

Learn Use Linux Made Easy Home Office On The Go

8 mini books chock full of Linux! Inside, over 800 pages of Linux topics are organized into eight task-oriented mini books that help you understand all aspects of the latest OS distributions of the most popular open-source operating system in use today. Topics include getting up and running with basics, desktops, networking, internet services, administration, security, scripting, Linux certification, and more. This new edition of Linux All-in-One For Dummies has a unique focus on Ubuntu, while still including coverage of Debian, Red Hat, SuSE, and others. The market is looking for administrators, and part of the qualifications needed for job openings is the authentication of skills by vendor-neutral third parties (CompTIA/Linux Professional Institute)—and that's something other books out there don't address. Install and configure peripherals, software packages, and keep everything current Connect to the internet, set up a local area network (including a primer on TCP/IP, and managing a local area network using configuration tools and files) Browse the web securely and anonymously Get everything you need to pass your entry-level Linux certification exams This book is for anyone getting familiar with the Linux OS, and those looking for test-prep content as they study for the level-1 Linux certification!

Appropriate for anyone seeking to become a productive Linux user, this package consists of a CD-ROM tutorial and a lab/reference manual. Students learn by doing using the CD-ROM tutorial, which is filled with hands-on Linux simulations aimed at helping readers become proficient with Linux shell concepts, login/logout, file access privileges, commands, file structure, tools, error messages, security, shell scripts and more. A complete Linux tutorial is also included.

Are you looking for a complete guide which enables you to use Linux and manage shell Linux like a pro? Are you struggling to navigate among all the Linux distributions out there and finding hard to define the best one for your needs? Do you want to evaluate your learning level step by step? Linux is without doubt the most powerful operating system in the world. Yes, you may think Windows and macOS are powerful operating systems owing to the fact that they control much of the PC market but I have some stats that will change your perspective: As of 2019 100% of the world's supercomputers run on Linux 23 of the top 25 websites in the world run on Linux 96.3% of the world's top 1 million servers run on Linux 90% of the world's cloud infrastructure operates on Linux All the best cloud hosts run on Linux I believe you now appreciate just how Linux is not really given as much credit for running the world behind the scenes and have even greater motivation to learn it. The book discusses the ins and outs of Linux in a beginner friendly style to make your learning process frustration free, as the book does not assume you know anything about Linux. More precisely, this book will teach you: The basics, including what an operating system is, what Linux is, how it has evolved over the years, how Linux works, the architecture of Linux, files hierarchy in Linux as well as the system architecture in Linux Benefits of using Linux as an operating system Linux distributions, including how to choose a distribution from the different distributions available, depending on your unique needs How to use Linux text editors How to install Linux on Virtual Machines on Windows 10 How to install Linux on Virtual Machines on macOS The concept of shells in Linux, including what is a shell, how to gain access to the shell, the different types of shell, shell scripting along with basic command line editing How to unleash the full power of different commands in Linux to maximize your user experience How to set up access levels and assign users different privileges in Linux, including the different types of users in Linux and more How to make the most use of Linux for network administration Some great Linux alternatives to some of the popular Windows Applications And much more Even if you've never used Linux before but want to learn it, to add it to your skillset and possibly start using it for networking, programming or even just simple web browsing, you will find this book helpful. Lucky for you, the book takes an easy to follow, beginner friendly approach to introduce you everything, beginner or advanced, to ensure you start applying what you learn right away. PS: To help you learn even faster, there is a quiz at the end of every chapter along with answers shortly after to help you test your understanding of the concepts you will have learned in that chapter. If you want to learn Linux but don't know where to start... Click Buy Now With 1-Click or Buy Now to get started!

Approaching its subject from a multitude of angles, this book provides an insight into the nature of culinary taste as expressed in commercial restaurant settings. The influence on culinary taste by a variety of factors, including the media, gender issues, health issues, marketing and geography, is explored, and the way that these factors can be translated into successful business in industry is considered.

Many corporations are finding that the size of their data sets are outgrowing the capabilities of their systems to store and process them. The data is becoming too big to manage and use with traditional tools. The solution: implementing a big data system. As Big Data Made Easy: A Working Guide to the Complete Hadoop Toolset shows, Apache Hadoop offers a scalable, fault-tolerant system for storing and processing data in parallel. It has a very rich toolset that allows for storage (Hadoop), configuration (YARN and ZooKeeper), collection, processing (Storm, Pig, and Map Reduce), scheduling (Oozie), moving (Sqoop and Avro), monitoring (Chukwa, Ambari, and Hue), testing (Big Top), and analysis (Hive). The problem is that the Internet offers IT pros wading into big data many versions of the truth and some outright falsehoods born of ignorance. What is needed is a book just like this one: a wide-ranging but easily understood set of instructions to explain where to get Hadoop tools, what they can do, how to install them, how to configure them, how to integrate them, and how to use them successfully. And you need an expert who has worked in this area for a decade—someone just like author and big data expert Mike Frampton. Big Data Made Easy approaches the problem of managing massive data sets from a systems perspective, and it explains the roles for each project (like architect and tester, for example) and shows how the Hadoop toolset can be used at each system stage. It explains, in an easily understood manner and through numerous examples, how to use each tool. The book also explains the sliding scale of tools available depending upon data size and when and how to use them. Big Data Made Easy shows developers and architects, as well as testers and project managers, how to: Store big data Configure big data Process big data Schedule processes Move data among SQL and NoSQL systems Monitor data Perform big data analytics Report on big data processes and projects Test big data systems Big Data Made Easy also explains the best part, which is that this toolset is free. Anyone can download it and—with the help of this book—start to use it within a day. With the skills this book will teach you under your belt, you will add value to your company or client immediately, not to mention your career.

A beginner-friendly guide to getting up and running with the world's most powerful operating system

Linux Service Management Made Easy with systemd

A Working Guide to the Complete Hadoop Toolset

Linux Basics for Hackers

Kali Linux

Linux Command Line

A comprehensive guide for teaching system administrators, developers, and security professionals how to create their own systemd units and maintain system security **Key Features**Maintain and troubleshoot systemd services with easeLearn to create, modify, and reload service files and use systemd utilitiesUse cgroups to control resource usage and enhance securityBook Description **Linux Service Management Made Easy with systemd will provide you with an in-depth understanding of systemd, so that you can set up your servers securely and efficiently. This is a comprehensive guide for Linux administrators that will help you get the best of systemd, starting with an explanation of the fundamentals of system management. You'll also learn how to edit and create your own systemd units, which will be particularly helpful if you need to create custom services or timers and add features or security to an existing service. Next, you'll find out how to analyze and fix boot-up challenges and set system parameters. An overview of cgroups that'll help you control system resource usage for both processes and users will also be covered, alongside a practical demonstration on how cgroups are structured, spotting the differences between cgroups Version 1 and 2, and how to set resource limits on both. Finally, you'll learn about the systemd way of performing time-keeping, networking, logging, and login management. You'll discover how to configure servers accurately and gather system information to analyze system security and performance. By the end of this Linux book, you'll be able to efficiently manage all aspects of a server running the systemd init system. What you will learn**Use basic systemd utilities to manage a systemCreate and edit your own systemd unitsCreate services for Podman-Docker containersEnhance system security by adding security-related parametersFind important information with JournaldAnalyze boot-up problemsConfigure system settings with systemdUse aliases to learn more about maintaining and troubleshooting Linux servers. It will also be useful for aspiring administrators studying for a Linux certification exam, developers looking to learn how to create systemd unit files, and security administrators who want to understand the security settings that can be used in systemd units and how to control resource usage with cgroups. Before you dive into this book, you'll need a solid working knowledge of basic Linux commands.

Learn over 116 Linux commands to develop the skills you need to become a professional Linux system administrator **Key Features**Explore essential Linux commands and understand how to use Linux help toolsDiscover the power of task automation with bash scripting and Cron jobsGet to grips with various network configuration tools and disk management techniquesBook Description **Linux is one of the most sought-after skills in the IT industry, with jobs involving Linux being increasingly in demand. Linux is by far the most popular operating system deployed in both public and private clouds; it is the processing power behind the majority of IoT and embedded devices. Do you use a mobile device that runs on Android? Even Android is a Linux distribution. This Linux book is a practical guide that lets you explore the power of the Linux command-line interface. Starting with the history of Linux, you'll quickly progress to the Linux filesystem hierarchy and learn a variety of basic Linux commands. You'll then understand how to make use of the extensive Linux documentation and help tools. The book shows you how to manage users and groups and takes you through the process of installing and managing software on Linux systems. As you advance, you'll discover how you can interact with Linux processes and troubleshoot network problems before learning the art of writing bash scripts and automating administrative tasks with Cron jobs. In addition to teaching you how to create your own Linux commands and analyze various disk management techniques. By the end of this book, you'll have gained the Linux skills required to become an efficient Linux system administrator and be able to manage and work productively on Linux systems. What you will learn**Master essential Linux commands and analyze the Linux filesystem hierarchyFind out how to manage users and groups in LinuxAnalyze Linux file ownership permissionsAutomate monotonous administrative tasks with Cron jobs and bash scriptsUse aliases to learn more about Linux commandsUnderstand how to interact with and manage Linux processesBecome well-versed with using a variety of Linux networking commandsPerform disk partitioning, mount filesystems, and create logical volumesWho this book is for This book doesn't assume any prior Linux knowledge, which makes it perfect for beginners.

Linux Made Easy - A Step by Step Guide **Linux: Fundamental Basics for Absolute Beginners** is a comprehensive guide book that has been specially designed to teach you all about the Linux operating system. Within the chapters of this book, you will discover a copious amount of in-depth information regarding a variety of different Linux topics. This book was written with the intention of being used by those who have very little to no experience in the Linux environment. Because of this, every chapter, tutorial and step is discussed in meticulous detail to ensure you are able to thoroughly understand what you need to do in order to succeed with Linux. With this guidebook, you will be well on your way to becoming the ultimate master at commanding your system to do whatever you need it to do. This guidebook is absolutely essential to anyone who is seeking to learn how to take full advantage of this completely free operating system that offers thousands of free software titles. Get ahead of the curve, today! **What You Will Learn Inside What Exactly is Linux. How to choose and install your first Linux distribution. How to fully customize your system. Basic Linux commands. How to configure a firewall. Over 25 tips and tricks to enhance your experience. What all of the terminology means. And much, much more. Get Your Copy Today!**

Full tips, tricks and tutorials for your desktop, 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. O'Reilly's bestselling book on Linux's bash shell is at it again. Now that Linux is an established player both as a server and on the desktop Learning the bash Shell has been updated and refreshed to account for all the latest changes. Indeed, this third edition serves as the most valuable guide yet to the bash shell.As any good programmer knows, the first thing users of the Linux operating system come face to face with is the shell the UNIX term for a user interface to the system. In other words, it's what lets you communicate with the computer via the keyboard and display. Mastering the bash shell might sound fairly simple but it isn't. In truth, there are many complexities that need careful explanation, which is just what Learning the bash Shell provides.If you are new to shell programming, the book provides an excellent introduction, covering everything from the most basic to the most advanced features. And if you've been writing shell scripts for years, it offers a great way to find out what the new shell offers. Learning the bash Shell is also full of practical examples of shell commands and programs that will make everyday use of Linux that much easier. With this book, programmers will learn: How to install bash as your login shell The basics of interactive shell use, including UNIX file and directory structures, standard I/O, and background jobs Command line editing, history substitution, and key bindings How to customize your shell environment without programming The nuts and bolts of basic shell programming, flow control structures, command-line options and typed variables Process handling, from job control to processes, coroutines and subshells Debugging techniques, such as trace and verbose modes Techniques for implementing system-wide shell customization and features related to system security

Kali Linux Made Easy For Beginners And Intermediates Step By Step With Hands On Projects (Including Hacking And Cybersecurity Basics with Kali Linux)

Linux Administration

Linux

A Project-based Introduction to Linux

Learning Red Hat Enterprise Linux and Fedora

Linux for Beginners

You've experienced the shiny, point-and-click surface of your Linux computer—now dive below and explore its depths with the power of the command line. The Linux Command Line takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to: * Create and delete files, directories, and symlinks * Administer your system, including networking, package installation, and process management * Use standard input and output, redirection, and pipelines * Edit files with Vi, the world's most popular text editor * Write shell scripts to automate common or boring tasks * Slice and dice text files with cut, paste, grep, patch, and sed Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust. A featured resource in the Linux Foundation's "Evolution of a Sysadmin"

This book offers readers an idea of what embedded Linux software and hardware architecture looks like, cross-compiling, and also presents information about the bootloader and how it can be built for a specific board. This book will go through Linux kernel features and source code, present information on how to build a kernel source, modules, and the Linux root filesystem. You'll be given an overview of the available Yocto Project components, how to set up Yocto Project Eclipse IDE, and how to use tools such as Wic and Swabber that are still under development. It will present the meta-realtime layer and the newly created meta-cgl layer, its purpose, and how it can add value to poky.

One of the fastest ways to learn Linux is with this perennial favorite! Eight previous top-selling editions of Linux For Dummies can't be wrong. If you've been wanting to migrate to Linux, this book is the best way to get there. Written in easy-to-follow, everyday terms, Linux For Dummies 9th Edition gets you started by concentrating on two distributions of Linux that beginners love: the Ubuntu LiveCD distribution and the gOS Linux distribution, which comes pre-installed on Everex computers. The book also covers the full Fedora distribution. Linux is an open-source operating system and a low-cost or free alternative to Microsoft Windows; of numerous distributions of Linux, this book covers Ubuntu Linux, Fedora Core Linux, and gOS Linux, and includes them on the DVD. Install new open source software via Synaptic or RPM package managers Use free software to browse the Web, listen to music, read e-mail, edit photos, and even run Windows in a virtualized environment Get acquainted with the Linux command line If you want to get a solid foundation in Linux, this popular, accessible book is for you. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Have you ever wanted to become a Linux System Administrator? Or did you want to learn more about the operating system? If you answered yes to these questions, you have come to the right place. The motive of this book is to get you well versed with the Linux operating system and the profile known to the world as Linux System Administration. A Linux system admin is basically a superhero who owns the servers of an organization and makes sure that they never go down. Servers in an organization contain user data, which is the most important thing in the modern world. Loss of data can result in huge losses for an organization and even lawsuits. Over the course of the book, you will gather information about the following: This book will prepare you with the knowledge that is essential to enter the field of Linux system administration. You will learn about the operating system called Red Hat Enterprise Linux 7 and how to install it. After installing you will learn the tasks that are essential for a system in their day-to-day life. You will learn about the command line in Linux, which is used extensively by system admins to perform tasks using important commands. You will further get to know about the Linux File System (Linux) directories and symlinks in the Linux operating system. You will also understand how processes work in the Linux system and how you can use commands and signals to manage system processes as well as processes started manually. You will learn about SSH, which is one of the most used tools in Linux systems to create secure connections between two Linux systems on a private network or over the Internet. You will study how to analyze logs in the Linux system and how to read them to understand errors and how to fix those errors. And much more ! All in all, the book is aimed at preparing you to enter the world of Linux system administration such that you can pursue a career in an organization, which demand this role on a very large scale.

Summary Learn Linux in a Month of Lunches shows you how to install and use Linux for all the things you do with your OS, like connecting to a network, installing software, and securing your system. Whether you're just curious about Linux or have to get up and running for your job, you'll appreciate how this book concentrates on the tasks you need to know how to do in 23 easy lessons. About the Technology If you've only used Windows or Mac OS X, you may be daunted by the Linux operating system. And yet learning Linux doesn't have to be hard, and the payoff is great. Linux is secure, flexible, and free. It's less susceptible to malicious attacks, and when it is attacked, patches are available quickly. If you don't like the way it looks or behaves, you can change it. And best of all, Linux allows users access to different desktop interfaces and loads of software, almost all of it completely free. About the Book Learn Linux in a Month of Lunches shows you how to install and use Linux for all the things you do with your OS, like connecting to a network, installing software, and securing your system. Whether you're just curious about Linux or need it for your job, you'll appreciate how this book focuses on just the tasks you need to learn. In easy-to-follow lessons designed to take an hour or less, you'll learn how to use the command line, along with practical topics like installing software, customizing your desktop, printing, and even basic networking. You'll find a road map to the commands and processes you need to be instantly productive. What's Inside Master the command line Learn about file systems Understand desktop environments Go from Linux novice to expert in just one month About the Reader This book is for anyone looking to learn how to use Linux. No previous Linux experience required. About the Author Steven Ovadia is a professor and librarian at LaGuardia Community College, CUNY. He curates The Linux Setup, a large collection of interviews with desktop Linux users, and writes for assorted library science journals. Table of Contents PART 1 – GETTING LINUX UP AND RUNNING Before you begin Getting to know Linux Installing Linux Getting to know your system Desktop environments Navigating your desktop PART 2 – A HOME OFFICE IN LINUX Installing software An introduction to Linux home/office software Text files and editors Working with files and folders on the command line Working with common command-line applications, part 1 Working with common command-line applications, part 2 Using the command line productively Explaining the Linux filesystem hierarchy Windows programs in Linux Establishing a workflow PART 3 – HOME SYSTEM ADMIN ON LINUX An in-depth look at package management and maintenance Updating the operating system Linux security Connecting to other computers Printing Version control for non-programmers Never the end

A Complete Introduction

UNIX Made Easy

Learn Linux Quickly

Ubuntu Made Easy

Learn Raspberry Pi with Linux

Robot Operating System (ROS) for Absolute Beginners

Are you even aware of the fact that you are using Linux almost every day? Are you thinking that you have no inkling of the Linux Operating System? Well... this is not the fact. You use it every day without even realizing it. The Linux servers are responsible for running Facebook, Twitter and even Google. It is also the operating system on which various other major internet sites run. Linux is quite synonymous with the cloud. If you intend to work on cloud-based projects, it is always good to learn Linux, especially the essentials. Following are some of the things that run on Linux: Android tablets and phones. CERN, which is the largest Physics laboratory of the world. The Japanese high-speed rail. The New York Stock Exchange. 94% of the supercomputers in the world. Air traffic control systems. Nuclear submarines. The basic system or kernel of all the Linux distributions is the same but the look and feel, besides the software ecosystem are quite different from one another. The best way one can learn Linux is by using it. Also, with the help of a good eBook, one can understand the basics very well. A complete guide to start is: "Linux for beginners: The easy beginner's guide to introduce and use Linux operating system. How to make an easy installation, configuration, learn basics commands, fundamentals and technical overview" by Matthew Python. Linux for Beginners is specially compiled and designed for beginners who want to start learning Linux and perform better in their jobs and organizations. There is a special emphasis on the Linux switches and commands, services and applications, scripting, access control and much more. Here's what you'll learn: What is Linux? History; differences with other operating systems; from Unix to Linux; Linux Distros; etc. Getting started with Linux Download; install; configure; how to add Graphical user interface; how to add additional software; Troubleshooting; etc. Internet with Linux Choosing an SSH Client; Connecting via SSH with a password from various OS; Importing and generating SSH Keys on various OS; Connecting via Telnet; Connecting Directly. Welcome to Shell Shell history; The bash shell; The Shell commands; assemble shell commands. Essential Commands used in Linux Available features of Linux's Would you like to know more? Scroll up and add to cart "Linux for beginners" by Matthew Python!

You are about to discover how to start hacking with the #1 hacking/penetration testing tool, Kali Linux, in no time, even if you've never hacked before! Kali Linux is the king of all penetration testing tools out there. But while its 600+ pre-installed tools and utilities are meant to make penetration testing and forensics easy, at first, it can be overwhelming for experienced and aspiring security professionals to decide which tool to use to conduct a specific penetration test. That's where this book comes in to streamline your learning experience! If you are uncertain about where to begin even after reading and watching tons of free information online, this book will give you the much needed structure to go all in into the world of ethical hacking into secure computer systems with the best tool for the job. Since its introduction in 2012 as a successor to the previous version, Back Track Linux, Kali Linux has grown in popularity and capabilities to become the go-to open source security tool for information security professionals around the world. And this book will show you how to use it like the pro use it even if you've never stepped into a formal Kali Linux class before! In this book, we are going to cover the major features & tools provided by Kali Linux, including: Downloading, installation and set up Information gathering tools Vulnerability assessment Wireless attacks Web application attacks Exploitation tools Forensics tools Sniffing and spoofing Password cracking Maintaining access Social engineering tools Reverse engineering tools Hardware hacking tools Reporting tools Denial of service attacks And much more! We shall cover each of these features & tools individually so that after reading this guide, you have hands-on experience with using Kali Linux and can use what you learn when completing the hands-on Kali Linux practice project found in the part 17 of this guide. To make the learning experience faster and easier for you, for this hands-on, Kali Linux guide, we may have to install some other tools needed to make it easier to learn how to use Kali Linux for penetration testing and cyber security forensics. Everything is laid out with easy to follow examples and illustrations to help you to follow through, practice and ultimately remember whatever you are learning! What are you waiting for? Click Buy Now In 1-Click or Buy Now at the top of this page to get started!

Want to learn a new skill? Expand the technology that you work with? This book covers the basics of understanding how to use Linux. We will use Ubuntu 14.04 LTS to learn multiple fundamentals in using Linux and later will go through the process of creating a web server. 80% of websites are driven by Linux servers. Understanding the basics and expanding upon this will provide great career opportunities and a great skill as well. We start simple and the reader does not need any prior knowledge. We will make baby steps and slowly work ourselves up to configuring the Ubuntu Server to be a functional web server. There will still be much to learn, but within a few hours you can have your own Linux server setup, understand the basics, and also have WordPress loaded into it. We cover installing packages, creating files in nano, LAMP stack, and try to do so in a practical way so that you can finish this guide with something to show off.

If you want to learn how to use Linux, but don't know where to start then keep reading. The truth is: Shifting to the Linux operating system is quite a daunting task, especially for long-time Windows users. They get accustomed to doing things in a certain way and cannot make changes easily. Windows users face a lot of challenges when they start using Mac OS X for the first time. Thus, if there is a guide available in the market in the form of an eBook, it is always good to use it. Linux is the best operating system for any kind of cloud-based project, it is always good to learn some amount of Linux and its basics. Almost every technology-based things run on Linux now. Some of the things that are dependent on Linux are: ● Most of the supercomputers in the world. ● Some of the stock exchanges like the NYSE. ● The air traffic control systems. ● Android phones and tablets. ● CERN or the largest particle physics lab in the world. ● The high-speed rails in Japan. There are many reasons why Linux is used instead of Windows whereas quite a good number of Linux distributions are created only for older hardware and can be updated regularly. ● Some of the desktop and Linux distribution environments are more used to the traditional uses of computer users besides Windows 8 and Windows 10. ● The download size for Windows 10 is huge. Usually, Linux distribution is available at just over 2 GB, 1 gigabyte. ● Linux is available with free software and that can be changed anytime. ● Linux is always safer than Windows. ● Linux is also a better performer than Windows. ● Linux can be made to feel look and behave exactly in the same way as the user wants. Windows is only compliant with the way Microsoft wants it to be. There are several other advantages of Linux over Windows, which every beginner should know and that is what the eBook helps with. You will also learn: ● Getting started ● Linux installation ● Linux application ● Becoming a Linux power user ● Using the Shell ● How to use Linux desktop ● Working with the Command Line ● essential Linux commands ● net-tools ● ltop, iftop, hotp ● Tips and tricks Even if you are a beginner and you've never used Linux, you will learn it quickly. Would you like to know more? Scroll to the top of the page and select the buy now button.

Do You Want to Master The Linux Operating System? Would You Like to Start Leveraging The Command Line System Fast and Easily? If your answer yes, but you have no programming experience, then this book will provide the basic knowledge and tools you need to become a successful programmer with Linux Operating System! As an operating system, Linux is very efficient and has an excellent design. It is multitasking, multi-user, multi-platform and multiprocessing; on Intel platforms run in protected mode. It protects the memory so that a program cannot bring down the rest of the system. It loads only the parts of a program that are used and shares memory between programs increasing speed and decreasing memory usage. In The Linux Programming Bible, you'll discover everything you need to know to master shell scripting and make informed choices about the elements you employ. Here is what you'll learn from this groundbreaking book- Step-by-step instructions to set up and install Debian/GNU Linux Install virtual machines All about the Shell The Linux Directory Structure Write scripts that use AWK to search and reports on log files All the Linux commands you'll use most often Directory Hierarchy How to install your first few useful software on Linux System Configuration The Structure of /etc Environment Variables And Much More! This book is for anyone getting familiar with the Linux OS, and those looking for test-prep content as they study for the level-1 Linux certification! Whether you're a novice that wants to get up to speed using Linux or you're a power user looking for a reference guide with tips to help you become more productive faster than you could have imagined. Click the "Buy Now" button to get started with Linux right away!

The Linux Command Line

Learning the bash Shell

Python for Unix and Linux System Administration

Unix Shell Programming

Learning Ubuntu

A Pain-Free, Get-Things-Done Guide

CD-ROM contains: Electronic version of text in HTML format

Provides information on using the latest Ubuntu release, covering such topics as installation, customizing the GNOME panel, installing applications, using printers and scanners, connecting to the Internet, using multimedia, and security.

If you want to learn how to use Linux and level up your career but are pressed for time, read on.As the founder of the Linux Training Academy and an instructor of several courses, I've had the good fortune of helping thousands of people hone their Linux skills. Interacting with so many people who are just getting started with the Linux operating system has given me invaluable insight into the particular struggles and challenges people face at this stage. One of the biggest challenges for people interested in learning the ins and outs of Linux is simply a lack of time. When you are working with a limited and extremely valuable resource you want to make sure you make the most of it. The next biggest challenge for Linux newcomers is knowing where to start. There is so much information available that deciding what to focus your attention on first is a big enough hurdle to keep many people from even starting. What's worse is starting down the path of learning only to discover too many concepts, commands, and nuances that aren't explained. This kind of experience is frustrating and leaves you with more questions than answers.That's why I've written this book.Not only have I condensed the most important material into five sections, each designed to be consumed in a day, I've also structured the content in a logical and systematic manner. This way you'll be sure to make the most out of your time by learning the foundational aspects of Linux first and then building upon that foundation each day.In Learn Linux in 5 Days you will learn the most important concepts and commands, and be guided step-by-step through several practical and real-world examples. As new concepts, commands, or jargon are encountered they are explained in plain language, making it easy to understand.Here is what you will learn by reading Learn Linux in 5 Days: How to get access to a Linux server if you don't already. What a Linux distribution is and which one to choose. What software is needed to connect to Linux from Mac and Windows computers. Screenshots included. What SSH is and how to use it, including creating and using SSH keys. The file system layout of Linux systems and where to find programs, configurations, and documentation. The basic Linux commands you'll use most often. Creating, renaming, moving, and deleting directories. Listing, reading, creating, editing, copying, and deleting files. Exactly how permissions work and how to decipher the most cryptic Linux permissions with ease. How to use the nano, vi, and emacs editors. Two methods to search for files and directories. How to compare the contents of files. What pipes are, why they are useful, and how to use them. How to compress files to save space and make transferring data easy. How and why to redirect input and output from applications. How to customize your shell prompt. How to be efficient at the command line by using aliases, tab completion, and your shell history. How to schedule and automate jobs using cron. How to switch users and run processes as others. Where to go for even more in-depth coverage on each topic. What you learn in Learn Linux in 5 Days applies to any Linux environment including Ubuntu, Debian, Linux Mint, RedHat, Fedora, OpenSUSE, Slackware, and more.Scroll up, click the Buy Now With 1 Click button and get started learning Linux today!

Learn Raspberry Pi with Linux will tell you everything you need to know about the Raspberry Pi's GUI and command line so you can get started doing amazing things. You'll learn how to set up your new Raspberry Pi with a monitor, keyboard and mouse, and you'll discover that what may look unfamiliar in Linux is really very familiar. You'll find out how to connect to the internet, change your desktop settings, and you'll get a tour of installed applications. Next, you'll take your first steps toward being a Raspberry Pi expert by learning how to get around at the Linux command line. You'll learn about different shells, including the bash shell, and commands that will make you a true power user. Finally, you'll learn how to create your first Raspberry Pi projects: Making a Pi web server, run LAMP on your own network.Making your Pi wireless: remove all the cables and retain all the functionality.Making a Raspberry Pi-based security cam and messenger service: find out who's dropping by.Making a Pi media center: stream videos and music from your Pi.Raspberry Pi is awesome, and it's Linux. And it's awesome because it's Linux. But if you've never used Linux or worked at the Linux command line before, it can be a bit daunting. Raspberry Pi is an amazing little computer with tons of potential. And Learn Raspberry Pi with Linux can be your first step in unlocking that potential.

Advanced techniques to effectively manage, control, and monitor Linux systems and services

Learning Embedded Linux Using the Yocto Project

The Official Guide to Xandros 3 for Everyday Users

The Ultimate Beginners Guide to Learn Linux Step by Step

The Easy Beginner's Guide to Introduce and Use Linux Operating System. How to Make an Easy Installation, Configuration, Learn Basics Commands, Fundamentals and Technical Overview.

Learn & Use Linux Made Easy

This is a highly accessible guide to the complex and highly customisable operating system Linux. Featuring step-by-step guides on a variety of topics, including Linux firewalls and setting up your wireless network as well as how to choose and set up your distro. It is ideal for anyone keen to get to grips with the basics of Linux.

Learn how to get started with robotics programming using Robot Operating System (ROS). Targeted for absolute beginners in ROS, Linux, and Python, this short guide shows you how to build your own robotics projects. ROS is an open-source and flexible framework for writing robotics software. With a hands-on approach and sample projects, Robot Operating System for Absolute Beginners will enable you to begin your first robot project. You will learn the basic concepts of working with ROS and begin coding with ROS APIs in both C++ and Python. What You'll Learn Install ROS Review fundamental ROS concepts Work with frequently used commands in ROS Build a mobile robot from scratch using ROS Who This Book Is For Absolute beginners with little to no programming experience looking to learn robotics programming.

Python is an ideal language for solving problems, especially in Linux and Unix networks. With this pragmatic book, administrators can review various tasks that often occur in the management of these systems, and learn how Python can provide a more efficient and less painful way to handle them. Each chapter in Python for Linux and Linux System Administration presents a particular administrative issue, such as concurrency or data backup, and presents Python solutions through hands-on examples. Once you finish this book, you'll be able to develop your own set of command-line utilities with Python to tackle a wide range of problems. Discover how this language can help you: Read text files and extract information Run tasks concurrently using the threading and forking options Get information from one process to another using network facilities Create clickable GUIs to handle large and complex utilities Monitor large clients and manage machines by interacting with SNMP programmatically Master the IPython Interactive Python shell to replace or augment Bash, Korn, or Z-Shell Integrate Cloud Computing into your infrastructure, and learn to write a Google App Engine Application Solve unique data backup challenges with customized scripts Interact with MySQL, SQLite, Oracle, Postgres, Django ORM, and SQLAlchemy With this book, you'll learn how to package and deploy your own Python applications and libraries, and write code that runs equally well on multiple UNIX platforms. You'll also learn how to use various Python-related technologies that will make your life much easier. You will discover how to discover with the #1 hacking/penetration testing tool, Kali Linux, in no time, even if you've never hacked before! Kali Linux is the king of all penetration testing tools out there. But while its 600+ pre-installed tools and utilities are meant to make penetration testing and forensics easy, at first, it can be overwhelming for experienced and aspiring security professionals to decide which tool to use to conduct a specific penetration test. That's where this book comes in to streamline your learning experience! If you are uncertain about where to begin even after reading and watching tons of free information online, this book will give you the much needed structure to go all in into the world of ethical hacking into secure computer systems with the best tool for the job. Since its introduction in 2012 as a successor to the previous version, Back Track Linux, Kali Linux has grown in popularity and capabilities to become the go-to open source security tool for information security professionals around the world. And this book will show you how to use it like the pro use it even if you've never stepped into a formal Kali Linux class before! In this book, we are going to cover the major features & tools provided by Kali Linux, including: Downloading, installation and set up Information gathering tools Vulnerability assessment Wireless attacks Web application attacks Exploitation tools Forensics tools Sniffing and spoofing Password cracking Maintaining access Social engineering tools Reverse engineering tools Hardware hacking tools Reporting tools Denial of service attacks And much more! We shall cover each of these features & tools individually so that after reading this guide, you have hands-on experience with using Kali Linux and can use what you learn when completing the hands-on Kali Linux practice project found in the part 17 of this guide. To make the learning experience faster and easier for you, for this hands-on, Kali Linux guide, we may have to install some other tools needed to make it easier to learn how to use Kali Linux for penetration testing and cyber security forensics. Everything is laid out with easy to follow examples and illustrations to help you to follow through, practice and ultimately remember whatever you are learning!

Web Site Design Made Easy teaches the basics of web design. While it does assume that students spend at least some time viewing web pages on the Internet and have basic computer skills, it assumes no other knowledge on their part. Not only will they learn to plan and create a working website, but they will discover many of the "tricks" that take a website from basic to cool and useful. Web design is a broad area that can encompass many things: coding knowledge, graphic design, copywriting, page layout, and more-even server software programming. One book cannot teach it all. This book mainly focuses on teaching HTML coding and formatting using CSS, utilizing both IBM Windows and Macintosh. Other areas are touched upon, but these basic skills will carry your student a long way toward their goal of website design. This book is a complete rewrite from previous editions. It has been updated to the latest versions HTML (version 4.01) and CSS (version 2.1). The lessons teach web design that is XHTML compliant, and students can learn how to make a purely XHTML web page. CSS, cascading style sheets, has been given an extremely thorough treatment with three chapters dedicated to the subject, along with it being referenced throughout the book.Dennis Gaskill, a.k.a. Boogie Jack, is one of the most popular web page designers on the web. Students will enjoy his humor and they will love his book! Boogie Jack has received thousands of testimonials from his monthly Almost a Newsletter subscribers, confirming what a great job he does instructing them to create web sites.

The Fast and Easy Beginner's Guide to Learn Linux Basics in 7 Easy Steps

Linux Made Easy

Big Data Made Easy

Learn Linux in 5 Days

A Practical and Comprehensive Guide to Learn Linux Operating System and Master Linux Command Line. Contains Self-Evaluation Tests to Verify Your Learning Level

Addison Wesley's Interactive Linux Tutorial and Reference

Your **step-by-step** guide to the latest in **Linux Nine** previous editions of this popular benchmark guide can't be wrong! Whether you're new to Linux and need a **step-by-step** guide or are a pro who wants to catch up with recent distributions, **Linux For Dummies**, 10th Edition has your back. Covering everything from installation to automation, this updated edition focuses on **openSUSE** and **Ubuntu** and includes new and refreshed material—as well as chapters on building a web server and creating simple shell scripts. In his friendly, no-jargon style, IT professional and tech higher education instructor Richard Blum draws on more than 10 years of teaching to show you just why Linux's open source operating systems are relied on to run a huge proportion of the world's online infrastructure, servers, supercomputers, and NAS devices—and how you can master them too. Study the thinking behind Linux Choose the right installation approach Pick up the basics—from prepping to desktops Get fancy with music, video, movies, and games Whatever your Linux needs—work, fun, or just a hobby—this bestselling, evergreen guide will get you up and coding in the open source revolution in no time at all.

Learn The Linux Operating System and Command Line Today With This Easy Step-By-Step Guide! Do you want to learn the Linux Operating System and Command Line?Do you want to learn Linux in a style and approach that is suitable for you, regardless of your experience?If so, "LINUX: Easy Linux For Beginners, Your Step-By-Step Guide To Learning The Linux Operating System And Command Line" by Felix Alvaro is THE book for you! It covers the most essential topics you must learn to become a master of Linux.Linux is a extremely powerful operating system that whilst not the most popular amongst everyday users, 98.8% of the world's fastest computers and systems use the Linux kernel. If they are using it, then why shouldn't you?Aside from personally using it on your own computer, the demand for Linux administrators has been characteristically high ever since big companies adopted the open-source operating system for their servers. What Separates This Book From The Rest? What separates this book from all the others out there is the approach to teaching. A lot of the books you will stumble upon simply throw information at you, leaving you confused and stuck.We believe that books of this nature should be easy to grasp and written in jargon-free English you can understand, making you feel confident and allowing you to grasp each topic with ease.To help you achieve this, the guide has been crafted in a step-by-step manner which we feel is the best way for you to learn a new subject, one step at a time. It also includes various images to give you assurance you are going in the right direction, as well as having exercises where you can proudly practice your newly attained skills. You Will Learn The Following: What is Linux? How does Linux compare to other operating Systems? Linux Architecture and Distributions Installing Linux in your PC Get to know Shell, your Desktop and Navigating the File Systems Linux Applications- Office, Multimedia and Imaging Managing Hardware and installing additional Software Using the Linux Command Line Vital Administration and Security Introduction to Scripting And much more! Regardless if you are getting this book to experience using Linux the first time or if you are eyeing to get Linux Professional certifications in the future, buying this book definitely puts you in the right track. I can promise that this book will equip you with the information that you need to get you started and keep you going in your Linux knowledge.So don't delay it any longer. Take this opportunity and invest in this guide now. You will be amazed by the skills you will quickly attain! Download This Guide Now! See you inside!

This practical, tutorial-style book uses the Kali Linux distribution to teach Linux basics with a focus on how hackers would use them. Topics include Linux command line basics, filesystems, networking, BASH basics, package management, logging, and the Linux kernel and drivers. If you're getting started along the exciting path of hacking, cybersecurity, and pentesting, Linux Basics for Hackers is an excellent first step. Using Kali Linux, an advanced penetration testing distribution of Linux, you'll learn the basics of using the Linux operating system and acquire the tools and techniques you'll need to take control of a Linux environment. First, you'll learn how to install Kali on a virtual machine and get an introduction to basic Linux concepts. Next, you'll tackle broader Linux topics like manipulating text, controlling file and directory permissions, and managing user environment variables. You'll then focus in on foundational hacking concepts like security and anonymity and learn scripting skills with bash and Python. Practical tutorials and exercises throughout will reinforce and test your skills as you learn how to: - Cover your tracks by changing your network information and manipulating the rsyslog logging utility - Write a tool to scan for network connections, and connect and listen to wireless networks - Keep your internet activity stealthy using Tor, proxy servers, VPNs, and encrypted email - Write a bash script to scan open ports for potential targets - Use and abuse services like MySQL, Apache web server, and OpenSSH - Build your own hacking tools, such as a remote video spy camera and a password cracker Hacking is complex, and there is no single way in. Why not start at the beginning with Linux Basics for Hackers?

Do you want to take your knowledge of Linux to the next level by learning everything there is to know about Linux command line, so you can "talk directly to your system" and stop relying only on the GUI? And are you looking for a book that is beginner friendly to ensure you don't feel so lost in the examples/illustrations but can follow every everything to actually do the stuff that's mostly reserved for pros that know what they are doing? If you've answered YES, keep reading... You Are About To Enter Into A Path Less Traveled - Linux Command Guide And Become Great At It, Even If You Are A Complete Beginner! Over time, Linux has undergone many changes and has evolved to be the world's most used platform for internet servers. For instance, Amazon and Google run on Linux. As more and more servers and people opt for Linux, it gives rise to the need for most of the tech community to be fluent with it. Fluency with the powerful operating system however means that you have to shun the use of the graphical user interface - what most of the other popular operating systems are based on and switch to the command-line interface. This is the only way to have full control of Linux. This guide will help you learn everything there is to know about the Linux command line and help you familiarize yourself with a wide array of useful commands - all without assuming that you have prior experience with Linux. Based on the fact that you are reading this, it is clear that you too have been caught up with the bug of going mouse-less and you've probably heard of the potential that the Linux Command prompt holds, and you are probably wondering... Which Linux version/distro is best for a beginner? How do I launch Linux Command Line and how do I get started with it? What commands can I run on Linux Command Line and what do they do? What can I do with Linux command line? How do I perfect my craft? If my guess is right, and these are some of the questions preventing you from getting started with Linux Command Line, then this book is what you have to get as it answers the all in a straightforward and beginner-friendly language to allow you to get the most out of Linux Command-Line. With fully explained examples created using the latest and most beginner friendly distribution, you can bet that you will soon have a good grasp of the practical application of commands in automating many of the tasks that you do so often! Whether you are a beginner or an intermediate, you will find this book very useful. Here is what you should expect to find in the book: How to choose a Linux distribution, download it and install it on different operating systems The ins and outs of the Linux Command, Terminal, and Shell and some of the basic commands to get you started How to navigate and understand the Linux Filesystem, including powerful tips you should keep in mind The ins and outs of file and directory manipulation on Linux, including copying, moving, deleting, renaming and much more using Linux commands How to master commands for working with commands How to create custom commands to automate tasks

How to set permissions and run the Linux Command Line as an administrator How to change passwords for user accounts And much more... Even if you've never had any interactions with Linux before, this book will have you wishing you knew what Linux could do earlier! Scroll up and click Buy Now With 1-Click or Buy Now to get started! Do you want to start with Linux operating system in the most effective way? Do you know that you can switch your currently operating system to Linux for a couple of hours? If your answer to these questions is "Yes! ", then this Linux guide will perfectly match to you and all you need to do is to keep reading... LINUX FOR BEGINNERS - The Bible. The Ultimate Beginner's Guide to Learn and Execute Linux Programming, from the Basics to Advanced Content! (Linux Programming, Linux Crash Course, Coding Made Easy Book) is incredibly useful and really understandable step-by-step guide for those who want to start with Linux operating system on their devices and make their computer's activities much easier. This guide will introduce you to the basics of this operating system and you will have the chance to learn how to download and install Linux operating system with matched distribution on your computer, easily and effectively. You will gain knowledge about the beginnings as a Linux user, how to maintenance the software, distributions, applications and so much useful information about the database and security processes. The most important, you will get awesome tips and tricks about how to set up your chosen Linux distribution related to your desires and expectations, and that will represent you the importance of being a Linux user and its benefits. Do you have a problem with using the Linux command line for scripting and coding? So, don't worry anymore. Even if that makes you frustrated, this guide is perfect solution for your headache, and you can easily learn how to use the command line correctly with writing right commands and codes, thanks to picking the right distros if you are a programmer or developer. Also, this guide will precisely teach you why everyone should use the Linux on their computer, like: Step-by-step Linux installation; The importance of using open-source operating system; Picking the right distributions for your needs; Using the Linux command line; Scripting and coding in Linux; The package of applications; The benefits of using Linux operating system; And much more...! Don't over think anymore, just make your needs and expectations a cute reality thanks to this awesome Linux step-by-step guide for how to start with Linux as an operating system and help yourself in the technology world. What are you waiting for? Let's begin your journey! Scroll to the top of the page and get your copy today by clicking the BUY NOW button!

Web Site Design Made Easy: Learn HTML, XHTML, and CSS

Linux System Programming

Kali Linux Made Easy For Beginners And Intermediates Step By Step With Hands on Projects (Including Hacking and Cybersecurity Basics with Kali Linux)

Ubuntu For Non-Geeks, 4th Edition

50 Exercises for Finding Health, Mindfulness, and Balance

A Beginners Guide to Using Linux

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.

A simple guide to Ayurveda that focuses on exercises and remedies to achieve ultimate health, energy, mindfulness, and balance. Practicing Ayurveda, one of the world's oldest holistic healing systems, doesn't need to be complicated. Ayurveda Made Easy contains simple strategies to guide you toward a healthier lifestyle perfectly suited to your needs. Ayurveda works to help you understand your body and achieve your personal ideal balance with a series of exercises, activities, and natural remedies. From dietary suggestions to yoga postures and breathing exercises, each page offers practiced steps to improve your body and keep you calm and mindful every day. With over fifty easy-to-follow exercises, Ayurveda Made Easy takes you one step closer to achieving health, peace, and energy for a balanced life.

Learn & Use Linux Made Easy

If you want to learn how to use Linux, but don't know where to start read on. Knowing where to start when learning a new skill can be a challenge, especially when the topic seems so vast. There can be so much information available that you can't even decide where to start. Or worse, you start down the path of learning and quickly discover too many concepts, commands, and nuances that aren't explained. This kind of experience is frustrating and leaves you with more questions than answers. Linux for Beginners doesn't make any assumptions about your background or knowledge of Linux. You need no prior knowledge to benefit from this book. You will be guided step by step using a logical and systematic approach. As new concepts, commands, or jargon are encountered they are explained in plain language, making it easy for anyone to understand. Here is what you will learn by reading Linux for Beginners: How to get access to a Linux server if you don't already. What a Linux distribution is and which one to choose. What software is needed to connect to Linux from Mac and Windows computers. Screenshots included. What SSH is and how to use it, including creating and using SSH keys. The file system layout of Linux systems and where to find programs, configurations, and documentation. The basic Linux commands you'll use most often. Creating, renaming, moving, and deleting directories. Listing, reading, creating, editing, copying, and deleting files. Exactly how permissions work and how to decipher the most cryptic Linux permissions with ease. How to use the nano, vi, and emacs editors. Two methods to search for files and directories. How to compare the contents of files. What pipes are, why they are useful, and how to use them. How to compress files to save space and make transferring data easy. How and why to redirect input and output from applications. How to customize your shell prompt. How to be efficient at the command line by using aliases, tab completion, and your shell history. How to schedule and automate jobs using cron. How to switch users and run processes as others. Where to go for even more in-depths coverage on each topic. What you learn in "Linux for Beginners" applies to any Linux environment including Ubuntu, Debian, Linux Mint, RedHat, Fedora, OpenSUSE, Slackware, and more. Scroll up, click the Buy Now With 1 Click button and get started learning Linux today!

You are about to discover how to start hacking with the #1 hacking tool, Kali Linux, in no time, even if you've never hacked before! Kali Linux is the king of all penetration testing tools out there. But while its 600+ pre-installed tools and utilities are meant to make penetration testing and forensics easy, at first, it can be overwhelming for experienced and aspiring security professionals to decide which tool to use to conduct a specific penetration test. That's where this book comes in to streamline your learning experience! If you are uncertain about where to begin even after reading and watching tons of free information online, this book will give you the much needed structure to go all in into the world of ethical hacking into secure computer systems with the best tool for the job. Since its introduction in 2012 as a successor to the previous version, Back Track Linux, Kali Linux has grown in popularity and capabilities to become the go-to open source security tool for information security professionals around the world. And this book will show you how to use it like the pros use it even if you've never stepped into a formal Kali Linux class before! In this book, we are going to cover the major features & tools provided by Kali Linux, including: Downloading, installation and set up information gathering tools Vulnerability assessment Wireless attacks Web application attacks Exploitation tools Forensics tools Sniffing and spoofing Password cracking Maintaining access Social engineering tools Reverse engineering tools Hardware hacking tools Reporting tools Denial of service attacks And much more!

Ayurveda Made Easy

Linux: A Complete Guide to Learn Linux Commands, Linux Operating System and Shell Scripting Step-by-Step

Kali Linux Made Easy For Beginners And Intermediates; Step By Step With Hands On Projects (Including Hacking and Cybersecurity Basics with Kali Linux)

Linux Command Line Made Easy

Easy Linux for Beginners, Your Step-By-Step Guide to Learning the Linux Operating System and Command Line

Linux For Dummies

Provides information on using the Xandros 3 version of the Linux operating system, covering such topics as installation, using scanners and printers, downloading software, and using digital cameras.

Rute User's Tutorial and Exposition

The Bible. The Ultimate Beginner's Guide to Learn and Execute Linux Programming, from the Basics to Advanced Content! (Linux Programming, Linux Crash Course, Coding Made Easy Book)

Robotics Programming Made Easy

Unix and Linux Basics & Beyond

Ultimate Beginner's Guide