

Gimp Documentation

This book focuses on interactive segmentation techniques, which have been extensively studied in recent decades. Interactive segmentation emphasizes clear extraction of objects of interest, whose locations are roughly indicated by human interactions based on high level perception. This book will first introduce classic graph-cut segmentation algorithms and then discuss state-of-the-art techniques, including graph matching methods, region merging and label propagation, clustering methods, and segmentation methods based on edge detection. A comparative analysis of these methods will be provided with quantitative and qualitative performance evaluation, which will be illustrated using natural and synthetic images. Also, extensive statistical performance comparisons will be made. Pros and cons of these interactive segmentation methods will be pointed out, and their applications will be discussed. There have been only a few surveys on interactive segmentation techniques, and those surveys do not cover recent state-of-the-art techniques. By providing comprehensive up-to-date survey on the fast developing topic and the performance evaluation, this book can help readers learn interactive segmentation techniques quickly and thoroughly.

Beginning GIMP From Novice to Professional Apress

This book constitutes the proceedings of the 11th International Conference on Cellular Automata for Research and Industry, ACRI 2014, held in Krakow, Poland, in September 2014. The 67 full papers and 7 short papers presented in this volume were carefully reviewed and selected from 125 submissions. They are organized in topical sections named: theoretical results on cellular automata; cellular automata dynamics and synchronization; modeling and simulation with cellular automata; cellular automata-based hardware and computing; cryptography, networks and pattern recognition with cellular automata. The volume also contains contributions from ACRI 2014 workshops on crowds and cellular automata; asynchronous cellular automata; traffic and cellular automata; and agent-based simulation and cellular automata.

Presents information on content development for online help systems.

The book will cover a broad range of work describing our current state of understanding on the topic, including: historic knowledge and misconceptions of motility; evolution of diatom motility; diatom ecology & physiology; cell biology and biochemistry of diatom motility, anatomy of motile diatoms; observations of diatom motile behavior; diatom competitive ability, unique forms of diatom motility as found in the genus *Eunotia*; and Models of Motility. This volume is the first book attempting to gather such information surrounding diatom motility into one volume focusing on this single topic. Readers will be able to gather both the current state of understanding on the potential mechanisms and ecological regulators of motility, as well as possible models and approaches used to help determine how diatoms accomplish such varied

behaviors as diurnal movements, accumulation into areas of light, niche partitioning to increase species success. Given the fact that diatoms remain one of the most ecologically crucial cells in aquatic ecosystems, our hope is that this volume will act as a springboard towards future research into diatom motility and even better resolution of some of the issues in motility.

Readers gain a full understanding of today's digital world with the cohesive framework and logical organization found only in Parsons' NEW PERSPECTIVES ON COMPUTER CONCEPTS 2016, COMPREHENSIVE. Newly revised and reorganized, this dynamic book provides the latest updates on emerging technology with engaging learning features, informative visuals and hands-on activities proven to increase learning effectiveness. A new introduction highlights today's digital evolution, while new coverage of social media and online security examines concepts behind the trends. Readers explore the principles behind the wide scope of digital devices in use today with the book's enhanced focus on the connectivity that pervades modern life. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Eight minibooks spanning over 850 pages deliver the scoop on the latest versions of seven leading Linux distributions: Fedora Core, SUSE, Debian, Xandros, SimplyMEPIS, Knoppix, and Ubuntu The DVD includes the full Fedora Core and Knoppix distributions plus ISO images of the other distributions covered, saving hours of downloading time This new edition includes all-new coverage of the SimplyMEPIS and Ubuntudistributions, an added section on the Skype Internet telephone system, and expanded coverage of Firefox, SELinux, and OpenOffice.org applications The eight minibooks cover Linux basics, desktops, networking, the Internet, administration, security, Internet servers, and programming The Linux share of the operating system market is expected to grow from three to 11 percent in the next four years Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

This essential reference organizes material into a set of nine stand-alone, task-oriented minibooks that enable readers to understand all aspects of the Fedora OS, the latest release of the most popular Linux distribution Each minibook covers a different aspect of Fedora, such as getting users started with Fedora, the various workstations and applications, OpenOffice.org, networking, system administration, security, running Internet servers on a Fedora system, and programming More experienced readers can use this desktop reference to look up how to perform specific tasks, such as hooking up to the Internet, using a cable modem, or reading e-mail Includes the full Fedora Core distribution with source code on DVD and all of the CD content that comes with Fedora, saving readers hours of download time

A complete guide and reference to five major Linux distributions Linux continues to grow in popularity worldwide as a low-cost, reliable operating system for enterprise use. Nine minibooks in this guide cover everything administrators need to

know about the five leading versions: Ubuntu, Fedora Core, OpenSUSE, Mint, and Mandriva. The companion DVD includes full Ubuntu installations and ISO images for the other four, saving hours of downloading time. The open source Linux operating system is gaining market share around the world for both desktop and server use; this soup-to-nuts guide covers installation and everything else administrators need to know about Ubuntu, Fedora Core, OpenSUSE, Mint, and Mandriva. Nine self-contained minibooks cover Linux basics, desktops, networking, Internet, administration, security, Linux servers, programming, and scripting. Updated to cover the newest versions of the five top distributions, with complete installation instructions and a DVD including the full Ubuntu installations and ISO images for the others. Linux users and administrators will be able to install and sample five popular Linux flavors with the information in Linux All-in-One For Dummies. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

In today's world where technology impacts every aspect of life, you need to know how to evaluate devices, choose apps, maintain a professional online reputation, and ensure digital security. **NEW PERSPECTIVES ON COMPUTER CONCEPTS 2018, COMPREHENSIVE** offers the insights to help. This book goes beyond the intuitive how-to of apps and social media to delve into broad concepts that are guiding current technologies such as self-driving cars, virtual reality, file sharing torrents, encrypted communications, photo forensics, and the Internet of Things. Numerous illustrations and interactive features make mastering technical topics a breeze, while the book's proven learning path is structured with today's busy reader in mind. This edition offers an insightful overview of what today's readers must know about using technology to complete an education, secure a successful career, and engage in issues that shape today's world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The ultimate reference and guide to the GNU image manipulation program GIMP is a free, Photoshop-like image manipulation program, and as its use grows, so does the demand for detailed instruction on how to get the very most out of it. GIMP Bible is the most comprehensive and current independent GIMP reference available that goes beyond official documentation. If you're a digital artist or photographer, the step-by-step explanations in this authoritative guide show you how to power-use GIMP throughout a production pipeline. Topics include understanding the GIMP interface and how to work with it, how to use all of GIMP's tools to create high-quality images, GIMP's default filters and plug-ins, advanced techniques for customization with Python and Scheme scripting, and much more. GIMP (GNU Image Manipulation Program) is a free graphics editor that runs on Linux, Windows, or Macs; it is used to process digital graphics and photographs including creating graphics and logos, resizing and cropping photos, altering colors, combining images, creating basic GIF animated images, and more. Whether you're a digital artist, professional photographer, or beginner,

this detailed how-to shows you best practices, valuable techniques, and helpful tips for getting the most out of GIMP for your projects. Topics include the GIMP interface and how to work with it, in-depth description of GIMP's tools and how to use them to create high-quality images, a comprehensive reference for all of GIMP's default filters and common plug-ins, and advanced customization with Python and Scheme scripting. Get the most out of this free image editing tool for your production pipeline with the GIMP Bible. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

In its first five years of existence, The Perl Journal (TPJ) became the voice of the Perl community. Every serious Perl programmer subscribed to it, and every notable Perl guru jumped at the opportunity to write for it. TPJ explained critical Perl topics and demonstrated Perl's utility for fields as diverse as astronomy, biology, economics, AI, and games. Back issues were hoarded, or swapped like trading cards. No longer in print format, The Perl Journal remains a proud and timeless achievement of Perl during one of its most exciting periods of development. *Web, Graphics & Perl/Tk* is the second volume of *The Best of the Perl Journal*, compiled and re-edited by the original editor and publisher of The Perl Journal, Jon Orwant. In this series, we've taken the very best (and still relevant) articles published in TPJ over its five years of publication and immortalized them into three volumes. The forty articles included in this volume are simply some of the best Perl articles ever written on the subjects of graphics, the Web, and Perl/Tk, by some of the best Perl authors and coders. Much of Perl's success is due to its capabilities for developing web sites; the Web section covers popular topics such as CGI programs, `mod_perl`, spidering, HTML parsing, security, and content management. The Graphics section is a grab bag of techniques, ranging from simple graph generation to ray tracing and real-time video digitizing. The Perl/Tk section shows you how to use the popular Perl/Tk toolkit for developing graphical applications that work on both Unix/Linux and Windows without a single change. Written by twenty-three of the most prominent and prolific members of the closely-knit Perl community, including Lincoln Stein, Mark-Jason Dominus, Alligator Descartes, and Dan Brian, this anthology does what no other book can, giving unique insight into the real-life applications and powerful techniques made possible by Perl.

Beginning Photo Retouching & Restoration Using GIMP teaches the reader how to achieve professional results using this high end image editor. You'll learn how to do everything from making dull images "pop" to resurrecting badly damaged photographs deemed beyond any hope of rescue. There's no need to shell out good money month after month for the "big name" software package. GIMP 2.8 is a world-class image editor that wields almost as much power, and is completely free! Learning the art of photo retouching and restoration is fun and rewarding. Reclaim those treasured images from the ravages of time and neglect, and pass them on to future generations. *Beginning Photo Retouching &*

Restoration Using GIMP will provide you with a wide array of editing exercises to help you develop a high degree of proficiency. Whether you are the designated "family archivist" wanting to preserve your family history, or a professional photographer with a desire to add an extra revenue generating service, this book will be an invaluable aid. • Shows how to acquire the best scans and digitize large photographs. • Teaches you how to digitally repair damaged prints, correct color shifts, reclaim lost detail-even colorize black and white images. • Offers great tips on how to maintain and preserve your newly printed restored photographs, and how to properly store originals.

This insightful volume focuses on scripting programmers to manipulate graphics for the Web. The book documents new ways to use Perl modules for generating graphics.

The GIMP Version 2.4 will be released end of 2005. We'll likely be first to market a book about the new version. Other books are pre-Version 2.4 and very outdated Takes a project-based approach. Reader will be taught through real-world examples and projects immediately applicable for their own work GIMP is an emerging technology in Open Source that has been making big headlines. Was used to make the Scooby-Doo movie and the official mascot of Linux (Tux) GIMP works on Mac OSX, Linux, and Windows. This book shows how to install it on each platform.

Full of tips, tricks, and helpful pointers, this is a hands-on, project-based guide to Ubuntu, a completely free Linux operating system. The authors tackle topics of interest to the everyday user, such as customizing the desktop, installing programs, and playing audio and video.

Take your students beyond the basics with the award-winning NEW PERSPECTIVES ON COMPUTER CONCEPTS. Designed to get all students up-to-speed on essential computer literacy skills, this market leading text goes deeper, providing students with the technical and practical information they need for academic and career success. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2016 incorporates significant technology trends that affect computing and everyday life; such as concerns for data security, personal privacy, online safety, controversy over digital rights management, interest in open source software and portable applications, and more. In addition, coverage of Microsoft Windows 8 and Office 2013 will introduce your students to the exciting new features of Microsoft's next generation of software. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

From the authors of Sketching the Moon comes a comprehensive guide filled with richly illustrated, detailed drawing tutorials that cover a variety of solar phenomena. Explanations of what to expect visually from white light, Hydrogen-alpha and Calcium K filters are provided for those new to solar observing, along with essential tips on equipment, observing techniques and the practicalities of drawing at the eyepiece. Time-honored, traditional methods and media are described in tandem with innovative techniques developed and shared by contemporary astronomical sketchers. For the technically minded, detailed descriptions are given on how to use image manipulation software to bring your sketches to life through animation. The Sun is the most visually dynamic

object in our solar system and offers compelling, spectacular views. Knotted magnetic field lines give rise to powerful eruptions and form the intricate sunspots and arching prominences that make our nearest star one of the most exciting, yet challenging, astronomical objects to sketch. Facilitated by the availability of affordable dedicated solar telescopes and filters, the Sun has become an increasingly popular target amongst astronomical sketchers. The use of narrowband solar filters provides a wonderful opportunity to capture views of the Sun that have, until recently, been largely inaccessible. You'll discover easy to follow, step-by-step instructions geared toward your specific interests, be it technical sketching and contributing to science, personal study, or even fun solar outreach activities that help children learn through art. By using Solar Sketching as a reference, drawing the Sun has never been easier.

GIMP is a multi-platform photo manipulation tool. GIMP is an acronym for GNU Image Manipulation Program. The GIMP is suitable for a variety of image manipulation tasks, including photo retouching, image composition, and image construction. GIMP has many capabilities. It can be used as a simple paint program, an expert quality photo retouching program, an online batch processing system, a mass production image renderer, an image format converter, etc. GIMP is expandable and extensible. It is designed to be augmented with plug-ins and extensions to do just about anything. The advanced scripting interface allows everything from the simplest task to the most complex image manipulation procedures to be easily scripted. One of The GIMP's strengths is its free availability from many sources for many operating systems. Most GNU/Linux distributions include The GIMP as a standard application. The GIMP is also available for other operating systems such as Microsoft Windows or Apple's Mac OS X (Darwin). This reference manual is based on the online manual. It contains only the first half of it due to physical book size restrictions. Chapter 16 to 18 are included in this volume. Chapter 1-15 are included in the first volume. To keep it consistent with the online manual we did not change the index or page numbering. It is highly suggested to get both volumes (1/2 and 2/2) together.

GIMP for Absolute Beginners gives us an easy way to use the power of GIMP, and enjoy digital photography and graphics without worrying about application features. GIMP is a powerful open source graphics and digital imaging application with almost all the features of its proprietary counterpart, Photoshop. But many of us are photographers and artists first, and we like to use our tools without having to think about them too much. GIMP for Absolute Beginners gets us to this stage without patronising users who haven't used GIMP before. But what can we actually do with photos and graphical images? These questions are answered in a photo projects chapter as well as a chapter on digital painting: Starting with making small changes to photos and adding information to them to creating paintings and drawings without photographic input. GIMP for Absolute Beginners covers the newest version of GIMP, version 2.8, so you can be sure the book covers the latest GIMP features. **The print version of this book is black & white, but the ebook version is in color on color-enabled devices. **

Offers instruction in digital photography basics, advanced techniques, and image editing, including image handling, storage, printing, hardware, posting photos to the Web, and selecting and caring for equipment.

Bring yourself up to date on everything you need to know about Ubuntu Linux The Ubuntu Linux Bible covers all of the latest developments in version 8.10 and 8.04, including tips for newcomers as well as expert guidance for seasoned system administrators. Learn about topics like the Gnome Desktop, the Bash shell, virtual machines, wireless networking, file sharing, and more. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

This comprehensive guide is directed at Linux and UNIX users but is also the best how-to book on the use of LaTeX in preparing articles, books and theses. Unlike other LaTeX books, this one is particularly suitable for anyone coming to LaTeX for the first time.

Linux guru Nick Petreley demystifies the most powerful features of Fedora, the new Linux operating system from Red Hat The book is tailored for new users and people upgrading from previous Red Hat versions Cuts through technical jargon with a concise, friendly approach and offers invaluable insider tips that enable users to get up and running fast with Fedora Features step-by-step guidance to help readers to use and customize the friendly graphical Bluecurve desktop; get online with instant messaging, e-mail and a favorite browser; create personal audio and data CD-ROMs; and get started with the OpenOffice office productivity suite Includes essential security tips and all the basic configuration details for networks, firewalls, users, and printers Two CD-ROMs include Red Hat's new personal edition distribution known as Fedora Copyright © 2004 by Red Hat, Inc. Material 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/>).

Curious about Linux, the amazing alternative operating system? Not sure which of the zillion different variations is right for you, or how to find out? How wise you are to think of Linux All-In-One Desk Reference For Dummies! Because Linux offers so many options, this book helps you narrow them down by giving you five popular Linux distributions on a DVD—Debian GNU/Linux, Fedora, openSUSE Linux, Ubuntu, and Xandros. You get everything you need to test-drive all five, including the instructions to install and use any of them. But that's just the beginning! Linux All-In-One Desk Reference For Dummies includes eight individual minibooks, each devoted to a specific aspect of Linux: Linux Basics Linux Desktops Networking Internet Administration Security Internet Servers Programming You'll find out how to: Understand the Linux kernel Create a network and connect a Linux PC to the Internet Use Internet services including Web, Mail, News, FTP, NFS, and DNS. Set up a Windows server using Samba Use Perl, shell, and C programming with Linux Manage system and network security and administration Work with the OpenOffice.org productivity tools and other applications that come with Linux So what are you waiting for? Linux All-In-One Desk Reference For Dummies is like having a guided tour of the wonderful world of Linux! Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

For many schools in today's economy, money is tight, and costs must be closely monitored. With this in mind, there is one area where educators can save: free, open source software. In Energize Education through Open Source, Christopher D. Whittum explains the ins and outs of a huge repository of educational and productivity software that is available and open source. Filled

with practical examples, this guide shares how this software and hardware can be obtained, provides suggestions for integrating it, and shows how schools can find the options that work best for their students and teachers. Whittum, who has worked with computers for more than thirty years, addresses and explains the Linux operating system, discusses how the open source products can be integrated into existing curricula, and provides suggestions for applications that could serve as aids to learning. Energize Education Through Open Source provides a feasible technology solution for schools facing financial barriers.

As a full-featured, free alternative to Adobe Photoshop, GIMP is one of the world's most popular open source projects. The latest version of GIMP (2.8) brings long-awaited improvements and powerful new tools to make graphic design and photo manipulation even easier—but it's still a notoriously challenging program to use. The Artist's Guide to GIMP teaches you how to use GIMP without a tedious list of menu paths and options. Instead, as you follow along with Michael J. Hammel's step-by-step instructions, you'll learn to produce professional-looking advertisements, apply impressive photographic effects, and design cool logos and text effects. These extensively illustrated tutorials are perfect for hands-on learning or as templates for your own artistic experiments. After a crash course in GIMP's core tools like brushes, patterns, selections, layers, modes, and masks, you'll learn: Photographic techniques to clean up blemishes and dust, create sepia-toned antique images, swap colors, produce motion blurs, alter depth of field, simulate a tilt-shift, and fix rips in an old photo Web design techniques to create navigation tabs, icons, fancy buttons, backgrounds, and borders Type effects to create depth, perspective shadows, metallic and distressed text, and neon and graffiti lettering Advertising effects to produce movie posters and package designs; simulate clouds, cracks, cloth, and underwater effects; and create specialized lighting Whether you're new to GIMP or you've been playing with this powerful software for years, you'll be inspired by the original art, creative photo manipulations, and numerous tips for designers. Covers GIMP 2.8

A recipe for having fun and getting things done with the Raspberry Pi The Raspberry Pi makes it easy to learn about computers and computer programming, and Raspberry Pi For Dummies makes it even easier! Using this extremely affordable and compact computer, you can learn to code in languages like Scratch and Python, explore how electronics work, create computer-generated buildings in Minecraft and music in Sonic Pic, become Linux-savvy, make Internet-of-Things devices, or just play around! This book gets you up and running on your Raspberry Pi, starting with setting it up, downloading the operating system, and using the desktop environment. Then, the only limit is your imagination! It doesn't matter whether you have a Raspberry Pi 4, Raspberry Pi 400, Raspberry Pi Zero W or an older model: we've got you covered. Raspberry Pi For Dummies explores the latest technology—the Raspberry Pi 4 and 400, Scratch 3 programming language, new games bundled with the Raspberry Pi, and the hottest Add-Ons out there. This introductory guide is the perfect place to start if you want to get a taste of everything the Raspberry Pi can do! Set up your Raspberry Pi, install the operating system, and connect to the Internet Learn the basics of the Linux desktop and Linux shell so you can program, work, and play Use Python, Scratch, and Sonic Pi to write your first programs and make games and digital music Discover how circuits work hand-in-hand with your Pi If you want to make the most of the Raspberry Pi for school, work, or play, you'll love this easy-to-read reference.

GIMP is a multi-platform photo manipulation tool. GIMP is an acronym for GNU Image Manipulation Program. The GIMP is suitable for a variety of image manipulation tasks, including photo retouching, image composition, and image construction. GIMP has many capabilities. It can be used as a simple paint program, an expert quality photo retouching program, an online batch processing system, a mass production image renderer, an image format converter, etc. GIMP is expandable and extensible. It is designed to be augmented with plug-ins and extensions to do just about anything. The advanced scripting interface allows everything from the simplest task to the most complex image manipulation procedures to be easily scripted. One of The GIMP's strengths is its free availability from many sources for many operating systems. Most GNU/Linux distributions include The GIMP as a standard application. The GIMP is also available for other operating systems such as Microsoft Windows or Apple's Mac OS X (Darwin). This reference manual is based on the online manual. It contains only the first half of it due to physical book size restrictions. Chapter 1 to 15 are included in this volume. Chapter 16-18 and the Appendix are included in the second volume. To keep it consistent with the online manual we did not change the index or page numbering. It is highly suggested to get both volumes (1/2 and 2/2) together.

GIMP is a free alternative to Adobe Photoshop with tons of professional-grade features. But with so many powerful tools and menu options, GIMP can be difficult to master. Whether you're struggling to get started or trying to master some of GIMP's more complex features, you'll find the answers you're looking for in The Book of GIMP. The tutorials in the first half of the book walk you through essential GIMP skills, like resizing and cropping images, touching up spots and scratches, and customizing your work area. Illustrated, step-by-step instructions show you how to: –Improve the lighting and composition of images –Remove distortions and noise to make old and damaged photos look like new –Create stunning panoramas and digital collages using a series of photos –Make, edit, and export custom textures, logos, and animated GIFs –Work with selections, channels, and masks to edit images like a pro –Create colorful digital art, layer by layer The book's second half offers a comprehensive reference to GIMP's many features, including color balancing, masks, filters, and plug-ins. You'll find tools described in unparalleled detail, with coverage of nearly every option and parameter. With illustrated tutorials and detailed references, The Book of GIMP is sure to become your one-stop guide to just about everything GIMP.

Describes the Linux operating system, covering such topics as installation, connecting to the Internet, software, applications, user accounts, networking, system administration, security, and Perl.

Readers gain a full understanding of today's digital world with the cohesive framework and logical organization found only in NEW PERSPECTIVES ON COMPUTER CONCEPTS 2016, ENHANCED, COMPREHENSIVE. This dynamic book provides the latest updates on emerging technology with engaging learning features, informative visuals and hands-on activities proven to increase learning effectiveness. An insightful introduction highlights today's digital evolution, while coverage of social media and online security examines concepts behind today's technology challenges and trends. Readers explore the principles underlying the wide scope of digital devices in use today with the book's unique focus on the connectivity that pervades modern life. This Enhanced

Edition includes a new hands-on programming chapter that lets even readers with no prior coding experience learn to program with instant success using Python™. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Completely updated for the newest release of Red Hat Linux, with nine stand-alone, task-oriented minibooks that enable readers to understand all aspects of the Red Hat Linux operating system Includes a new minibook on the OpenOffice.org Desktop Productivity Suite; a new chapter on wireless Ethernet local area networks (LANs); new material on USB devices; and enhanced information on accessing databases, working with graphics and images, and using Linux multimedia tools Written in the friendly, easy-to-understand For Dummies style, the book offers nearly 900 pages of coverage on basic to advanced Red Hat Linux topics, making it the perfect desktop reference to help readers find quick answers or learn how to perform a particular task Includes a DVD that contains all of the CD-ROMs that make up the full Fedora Core distribution, including the source code.

More than just a book! Get comfortable with the latest version of GIMP. Don't just read about it: see it, hear it, with step-by-step video tutorials and valuable audio sidebars. Way more than just a book, this is all the help you'll ever need...where you want, when you want! Learn Fast, Learn Easy! Using web, video, and audio · Show Me video walks through tasks you've just got to see—including bonus advanced techniques · Tell Me More audio delivers practical insights straight from the experts · Let Me Try It tasks break down the complex into easy-to-follow, step-by-step sequences James Pyles is a consultant, author, editor, and technical writer. He has worked as a support technician for a city government IT department, a wireless network vendor, and supported a usability lab for Hewlett-Packard (HP)—and so is familiar with technology from a hands-on perspective. His most recent book is PC Technician Street Smarts 2nd Edition (Sybex, October 2009), completely updated for the 2009 version of the A+ exams. He's also written MCTS: Microsoft Office SharePoint Server 2007 Configuration Study Guide: Exam 70-630 (Sybex, March 2008) and SharePoint 2007: The Definitive Guide (O'Reilly, September 2007). In addition, James regularly contributes to Linux Pro Magazine and occasionally writes for Ubuntu User Magazine.

In today's world where technology impacts every aspect of life, you need to know how to evaluate devices, choose apps, maintain a professional online reputation, and ensure digital security. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2018, INTRODUCTORY offers the insights to help. This book goes beyond the intuitive how-to of apps and social media to delve into broad concepts that are guiding current technologies such as self-driving cars, virtual reality, file sharing torrents, encrypted communications, photo forensics, and the Internet of Things. Numerous illustrations and interactive features make mastering technical topics a breeze, while the book's proven learning path is structured with today's busy reader in mind. This edition offers an insightful overview of what today's readers must know about using technology to complete an education, secure a successful career, and engage in issues that shape today's world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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manipulation procedures to be easily scripted. One of The GIMP's strengths is its free availability from many sources for many operating systems. Most GNU/Linux distributions include The GIMP as a standard application. The GIMP is also available for other operating systems such as Microsoft Windows or Apple's Mac OS X (Darwin). This manual is available online for free at <https://www.gimp.org/docs>.

The best resource on the very latest for Ubuntu users! Ubuntu is a free, open-source, Linux-based operating system that can run on desktops, laptops, netbooks, and servers. If you've joined the millions of users around the world who prefer open-source OS-and Ubuntu in particular-this book is perfect for you. It brings you the very latest on Ubuntu 10.04, with pages of step-by-step instruction, helpful tips, and expert techniques. Coverage Includes: The Ubuntu Linux Project Installing Ubuntu Installing Ubuntu on Special-Purpose Systems Basic Linux System Concepts Using the GNOME Desktop Using the Compiz Window Manager Managing E-Mail and Personal Information with Evolution Surfing the Web with Firefox Migrating from Windows Systems Sending and Receiving Instant Messages Using Command-Line Tools Working with Text Files Creating and Publishing Documents Other Office Software: Spreadsheets and Presentations Working with Graphics Working with Multimedia Consumer Electronics and Ubuntu Adding, Removing, and Updating Software Adding Hardware and Attaching Peripherals Network Configuration and Security Going Wireless Software Development on Ubuntu Using Virtual Machines and Emulators Connecting to Other Systems File Transfer and Sharing Managing Users, Groups, and Authentication Backing Up and Restoring Files Setting Up a Web Server Setting Up a Mail Server Setting Up a DHCP Server Setting Up a DNS Server Setting Up a Print Server Setting Up an NFS Server Up a Samba Server Updating your Ubuntu? Ubuntu Linux Bible, Third Edition, is the book you need to succeed!

digikam is an immensely powerful photo management application, and mastering it requires time and effort. This book can help you to learn the ropes in the most efficient manner. Instead of going through each and every menu item and feature, the book provides a task-oriented description of digiKam's functionality that can help you to get the most out of this versatile tool. The book offers easy-to-follow instructions on how to organize and manage photos, process RAW files, edit images and apply various effects, export and publish photos, and much more. Featuring the latest changes in Fedora Core, this book offers valuable new secrets for Fedora users, including yum, mail filtering with SpamAssassin, mandatory access control with Security Enhanced Linux (SELinux), and improved device handling with udev Demonstrates how to use Linux for real-world tasks, from learning UNIX commands to setting up a secure Java-capable Web server for a business Because Fedora Core updates occur frequently, the book contains a helpful appendix with instructions on how to download and install the latest release of Fedora Core The DVD contains the Fedora distribution as well as all binary code packages and source code

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