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INTRODUCTION TO COMPUTER GRAPHICS 2023

HTML5 Step by Step Faithe Wempen 2011-01-26 Experience learning made easy—and quickly teach yourself how to create Web pages with the HTML5 specification. With Step by Step, you set the pace—building and practicing the skills you need, just when you need them! Use a division-based layout to structure your Web pages Include menu bars and hyperlinks for clear navigation Apply colors, font sizes, and other formatting with CSS Add graphics, sound, and video to your pages Use the Canvas tag to render visual images on the fly Build user-input forms with buttons, boxes, and menus Your Step by Step digital content includes: All the book's practice files—ready to download and put to work. See "Using the Practice Files," inside. Fully searchable online edition of this book—with unlimited access on the Web. Free online account required; see inside book.

ISE Data Communications and Networking with TCP/IP Protocol Suite Behrouz A. Forouzan 2021-01-06 "Data Communications and Networking, 6th Edition, teaches the principles of networking using TCP/IP protocol suite. It employs a bottom-up approach where each layer in the TCP/IP protocol suite is built on the services provided by the layer below. This edition has undergone a major restructuring to reduce the number of chapters and focus on the organization of TCP/IP protocol suite. It concludes with three chapters that explore multimedia, network management, and cryptography/network security. Technologies related to data communications and networking are among the fastest growing in our culture today, and there is no better guide to this rapidly expanding field than Data Communications and Networking." -- Provided by publisher.

Introduction to Linux (Third Edition) Machtelt Garrels 2010-05 Whether you're just starting out with Linux or looking to hone your existing skills, this book will provide you with the knowledge you need. For new users, it is an exploration tour and getting started guide, with exercises at the end of each chapter. Advanced trainees can consider it a desktop reference, a collection of the base knowledge needed to tackle system and network administration. To help you work more effectively with Linux, this book contains hundreds of real life examples derived from the author's experience as a Linux system and network administrator, trainer and consultant. These examples will help you to get a better understanding of the Linux system and feel encouraged to try out things on your own.

Linux: The Complete Reference, Sixth Edition Richard Petersen 2007-12-10 Your one-stop guide to Linux--fully revised and expanded Get in-depth coverage of all Linux features, tools, and utilities from this thoroughly updated and comprehensive resource, designed for all Linux distributions. Written by Linux expert Richard Petersen, this book explains how to get up-and-running on Linux, use the desktops and shells, manage applications, deploy servers, implement security measures, and handle system and network administration tasks. With full coverage of the latest platform, Linux: The Complete Reference, Sixth Edition includes details on the very different and popular Debian (Ubuntu) and Red Hat/Fedora software installation and service management tools used by most distributions. This is a must-have guide for all Linux users. Install, configure, and administer any Linux distribution Work with files and folders from the BASH, TCSH, and Z shells Use the GNOME and KDE desktops, X Windows, and display managers Set up office, database, Internet, and multimedia applications Secure data using SELinux, netfilter, SSH, and Kerberos Encrypt network transmissions with GPG, LUKS, and IPsec Deploy FTP, Web, mail, proxy, print, news, and database servers Administer system resources using HAL, udev, and virtualization (KVM and Xen) Configure and maintain IPv6, DHCPv6, NIS, networking, and remote access Access remote files and devices using NFSv4, GFS, PVFS, NIS, and SAMBA

Education World 2002

Pharmaceutical Microbiology Manual United States Food and Drug Administration 2017-09-21 Manual and is a supplement to the United States Pharmacopeia (USP) for pharmaceutical microbiology testing, including antimicrobial effectiveness testing, microbial examination of non-sterile products, sterility testing, bacterial endotoxin testing, particulate matter, device bioburden and environmental monitoring testing. The goal of this manual is to provide an ORA/CDER harmonized framework on the knowledge, methods and tools needed, and to apply the appropriate scientific standards required to assess the safety and efficacy of medical products within FDA testing laboratories. The PMM has expanded to include some rapid screening techniques along with a new section that covers inspectional guidance for microbiologists that conduct team inspections. This manual was developed by members of the Pharmaceutical Microbiology Workgroup and includes individuals with specialized experience and training. The instructions in this document are guidelines for FDA analysts. When available, analysts should use procedures and worksheets that are standardized and harmonized across all ORA field labs, along with the PMM, when performing analyses related to product testing of pharmaceuticals and medical devices. When changes or deviations are necessary, documentation should be completed per the laboratory's Quality Management System. Generally, these changes should originate from situations such as new products, unusual products, or unique situations. This manual was written to reduce compendia method ambiguity and increase standardization between FDA field laboratories. By providing clearer instructions to FDA ORA labs, greater transparency can be provided to both industry and the public. However, it should be emphasized that this manual is a supplement, and does not replace any information in USP or applicable FDA official guidance references. The PMM does not relieve any person or laboratory from the responsibility of ensuring that the methods being employed from the manual are fit for use, and that all testing is validated and/or verified by the user. The PMM will continually be revised as newer products, platforms and technologies emerge or any significant scientific gaps are identified with product testing. Reference to any commercial materials, equipment, or process in the PMM does not in any way constitute approval, endorsement, or recommendation by the U.S. Food and Drug Administration.

Red Hat Linux Networking and System Administration Terry Collings 2004-02-20 * Updated to cover Red Hat Linux Enterprise Workstation with the latest on advanced Linux kernel features, the Tux Web server, the latest Apache 2.x Web server, and the expanded suite of custom configuration tools * Starts with network planning and Red Hat installation and configuration, then progresses to optimizing network and Internet services and monitoring and maintaining the network * Examines the basics of Red Hat Linux security and offers trouble-shooting and problem-solving advice * Includes important new chapters that focus on optimizing standard network services, such as file and print services, and Internet-related servers, such as the Apache Web server Copyright © 2004 by Red Hat, Inc. Material from Chapters 4-6, 8-10, 17 and 21 may be distributed only subject to the terms and conditions set forth in the Open Publication License, V1.0 or later (the latest version is presently available at <http://www.opencontent.org/openpub/>).

Pro Apache Tomcat 6 Matthew Moodie 2007-04-30 60-80% of Java developers require only simple Java Web applications. For these advanced, specialized users, the optimal deployment tool for simple Java-based Web applications is the open source Tomcat Web application server, which has graduated from Jakarta to become a topline Apache project, Apache Tomcat. Pro Apache Tomcat 6 fills an important need in the very large,

very under-served Tomcat tech market. Unlike beginner manuals, this book wastes no time on Java or JSP introductions, and discusses JSP and Java code minimally. Instead, it gets right to the point and teaches you to use the newest Tomcat, version 6.

21st Century C Ben Klemens 2012-10-15 Throw out your old ideas about C and get to know a programming language that's substantially outgrown its origins. With this revised edition of *21st Century C*, you'll discover up-to-date techniques missing from other C tutorials, whether you're new to the language or just getting reacquainted. C isn't just the foundation of modern programming languages; it is a modern language, ideal for writing efficient, state-of-the-art applications. Get past idioms that made sense on mainframes and learn the tools you need to work with this evolved and aggressively simple language. No matter what programming language you currently favor, you'll quickly see that 21st century C rocks. Set up a C programming environment with shell facilities, makefiles, text editors, debuggers, and memory checkers Use Autotools, C's de facto cross-platform package manager Learn about the problematic C concepts too useful to discard Solve C's string-building problems with C-standard functions Use modern syntactic features for functions that take structured inputs Build high-level, object-based libraries and programs Perform advanced math, talk to internet servers, and run databases with existing C libraries This edition also includes new material on concurrent threads, virtual tables, C99 numeric types, and other features.

Introduction to Linux (Second Edition) Machtelt Garrels 2007 Whether you're just starting out with Linux or looking to hone your existing skills, this book will provide you with the knowledge you need.

Learning PHP, MySQL, JavaScript, and CSS Robin Nixon 2012-08-27 Learn how to build interactive, data-driven websites—even if you don't have any previous programming experience. If you know how to build static sites with HTML, this popular guide will help you tackle dynamic web programming. You'll get a thorough grounding in today's core open source technologies: PHP, MySQL, JavaScript, and CSS. Explore each technology separately, learn how to combine them, and pick up valuable web programming concepts along the way, including objects, XHTML, cookies, and session management. This book provides review questions in each chapter to help you apply what you've learned. Learn PHP essentials and the basics of object-oriented programming Master MySQL, from database structure to complex queries Create web pages with PHP and MySQL by integrating forms and other HTML features Learn JavaScript fundamentals, from functions and event handling to accessing the Document Object Model Pick up CSS basics for formatting and styling your web pages Turn your website into a highly dynamic environment with Ajax calls Upload and manipulate files and images, validate user input, and secure your applications Explore a working example that brings all of the ingredients together

Linux Administration a Beginner's Guide Steve Shah 2001-01 Learn to install and administer Linux on an individual workstation or an entire network with this comprehensive in depth reference. You'll find everything you need to get up and running with any Linux distribution, including the latest version of Red Hat. Updated to cover the new 2.4 kernel and complete with an expanded section on advanced networking, this book shows you how to install and configure Linux, set up Internet services, handle single-host administration, and much more. Plus, you'll get eight pages of blueprints illustrating the differences between Linux and Windows NT/2000. If you are a professional administrator wanting to bring Linux into your network topology, a home user with multiple machines wanting to build a simple home network, or are migrating from Windows, then you need this book.

Green Computing Bud E. Smith 2013-07-08 Explaining how going green can pay for itself, *Green Computing: Tools and Techniques for Saving Energy, Money, and Resources* ties the green agenda in IT to the broader corporate agenda in risk management, brand management, and reputation management. Written by a leading author in the IT field, this authoritative reference provides easy access to qu

ACCA F4 Corporate and Business Law (Global) BPP Learning Media 2017-02-17 BPP Learning Media is an ACCA Approved Content Provider. Our partnership with ACCA means that our Study Texts, Practice & Revision Kits and iPass (for CBE papers only) are subject to a thorough ACCA examining team review. Our suite of study tools will provide you with all the accurate and up-to-date material you need for exam success.

Unix: Concepts And Applications Sumitabha Das 2003 The Third Edition Incorporates Major Revisions, Moderate Additions, And Minor Deletions. It Focuses On The Two Major Versions Of Unix - Solaris And Linux. The Two-Part Structure Od The Previous Edition Has Been Maintained. The Fundamental Aspects Of The System Are Covered In Part I, Whereas The Intermediate And Advances Concepts Are Explained In Part Ii. Salient Features : Two New Chapters On Unix Systems Programming - The File And Process Control. Complete Chapter Devoted To Tcp/Ip Network Of Administration. Enhanced Coverage On Linux. Updated Coverage On The Internaet And The Http Protocol. End-Of-Chapter Questions Grouped Under Test Your Understanding With Answers In Appendix C And Flex Your Brain. Also Conforms To The Latest Revised Doeacca Level Syllabus Effective July 2003.

SOFTWARE ENGINEERING S. A. KELKAR 2007-09-13 A decade ago nobody could have imagined the crucial role that software would play in our everyday life. The artificial boundaries between hardware, software, telecommunication, and many other disciplines are getting blurred very rapidly. This book presents the essentials of theory and practice of software engineering in an abstracted form. Presenting the information based on software development life cycle, the text guides the students through all the stages of software production—Requirements, Designing, Construction, Testing and Maintenance. Key Features : Emphasizes on non-coding areas Includes appendices on “need to know” basis Makes the learning easier as organized by software development life cycle This text is well suited for academic courses on Software Engineering or for conducting training programmes for software professionals. This book will be equally useful to the instructors of software engineering as well as busy professionals who wish to grasp the essentials of software engineering without attending a formal instructional course.

Introduction to Auditing (University of Mumbai) Minaxi Rachchh, Siddheshwar T. Gadade & Gunvantrai Rachchh 2015 Introduction to Auditing has been written by a group of experienced teachers for T.Y.B.Com students of University of Mumbai. This book has been designed to provide comprehensive coverage of the syllabus prescribed by the University of Mumbai. It covers the topics as mentioned in the syllabus for the subject in a simple and lucid style. A significant value addition is the inclusion of questions related to each topic from previous examinations. **KEY FEATURES** • Theoretical questions with answers given in each chapter • Numerous questions with hints for answers from previous university examinations • Students will know the trend and pattern of examinations by using this book

Programming Embedded Systems Michael Barr 2006-10-11 Authored by two of the leading authorities in the field, this guide offers readers the knowledge and skills needed to achieve proficiency with embedded software.

Mastering Cloud Computing Rajkumar Buyya 2013-04-05 Mastering Cloud Computing is designed for undergraduate students learning to develop cloud computing applications. Tomorrow's applications won't live on a single computer but will be deployed from and reside on a virtual server, accessible anywhere, any time. Tomorrow's application developers need to understand the requirements of building apps for these virtual systems, including concurrent programming, high-performance computing, and data-intensive systems. The book introduces the principles of distributed and parallel computing underlying cloud architectures and specifically focuses on virtualization, thread programming, task programming, and map-reduce programming. There are examples demonstrating all of these and more, with exercises and labs throughout. Explains how to make design choices and tradeoffs to consider when building applications to run in a virtual cloud environment Real-world case studies include scientific, business, and energy-efficiency considerations

Head First HTML5 Programming Eric Freeman 2011-10-06 HTML has been on a wild ride. Sure, HTML started as a mere markup language, but more recently HTML's put on some major muscle. Now we've got a language tuned for building web applications with Web storage, 2D drawing, offline support, sockets and threads, and more. And to speak this language you've got to go beyond HTML5 markup and into the world of the DOM, events, and JavaScript APIs. Now you probably already know all about HTML markup (otherwise known as structure) and you know all about CSS style (presentation), but what you've been missing is JavaScript (behavior). If all you know about are structure and presentation, you can create some great looking pages, but they're still just pages. When you add behavior with JavaScript, you can create an interactive experience; even better, you can create full blown web applications. Head First HTML5 Programming is your ultimate tour guide to creating web

applications with HTML5 and JavaScript, and we give you everything you need to know to build them, including: how to add interactivity to your pages, how to communicate with the world of Web services, and how to use the great new APIs being developed for HTML5. Here are just some of the things you'll learn in *Head First HTML5 Programming*: Learn how to make your pages truly interactive by using the power of the DOM. Finally understand how JavaScript works and take yourself from novice to well-informed in just a few chapters. Learn how JavaScript APIs fit into the HTML5 ecosystem, and how to use any API in your web pages. Use the Geolocation API to know where your users are. Bring out your inner artist with Canvas, HTML5's new 2D drawing surface. Go beyond just plugging a video into your pages, and create custom video experiences. Learn the secret to grabbing five megabytes of storage in every user's browser. Improve your page's responsiveness and performance with Web workers. And much more.

Programming with JAVA - A Primer E. Balaguruswamy 2014-06-04 *Programming with JAVA, 3e*, incorporates all the updates and enhancements added to JAVA 2 and J2SE 5.0 releases. The book presents the language concepts in extremely simple and easy-to-understand style with illustrations and examples wherever necessary. *Salient Features* Fully explains the entire Java language. Discusses Java's unique features such as packages and interfaces. Shows how to create and implement applets. Illustrates the use of advanced concepts like multithread and graphics. Covers exception handling in depth. Debugging exercises and two full-fledged projects. Includes model questions from the Sun Certified JAVA Programmer Exam.

Data Communications and Networking Behrouz A. Forouzan 2001-07

Perspectives in Cultural Anthropology Herbert A. Applebaum 1987-01-01 Designed as a reader for courses, this anthology presents an array of theories and interpretations in the field of modern cultural anthropology. It provides a deeper understanding of the major theoretical orientations which have historically guided and currently guide anthropological research.

Object-oriented Modeling and Design James Rumbaugh 1991 This text applies object-oriented techniques to the entire software development cycle.

Object-oriented Programming with C++ Sourav Sahay 2006 Designed to serve as a textbook for undergraduate engineering and MCA students, *Object-Oriented Programming with C++* imparts a clear understanding of objects and the method of modelling them in OOPS. The book contains a systematic discussion of features such as classes, objects, dynamic memory management, constructors, destructors, inheritance, overloading, polymorphism, stream handling and exception handling.

Pandas for Everyone Daniel Y. Chen 2017-12-15 The Hands-On, Example-Rich Introduction to Pandas Data Analysis in Python Today, analysts must manage data characterized by extraordinary variety, velocity, and volume. Using the open source Pandas library, you can use Python to rapidly automate and perform virtually any data analysis task, no matter how large or complex. Pandas can help you ensure the veracity of your data, visualize it for effective decision-making, and reliably reproduce analyses across multiple datasets. *Pandas for Everyone* brings together practical knowledge and insight for solving real problems with Pandas, even if you're new to Python data analysis. Daniel Y. Chen introduces key concepts through simple but practical examples, incrementally building on them to solve more difficult, real-world problems. Chen gives you a jumpstart on using Pandas with a realistic dataset and covers combining datasets, handling missing data, and structuring datasets for easier analysis and visualization. He demonstrates powerful data cleaning techniques, from basic string manipulation to applying functions simultaneously across dataframes. Once your data is ready, Chen guides you through fitting models for prediction, clustering, inference, and exploration. He provides tips on performance and scalability, and introduces you to the wider Python data analysis ecosystem. Work with DataFrames and Series, and import or export data Create plots with matplotlib, seaborn, and pandas Combine datasets and handle missing data Reshape, tidy, and clean datasets so they're easier to work with Convert data types and manipulate text strings Apply functions to scale data manipulations Aggregate, transform, and filter large datasets with groupby Leverage Pandas' advanced date and time capabilities Fit linear models using statsmodels and scikit-learn libraries Use generalized linear modeling to fit models with different response variables Compare multiple models to select the "best" Regularize to overcome overfitting and improve performance Use clustering in unsupervised machine learning

Operating System Concepts Abraham Silberschatz 2005-12-01 A BETTER WAY TO LEARN ABOUT OPERATING SYSTEMS Master the concepts at work behind modern operating systems! Silberschatz, Galvin, and Gagne's *Operating Systems Concepts with Java, Sixth Edition* illustrates fundamental operating system concepts using the java programming language, and introduces you to today's most popular OS platforms. The result is the most modern and balanced introduction to operating systems available. Before you buy, make sure you are getting the best value and all the learning tools you'll need to succeed in your course. If your professor requires eGrade Plus, you can purchase it here at no additional cost! With this special eGrade Plus package you get the new text_no highlighting, no missing pages, no food stains_and a registration code to eGrade Plus, a suite of effective learning tools to help you get a better grade. All this, in one convenient package! eGrade Plus gives you: A complete online version of the textbook Approximately 25 homework questions per chapter which are linked to the relevant section of the online text Student source code Instant feedback on your homework and quizzes and more! eGrade Plus is a powerful online tool that provides students with an integrated suite of teaching and learning resources and an online version of the text in one easy-to-use website.

Cloud security mechanisms Neuhaus, Christian 2014-10-09 Cloud computing has brought great benefits in cost and flexibility for provisioning services. The greatest challenge of cloud computing remains however the question of security. The current standard tools in access control mechanisms and cryptography can only partly solve the security challenges of cloud infrastructures. In the recent years of research in security and cryptography, novel mechanisms, protocols and algorithms have emerged that offer new ways to create secure services atop cloud infrastructures. This report provides introductions to a selection of security mechanisms that were part of the "Cloud Security Mechanisms" seminar in summer term 2013 at HPI.

Programming Embedded Systems in C and C++ Michael Barr 1999 An introduction to embedding systems for C and C++ programmers encompasses such topics as testing memory devices, writing and erasing Flash memory, verifying nonvolatile memory contents, and much more. Original. (Intermediate).

Construction of an Online Examination System Maysam Sameer Hussein 2016-06-12

Business Economics II. 1982 Produced for unit MBA882 (Business economics 2) offered by the School of Management in Deakin University's Open Campus Program for the Master of Business Administration.

Next Generation Databases Guy Harrison 2015-12-30 "It's not easy to find such a generous book on big data and databases. Fortunately, this book is the one." Feng Yu. *Computing Reviews*. June 28, 2016. This is a book for enterprise architects, database administrators, and developers who need to understand the latest developments in database technologies. It is the book to help you choose the correct database technology at a time when concepts such as Big Data, NoSQL and NewSQL are making what used to be an easy choice into a complex decision with significant implications. The relational database (RDBMS) model completely dominated database technology for over 20 years. Today this "one size fits all" stability has been disrupted by a relatively recent explosion of new database technologies. These paradigm-busting technologies are powering the "Big Data" and "NoSQL" revolutions, as well as forcing fundamental changes in databases across the board. Deciding to use a relational database was once truly a no-brainer, and the various commercial relational databases competed on price, performance, reliability, and ease of use rather than on fundamental architectures. Today we are faced with choices between radically different database technologies. Choosing the right database today is a complex undertaking, with serious economic and technological consequences. *Next Generation Databases* demystifies today's new database technologies. The book describes what each technology was designed to solve. It shows how each technology can be used to solve real world application and business problems. Most importantly, this book highlights the architectural differences between technologies that are the critical factors to consider when choosing a database platform for new and upcoming projects. Introduces the new technologies that have revolutionized the database landscape Describes how each technology can be used to solve specific application or

business challenges Reviews the most popular new wave databases and how they use these new database technologies

Operating Systems William Stallings 2009 For a one-semester undergraduate course in operating systems for computer science, computer engineering, and electrical engineering majors. Winner of the 2009 Textbook Excellence Award from the Text and Academic Authors Association (TAA)! Operating Systems: Internals and Design Principles is a comprehensive and unified introduction to operating systems. By using several innovative tools, Stallings makes it possible to understand critical core concepts that can be fundamentally challenging. The new edition includes the implementation of web based animations to aid visual learners. At key points in the book, students are directed to view an animation and then are provided with assignments to alter the animation input and analyze the results. The concepts are then enhanced and supported by end-of-chapter case studies of UNIX, Linux and Windows Vista. These provide students with a solid understanding of the key mechanisms of modern operating systems and the types of design tradeoffs and decisions involved in OS design. Because they are embedded into the text as end of chapter material, students are able to apply them right at the point of discussion. This approach is equally useful as a basic reference and as an up-to-date survey of the state of the art.

Open Sources Chris DiBona 1999-01-03 Freely available source code, with contributions from thousands of programmers around the world: this is the spirit of the software revolution known as Open Source. Open Source has grabbed the computer industry's attention. Netscape has opened the source code to Mozilla; IBM supports Apache; major database vendors have ported their products to Linux. As enterprises realize the power of the open-source development model, Open Source is becoming a viable mainstream alternative to commercial software. Now in Open Sources, leaders of Open Source come together for the first time to discuss the new vision of the software industry they have created. The essays in this volume offer insight into how the Open Source movement works, why it succeeds, and where it is going. For programmers who have labored on open-source projects, Open Sources is the new gospel: a powerful vision from the movement's spiritual leaders. For businesses integrating open-source software into their enterprise, Open Sources reveals the mysteries of how open development builds better software, and how businesses can leverage freely available software for a competitive business advantage. The contributors here have been the leaders in the open-source arena: Brian Behlendorf (Apache) Kirk McKusick (Berkeley Unix) Tim O'Reilly (Publisher, O'Reilly & Associates) Bruce Perens (Debian Project, Open Source Initiative) Tom Paquin and Jim Hamerly (mozilla.org, Netscape) Eric Raymond (Open Source Initiative) Richard Stallman (GNU, Free Software Foundation, Emacs) Michael Tiemann (Cygnus Solutions) Linus Torvalds (Linux) Paul Vixie (Bind) Larry Wall (Perl) This book explains why the majority of the Internet's servers use open-source technologies for everything from the operating system to Web serving and email. Key technology products developed with open-source software have overtaken and surpassed the commercial efforts of billion dollar companies like Microsoft and IBM to dominate software markets. Learn the inside story of what led Netscape to decide to release its source code using the open-source mode. Learn how Cygnus Solutions builds the world's best compilers by sharing the source code. Learn why venture capitalists are eagerly watching Red Hat Software, a company that gives its key product -- Linux -- away. For the first time in print, this book presents the story of the open-source phenomenon told by the people who created this movement. Open Sources will bring you into the world of free software and show you the revolution.

Introduction to Object-Oriented Programming Timothy Budd 2008-09

The Official Ubuntu Book Benjamin Hill 2010-06-21 Ub>The Official Ubuntu Book, Fifth Edition, will get you up and running quickly. Written by expert, leading Ubuntu community members, this book covers all you need to know to make the most of Ubuntu 10.04, whether you're a home user, small business user, server administrator, or programmer. The authors explain Ubuntu 10.04 from start to finish: installation, configuration, desktop productivity, games, management, support, and much more. Among the many topics covered in this edition: Kubuntu, Ubuntu Netbook Edition, and Ubuntu Server. This complete guide also covers standard desktop applications, from word processing, spreadsheets, Web browsing, e-mail, instant messaging, music, video, and games to software development, databases, and server applications. In addition, you will Learn how to customize Ubuntu for home, small business, school, government, and enterprise environments Learn how to quickly update Ubuntu to new release versions and upgraded applications Find up-to-the-minute troubleshooting advice from Ubuntu users worldwide from forums and other means to get the help you need quickly Learn Ubuntu Server installation and administration, including LVM and RAID implementation Learn how to install Ubuntu on a netbook The DVD includes the complete Ubuntu Linux operating system for installation on PC platforms. The disk is preconfigured with an outstanding desktop environment for both home and business computing. It can be used to install other complete variants of Ubuntu, including Kubuntu (with the KDE environment), Ubuntu Netbook Edition, and Ubuntu Server.

Operating System Concepts, 10e Abridged Print Companion Abraham Silberschatz 2018-01-11 The tenth edition of Operating System Concepts has been revised to keep it fresh and up-to-date with contemporary examples of how operating systems function, as well as enhanced interactive elements to improve learning and the student's experience with the material. It combines instruction on concepts with real-world applications so that students can understand the practical usage of the content. End-of-chapter problems, exercises, review questions, and programming exercises help to further reinforce important concepts. New interactive self-assessment problems are provided throughout the text to help students monitor their level of understanding and progress. A Linux virtual machine (including C and Java source code and development tools) allows students to complete programming exercises that help them engage further with the material. The Print Companion includes all of the content found in a traditional text book, organized the way you would expect it, but without the problems.

Cloud Computing Thomas Erl 2013-05-02 Clouds are distributed technology platforms that leverage sophisticated technology innovations to provide highly scalable and resilient environments that can be remotely utilized by organizations in a multitude of powerful ways. To successfully build upon, integrate with, or even create a cloud environment requires an understanding of its common inner mechanics, architectural layers, and models, as well as an understanding of the business and economic factors that result from the adoption and real-world use of cloud-based services. In Cloud Computing: Concepts, Technology & Architecture, Thomas Erl, one of the world's top-selling IT authors, teams up with cloud computing experts and researchers to break down proven and mature cloud computing technologies and practices into a series of well-defined concepts, models, technology mechanisms, and technology architectures, all from an industry-centric and vendor-neutral point of view. In doing so, the book establishes concrete, academic coverage with a focus on structure, clarity, and well-defined building blocks for mainstream cloud computing platforms and solutions. Subsequent to technology-centric coverage, the book proceeds to establish business-centric models and metrics that allow for the financial assessment of cloud-based IT resources and their comparison to those hosted on traditional IT enterprise premises. Also provided are templates and formulas for calculating SLA-related quality-of-service values and numerous explorations of the SaaS, PaaS, and IaaS delivery models. With more than 260 figures, 29 architectural models, and 20 mechanisms, this indispensable guide provides a comprehensive education of cloud computing essentials that will never leave your side.

Operating Systems Remzi H. Arpaci-Dusseau 2018-09 "This book is organized around three concepts fundamental to OS construction: virtualization (of CPU and memory), concurrency (locks and condition variables), and persistence (disks, RAIDS, and file systems"--Back cover.