinctive ways, adapting existing traditions because of Christian beliefs and needs. The figures studied include Papias from the early part of the second-century, Tatian, Irenaeus, and Clement of Alexandria from the later second century. One paper on Eusebius of Caesarea explores the Christian adaptation of Hellenistic scholarly methods of commentary. Christian figures are studied in the light of debates within Classics and Jewish studies.

On January 20, 1942, black oil mill worker Cleo Wright assaulted a white woman in her home and nearly killed the first police officer who tried to arrest him. An angry mob then hauled Wright out of jail and dragged him through the streets of Sikeston, Missouri, before burning him alive. Wright's death was, unfortunately, not unique in American history, but what his death meant in the larger context of life in the United States in the twentieth-century is an important and compelling story. After the lynching, the U.S. Justice Department was forced to become involved in civil rights concerns for the first time, provoking a national reaction to violence on the home front at a time when the country was battling for democracy in Europe. Dominic Capeci unravels the tragic story of Wright's life on several stages, showing how these acts of violence were indicative not only of racial tension but the clash of the traditional and the modern brought about by the war. Capeci draws from a wide range of archival sources and personal interviews with the participants and spectators to draw vivid portraits of Wright, his victims, law-enforcement officials, and members of the lynch mob. He places Wright in the larger context of southern racial violence and shows the significance of his death in local, state, and national history during the most important crisis of the twentieth-century.

A journal for the farm, the garden, and the fireside, devoted to improvement in agriculture, horticulture, and rural taste; to elevation in mental, moral, and social character, and the spread of useful knowledge and current news.

Today, Linux is included with nearly every embedded platform. Embedded developers can take a more modern route and spend more time tuning Linux and taking advantage of open source code to build more robust, feature-rich applications. While Gene Sally does not neglect porting Linux to new hardware, modern embedded hardware is more sophisticated than ever: most systems include the capabilities found on desktop systems. This book is written from the perspective of a user employing technologies and techniques typically reserved for desktop systems. Modern guide for developing embedded Linux systems Shows you how to work with existing Linux embedded system, while still teaching how to port Linux Explains best practices from somebody who has done it before

"I'm an enthusiastic supporter of the CERT Secure Coding Initiative. Programmers have lots of sources of advice on correctness, clarity, maintainability, performance, and even safety. Advice on how specific language features affect security has been missing. The CERT® C Secure Coding Standard fills this need." –Randy Meyers, Chairman of ANSI C "For years we have relied upon the CERT/CC to publish advisories documenting an endless stream of security problems. Now CERT has embodied the advice of leading technical experts to give programmers and managers the practical guidance needed to avoid those problems in new applications and to help secure legacy systems. Well done!" –Dr. Thomas Plum, founder of Plum Hall, Inc. "Connectivity has sharply increased the need for secure, hacker-safe applications. By combining this CERT standard with other safety guidelines, customers gain all-round protection and approach the goal of zero-defect software." –Chris Tapp, Field Applications Engineer, LDRA Ltd. "I've found this standard to be an indispensable collection of expert information on exactly how modern software systems fail in practice. It is the perfect place to start for establishing internal secure coding guidelines. You won't find this information elsewhere, and, when it comes to software security, what you don't know is often exactly what hurts you." –John McDonald, coauthor of The Art of Software Security Assessment Software security has major implications for the operations and assets of organizations, as well as for the welfare of individuals. To create secure software, developers must know where the dangers lie. Secure programming in C can be more difficult than even many experienced programmers believe. This book is an essential desktop reference documenting the first official release of The CERT® C Secure Coding Standard . The standard itemizes those coding errors that are the root causes of software vulnerabilities in C and prioritizes them by severity, likelihood of exploitation, and remediation costs. Each guideline provides examples of insecure code as well as secure, alternative implementations. If uniformly applied, these guidelines will eliminate the critical coding errors that lead to buffer overflows, format string vulnerabilities, integer overflow, and other common software vulnerabilities.

Some of the nation's estuaries, lakes and other water bodies contain contaminated sediments that can adversely affect fish and wildlife and may then find their way into people's diets. Dredging is one of the few options available for attempting to clean up contaminated sediments, but it can uncover and re-suspend buried contaminants, creating additional exposures for wildlife and people. At the request of Congress, EPA asked the National Research Council (NRC) to evaluate dredging as a cleanup technique. The book finds that, based on a review of available evidence, dredging's ability to decrease environmental and health risks is still an open question. Analysis of pre-dredging and post-dredging at about 20 sites found a wide range of outcomes in terms of surface sediment concentrations of contaminants: some sites showed increases, some no change, and some decreases in concentrations. Evaluating the potential long-term benefits of dredging will require that the U.S. Environmental Protection Agency step up monitoring activities before, during and after individual cleanups to determine whether it is working there and what combinations of techniques are most effective.

Addresses the urgent need to improve the training and clinical performance of physicians and allied health professionals who use ultrasound for diagnostic applications. Noting that the clinical benefits of this safe, effective, and highly flexible diagnostic tool depend on the training and skills of the user, the report responds to the problems created by the absence, in all but a few affluent countries, of properly developed programmes for training in ultrasonography. These problems, which include the expense of unnecessary examinations as well as the risk of misdiagnosis, are further compounded by the lack of regulation of equipment, its low cost, and recent technical innovations that have increased the difficulties of performing examinations and interpreting their results. With these problems in mind, the report sets out international guidelines, including recommended curriculum content, for training users to perform and interpret clinical examinations commonly required in different health care settings. While noting that nurses, physicians' assistants, and other health workers often perform examinations, the report recognizes that the interpretation of ultrasound images and diagnostic decision-making are everywhere the responsibility of physicians. Recommended minimum standards for training reflect the consensus reached by an international group of 15 experts. Several professional societies, including the World Federation for Ultrasound in Medicine and Biology, also contributed their considerable experience and advice. The report has six main sections. The first traces the rapid development of diagnostic ultrasound and explains why standards for ultrasonography training must be regarded as a prerequisite for the provision of high-quality diagnostic ultrasound services. Section two reviews recent trends in the utilization of diagnostic ultrasound in clinical practice, and examines the variety of practices, in a range of different countries, that govern the training of users. Against this background, section three presents recommended ultrasonography curricula judged appropriate for medical students, and for the general, advanced, and specialized training of physicians. General ultrasonography training for sonographers and other allied health professionals is covered in section four. The recommended content of curricula is expanded in section five, which describes the aspects of basic sciences and instrumentation that should be included in general and advanced training for physicians and allied health professionals. Section six discusses the level of competence that should be reached during training, and presents recommended standards for training programmes and the training process, including requirements for instructors and training centres. The report concludes with a summary of recommendations and conclusions, followed by a list, organized according to clinical specialty, of common applications of diagnostic ultrasound.

"The security of information systems has not improved at a rate consistent with the growth and sophistication of the attacks being made against them. To address this problem, we must improve the underlying strategies and techniques used to create our systems. Specifically, we must build security in from the start, rather than append it as an afterthought. That's the point of Secure Coding in C and C++. In careful detail, this book shows software developers how to build high-quality systems that are less vulnerable to costly and even catastrophic attack. It's a book that every developer should read before the start of any serious project." --Frank Abagnale, author, lecturer, and leading consultant on fraud prevention and secure documents Learn the Root Causes of Software Vulnerabilities and How to Avoid Them Commonly exploited software vulnerabilities are usually caused by avoidable software defects. Having analyzed nearly 18,000 vulnerability reports over the past ten years, the CERT/Coordination Center (CERT/CC) has determined that a relatively small number of root causes account for most of them. This book identifies and explains these causes and shows the steps that can be taken to prevent exploitation. Moreover, this book encourages programmers to adopt security best practices and develop a security mindset that can help protect software from tomorrow's attacks, not just today's. Drawing on the CERT/CC's reports and conclusions, Robert Seacord systematically identifies the program errors most likely to lead to security breaches, shows how they can be exploited, reviews the potential consequences, and presents secure alternatives. Coverage includes technical detail on how to Improve the overall security of any C/C++ application Thwart buffer overflows and stack-smashing attacks that exploit insecure string manipulation logic Avoid vulnerabilities and security flaws resulting from the incorrect use of dynamic memory management functions Eliminate integer-related problems: integer overflows, sign errors, and truncation errors Correctly use formatted output functions without introducing format-string vulnerabilities Avoid I/O vulnerabilities, including race conditions Secure Coding in C and C++ presents hundreds of examples of secure code, insecure code, and exploits, implemented for Windows and Linux. If you're responsible for creating secure C or C++ software--or for keeping it safe--no other book offers you this much detailed, expert assistance.

31 Days Before Your CompTIA® Network+ Certification Exam 31 Days Before Your CompTIA Network+ Certification Exam offers you a friendly, practical way to understand the Network+ certification process, commit to taking the Network+ N10-006 exam, and finish your preparation using a variety of Primary and Supplemental study resources. The fully updated Network+ N10-006 exam tests the knowledge and skills needed to configure, manage, and troubleshoot network devices; design basic networks; establish connectivity; identify problems; enforce security; and work with standards, protocols, and documentation. Sign up for the exam and use this book's day-by-day guide and checklist to organize, prepare, and review. Each day in this guide breaks down an exam topic into a manageable bit of information to review using short summaries. Daily Study Resources sections provide quick references for locating more in-depth treatment within Primary and Supplemental resources. · This book's features help you fit exam preparation into a busy schedule: · Visual tear-card calendar summarizing each day's study topic · Checklist for tracking your progress in mastering exam objectives · Description of the Network+ N10-006 exam organization and sign-up process · Strategies to prepare mentally, organizationally, and physically for exam day · Conversational tone to make study more enjoyable Primary Resources: CompTIA Network+ N10-006 Cert Guide ISBN: 978-0-7897-5408-0 CompTIA Network+ N10-006 Complete Video Course ISBN: 978-0-7897-5472-1 CompTIA Network+ N10-006 Exam Cram, Fifth Edition ISBN: 978-0-7897-5410-3 Supplemental Resources: CompTIA Network+ N10-006 Hands-on Lab Simulator ISBN: 978-0-7897-5517-9 CompTIA Network+ N10-006 Flash Cards and Exam Practice Pack ISBN: 978-0-7897-5464-6 To enhance your preparation, upgrade to the Digital Study Guide, a media-rich web edition that includes mobile-friendly ebook, videos, interactive exercises, and Check Your Understanding questions. See offer inside. A sample is available to preview at www.pearsonitcertification.com/title/9780134426358.

This unique book provides an up-to-date overview of the concepts behind lead-free soldering techniques. Readers will find a description of the physical and mechanical properties of lead-free solders, in addition to lead-free electronics and solder alloys. Additional topics covered include the reliability of lead-free soldering, tin whiskering and electromigration, in addition to emerging technologies and research.

Connectionist Speech Recognition: A Hybrid Approach describes the theory and implementation of a method to incorporate neural network approaches into state of the art continuous speech recognition systems based on hidden Markov models (HMMs) to improve their performance. In this framework, neural networks (and in particular, multilayer perceptrons or MLPs) have been

restricted to well-defined subtasks of the whole system, i.e. HMM emission probability estimation and feature extraction. The book describes a successful five-year international collaboration between the authors. The lessons learned form a case study that demonstrates how hybrid systems can be developed to combine neural networks with more traditional statistical approaches. The book illustrates both the advantages and limitations of neural networks in the framework of a statistical systems. Using standard databases and comparison with some conventional approaches, it is shown that MLP probability estimation can improve recognition performance. Other approaches are discussed, though there is no such unequivocal experimental result for these methods. Connectionist Speech Recognition is of use to anyone intending to use neural networks for speech recognition or within the framework provided by an existing successful statistical approach. This includes research and development groups working in the field of speech recognition, both with standard and neural network approaches, as well as other pattern recognition and/or neural network researchers. The book is also suitable as a text for advanced courses on neural networks or speech processing. This book constitutes the refereed proceedings of the 6th International Symposium on Search-Based Software Engineering, SSBSE 2014, held in Fortaleza, Brazil. The 14 revised full papers presented together with 2 keynote addresses, 1 invited talk, 1 short paper, 3 papers of the graduate track, and 4 challenge track papers were carefully reviewed and selected from 51 submissions. Search Based Software Engineering (SBSE) studies the application of meta-heuristic optimization techniques to various software engineering problems, ranging from requirements engineering to software testing and maintenance.

IBM® PowerVM® virtualization technology is a combination of hardware and software that supports and manages the virtual environments on POWER5-, POWER5+, IBM POWER6®, and IBM POWER7®-based systems. PowerVM is available on IBM Power Systems™, and IBM BladeCenter® servers as optional Editions, and is supported by the IBM AIX®, IBM i, and Linux operating systems. You can use this set of comprehensive systems technologies and services to aggregate and manage resources by using a consolidated, logical view. Deploying PowerVM virtualization and IBM Power Systems offers you the following benefits: Lower energy costs through server consolidation Reduced cost of your existing infrastructure Better management of the growth, complexity, and risk of your infrastructure This IBM Redbooks® publication is an extension of IBM PowerVM Virtualization Introduction and Configuration, SG24-7940. It provides an organized view of best practices for managing and monitoring your PowerVM environment concerning virtualized resources managed by the Virtual I/O Server.

This IBM® Redbooks® publication provides an introduction to PowerVMTM virtualization technologies on Power System servers. PowerVM is a combination of hardware, firmware, and software that provides CPU, network, and disk virtualization. These are the main virtualization technologies: POWER7, POWER6, and POWER5 hardware POWER Hypervisor Virtual I/O Server Though the PowerVM brand includes partitioning, management software, and other offerings, this publication focuses on the virtualization technologies that are part of the PowerVM Standard and Enterprise Editions. This publication is also designed to be an introduction guide for system administrators, providing instructions for these tasks: Configuration and creation of partitions and resources on the HMC Installation and configuration of the Virtual I/O Server Creation and installation of virtualized partitions Examples using AIX, IBM i, and Linux This edition has been updated with the latest updates available and an improved content organization.

&> Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. Master Cisco CCNA Collaboration CIVND 210-065 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks This is the eBook edition of the CCNA Collaboration CIVND 210-065 Official Cert Guide. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CCNA Collaboration CIVND 210-065 Official Cert Guide from Cisco Press enables you to succeed on the exam the first time and is the only self-study resource approved by Cisco. Expert Cisco Collaboration engineers Brian Morgan and Jason Ball share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete, official study package includes A test-preparation routine proven to help you pass the exam "Do I Know This Already?" quizzes, which enable you to decide how much time you need to spend on each section Chapter-ending exercises, which help you drill on key concepts you must know thoroughly The powerful Pearson IT Certification Practice Test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance reports A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies Study plan suggestions and templates to help you organize and optimize your study time Well regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, this official study guide helps you master the concepts and techniques that ensure your exam success. CCNA Collaboration CIVND 201-065 Official Cert Guide is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit www.cisco.com. The official study guide helps you master topics on the CCNA Collaboration CIVND 210-065 exam, including the following: Cisco Collaboration components and architecture Cisco Digital Media Suite, Digital Signs, Cisco Cast, and Show and Share Cisco video surveillance components and architectures Cisco IP Phones, desktop units, and Cisco Jabber Cisco TelePresence endpoint portfolio Cisco Edge Architecture including Expressway Multipoint, multisite, and multiway video conferencing features Cisco TelePresence MCU hardware and server family Cisco TelePresence management Cisco WebEx solutions

Authoritative, hands-on guidance for Skype Business administrators Mastering Skype for Business 2015 gives administrators the comprehensive coverage they need to effectively utilize Skype for Business. Fully up to date for the 2015 release, this guide walks you through industry best practices for planning, design, configuration, deployment, and management with clear instruction and plenty of hands-on exercises. Case studies illustrate the real-world benefits of Unified Communication, and provide expert experiences working with Skype for Business. From server roles, infrastructure, topology, and security to telephony, cloud deployment, and troubleshooting, this guide provides the answers you need and the insight that will make your job easier. Sample automation scripts help streamline your workflow, and full, detailed coverage helps you exploit every capability Skype for Business has to offer. Skype for Business enables more robust video conferencing, and integrates with Office, Exchange, and SharePoint for better on-premises and cloud operations. Organizations are turning to Skype for Business as a viable PBX replacement, and admins need to be up to speed and ready to go. This book provides the clear, explicit instructions you need to: Design, configure, and manage IM, voice mail, PBX, and VoIP Connect to Exchange and deploy Skype for Business in the cloud Manage UC clients and devices, remote access, federation, and public IM Automate management tasks, and implement cross-

team backup-and-restore The 2015 version is the first Skype to take advantage of the Windows 10 'touch first' capabilities to provide fast, natural, hands-on control of communications, and users are eager to run VoIP, HD video conferencing, collaboration, instant messaging, and other UC features on their mobile devices. Mastering Skype for Business 2015 helps you get Skype for Business up and running quickly, with hands-on guidance and expert insight.

Mass Spectrometry is an ideal textbook for students and professionals as well as newcomers to the field. Starting from the very first principles of gas-phase ion chemistry and isotopic properties, the textbook takes the reader through the design of mass analyzers and ionization methods all the way to mass spectral interpretation and coupling techniques. Step-by-step, the reader learns how mass spectrometry works and what it can do. The book comprises a balanced mixture of practice-oriented information and theoretical background. It features a clear layout and a wealth of high-quality figures. Exercises and solutions are located on the Springer Global Web.

More than 20 years after the ban of DDT and other organochlorine pesticides, pesticides continue to be detected in air, rain, soil, surface water, bed sediment, and aquatic and terrestrial biota throughout the world. Recent research suggests that low levels of some of these pesticides may have the potential to affect the development, reproduction,

A detailed introduction to the C programming language for experienced programmers. The world runs on code written in the C programming language, yet most schools begin the curriculum with Python or Java. Effective C bridges this gap and brings C into the modern era--covering the modern C17 Standard as well as potential C2x features. With the aid of this instant classic, you'll soon be writing professional, portable, and secure C programs to power robust systems and solve real-world problems. Robert C. Seacord introduces C and the C Standard Library while addressing best practices, common errors, and open debates in the C community. Developed together with other C Standards committee experts, Effective C will teach you how to debug, test, and analyze C programs. You'll benefit from Seacord's concise explanations of C language constructs and behaviors, and from his 40 years of coding experience. You'll learn:

- How to identify and handle undefined behavior in a C program
- The range and representations of integers and floating-point values
- How dynamic memory allocation works and how to use nonstandard functions
- How to use character encodings and types
- How to perform I/O with terminals and filesystems using C Standard streams and POSIX file descriptors
- How to understand the C compiler's translation phases and the role of the preprocessor
- How to test, debug, and analyze C programs

Effective C will teach you how to write professional, secure, and portable C code that will stand the test of time and help strengthen the foundation of the computing world.

This book constitutes the refereed proceedings of the 16th International Conference on Model Driven Engineering Languages and Systems, MODELS 2013, held in Miami, FL, USA, in September/October 2013. The 47 full papers presented in this volume were carefully reviewed and selected from a total of 180 submissions. They are organized in topical sections named: tool support; dependability; comprehensibility; testing; evolution; verification; product lines; semantics; domain-specific modeling languages; models@RT; design and architecture; model transformation; model analysis; and system synthesis.

Over the past decade, the author has met with directors of R&D departments in large industrial firms, who are frustrated by the lack of coherent and consistent methodologies in R&D projects. As a direct result the author was asked to design and present a seminar to provide R&D engineers and scientists a standard methodology for conducting coherent, rigorous, comprehensible, and consistent R&D projects. The author also realized that this training should be included in engineering and science curricula in universities and colleges. To this end, he designed and presented a pilot course for his department that was received enthusiastically by students who participated. This course has now become a required course for all doctoral students in the author's department. This book has been designed to provide professional engineers, scientists, and students with a consistent and practical framework for the rigorous conduct and communication of complex research and development projects. Although courses and training in research methods are common and generally required of social science professionals, a vast majority of physical scientists and engineers have had no formal classroom training or on-the-job mentoring on proper procedures for research methods. Getting It Right emphasizes the comprehensive analysis of project problems, requirements, and objectives; the use of standard and consistent terminology and procedures; the design of rigorous and reproducible experiments; the appropriate reduction and interpretation of project results; and the effective communication of project design, methods, results, and conclusions. Presents a standard methodology for conducting coherent, rigorous, comprehensible, and consistent R&D projects Thoroughly researched to appeal to the needs of R&D engineers and scientists in industry Will also appeal to students of engineering and science

Companies live or die on the basis of estimating their costs. Preparing estimates and bidding for new jobs is a complex and often costly process. There is no substitute for on the job training -- until now. Drawing on the authors' combined experience of more than 70 years, Estimating Building Costs presents state-of-the-art principles, practices, and techniques for assessing these expenditures that can be applied regardless of changes in the costs of materials, equipment, and labor. The book is an efficient and practical tool for developing contracts or controlling project costs. The authors cover the major components of the direct cost: estimating procedures and cost trends related to materials, construction equipment, and skilled and unskilled labor. They describe various types of building estimates encountered during the lifecycle of a project, as well as the role and accuracy of each. The book provides an overview of the industry, cost indexes in use, approaches to preparing a detailed estimate, and an in-depth description of the organization and function of the estimating group. Including CSI Master Format and UniFormat codes, estimating forms, a list of available estimating software packages, a detailed construction site and investigation report, the book provides a cost estimating methodology that readers can tailor to their own organizational needs.

From Ellen Datlow ("the venerable queen of horror anthologies" (New York Times) comes a new entry in the series that has brought you stories from Stephen King and Neil Gaiman comes thrilling stories, the best horror stories available. For more than three decades, Ellen Datlow has been at the center of horror. Bringing you the most frightening and terrifying stories, Datlow always has her finger on the pulse of what horror readers crave. Now, with the eleventh volume of the series, Datlow is back again to bring you the stories that will keep you up at night. Encompassed in the pages of The Best Horror of the Year have been such illustrious writers as: Neil Gaiman, Kim Newman, Stephen King, Linda Nagata, Laird Barron, Margo Lanagan, and many others. With each passing year, science, technology, and the march of time shine light into the craggy corners of the universe, making the fears of an earlier generation seem quaint. But this light creates its own shadows. The Best Horror of the Year chronicles these shifting shadows. It is a catalog of terror, fear, and unpleasantness as articulated by today's most challenging and exciting writers. This second edition provides the foundation learning for CCVP IP telephony concepts and provides all the critical information needed to configure the Cisco CallManager, which is the primary component of a Cisco IPT network, to support an enterprise-scale IPT network. It also prepares candidates for the CIPT certification exam 642-444, which applies to the CCVP certification. Rapid advances in networking technology have promoted a fully revised second edition of this successful introduction to communication networks.

The second edition of this successful text provides an ideal introduction for university students of English at the intermediate level. Students planning papers, dissertations or theses will find the book a particularly valuable guide. After introducing corpora and the rationale and basic methodology of corpus linguistics, the authors present a number of recent case studies providing new insights

into vocabulary, collocations, phraseology, metaphor and metonymy, syntactic structures, male and female language, and language change. A final chapter shows how the web and social media can be used as a source for linguistic investigations and contains information on how to compile your own corpus. Each chapter includes study questions, exercises and updated suggestions for further reading.

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