

Free read Introduction to the command line second edition the fat free guide to unix and linux commands (Read Only)

Command Line Fundamentals The Linux Command Line Introduction to the Command Line (Second Edition) The Linux Command Line, 2nd Edition Command Line Fundamentals The Windows Command Line Beginner's Guide - Second Edition Going Text Efficient Linux at the Command Line In the Beginning...Was the Command Line Working with Linux - Quick Hacks for the Command Line The Mac OS X Command Line The Linux Command Line Beginner's Guide Linux Command Line and Shell Scripting Bible Beginning the Linux Command Line Introduction to the Command Line (Third Edition) Windows Administration at the Command Line for Windows Vista, Windows 2003, Windows XP, and Windows 2000 The CLI Book Working with Linux - Quick Hacks for the Command Line Windows Terminal Tips, Tricks, and Productivity Hacks Windows Command Line Self-Study Training Kit Learning the Git Bash Shell Command-Line Rust Data Science at the Command Line Linux Linux Command Line Made Easy Hands-On Data Science with the Command Line Efficient Linux at the Command Line Windows User's Guide to DOS From Bash to Z Shell Fundamentals of Linux Linux Command Line Windows 10 at the Command-line Part II Computing with the Raspberry Pi Windows Command Line: The Personal Trainer for Windows 8.1 Windows Server 2012 and Windows Server 2012 R2 Take Control of the Mac Command Line with Terminal, 3rd Edition

Linux Command Line Linux Command Line and Shell Scripting Bible Small, Sharp Software Tools Linux Command Line and Shell Scripting Techniques

Command Line Fundamentals

2018-12-24

master shell basics and unix tools and discover easy commands to perform complex tasks with speed
key features learn why the bash shell is widely used on linux and ios explore advanced shell concepts
such as pipes and redirection understand how to use unix command line tools as building blocks for
different tasks book description the most basic interface to a computer the command line remains the
most flexible and powerful way of processing data and performing and automating various day to day
tasks command line fundamentals begins by exploring the basics and then focuses on the most
common tool the bash shell which is standard on all linux and ios systems as you make your way
through the book you ll explore the traditional unix command line programs as implemented by the
gnu project you ll also learn to use redirection and pipelines to assemble these programs to solve
complex problems by the end of this book you ll have explored the basics of shell scripting allowing
you to easily and quickly automate tasks what you will learn use the bash shell to run commands utilize
basic unix utilities such as cat tr sort and uniq explore shell wildcards to manage groups of files apply
useful keyboard shortcuts in shell employ redirection and pipes to process data write both basic and
advanced shell scripts to automate tasks who this book is for command line fundamentals is for
programmers who use gui but want to understand how to use the command line to complete tasks
faster

The Linux Command Line

2012

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

Introduction to the Command Line (Second Edition)

2010-07-12

introduction to the command line is a visual guide that teaches the most important unix and linux shell commands in a simple and straight forward manner command line programs covered in this book are demonstrated with typical usage to aid in the learning process and help you master the command line quickly and easily covers popular unix linux and bsd systems

The Linux Command Line, 2nd Edition

2019-03-05

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 or command line along the way you'll learn the timeless skills handed down by generations of experienced 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

you'll explore the traditional unix command line programs as implemented by the gnu project next you'll learn how to use redirection and pipelines to assemble these programs to solve complex problems you'll also complete the course by exploring the basics of shell scripting that let you automate tasks resource description page

The Windows Command Line Beginner's Guide - Second Edition

2011-09-16

the windows command line beginner's guide gives users new to the windows command line an overview of the command prompt from simple tasks to network configuration in the guide you'll learn how to manage the command prompt copy paste from the windows command prompt create batch files remotely manage windows machines from the command line manage disks partitions and volumes set an ip address and configure other network settings set and manage ntfs and file sharing permissions customize and modify the command prompt create and manage file shares copy move and delete files and directories from the command line manage pdf files and office documents from the command line and many other topics

Going Text

2018-05-16

windows macos gnome guis graphical user interfaces have been the mainstay of home and office computers for nearly 25 years before that there were dos and the unix command lines for most users the mouse and the attractive colorful user interfaces offered were more intuitive and easier to learn that the cryptic keyboard commands needed to do most tasks on text based interfaces for most people guis are still the best way to go still many of us want more performance more efficiency and arguably less complexity that can only be found through the keyboard this book focuses on getting as much as possible done through non graphic non mouse means this means the keyboard and the text mode screen this means working from the command line and through text based non graphical interfaces it could mean working with older hardware but it doesn't have to whether you're running on the newest i9 processor a mac ipad android phone raspberry pi or some kind of remote terminal you can make this happen actually the flexible hardware options are just one more reason to make this switch can you make the switch from a 2000 apple laptop to a 35 raspberry pi well maybe this book is here to help you find out even if it turns out in the end that you don't want to totally switch to text exclusively the tools and tricks you learn here can still be used from within a terminal in any gui system so what do i mean by going text in this context this means we'll be working from a command line using text based unix linux based software we're going to almost entirely quit using the mouse we'll be using these command line tools from within windows macos or linux terminal apps or on other devices by using a terminal program logged into a remote server as i wrote this book my

alternate titles were going command line and going terminal the final product is a bit of a mash up of all three ideas the book will help you get to a command line via one of the following on a mac using terminal or iterm2 and you have homebrew installed on windows 10 using linux subsystem for windows on any pc using linux on windows using putty to ssh to a remote server on any device using a chrome browser and secure shell to ssh to a remote server a smartphone or tablet using some kind of ssh app to connect to a remote server once there we look at package managers tmux ranger and midnight commander as general purpose power tools then get into specific task oriented tools for reading email writing spreadsheet work notes security password management web browsing social media graphics audio video news weather books task management coding web design and more there are conceptual overviews of markdown latex vim and todo txt systems for work

Efficient Linux at the Command Line

2022-02-16

take your linux skills to the next level whether you re a system administrator software developer site reliability engineer or enthusiastic hobbyist this practical hands on book will help you work faster smarter and more efficiently you ll learn how to create and run complex commands that solve real business problems process and retrieve information and automate manual tasks you ll also truly understand what happens behind the shell prompt so no matter which commands you run you can be more successful in everyday linux use and more competitive on the job market as you build intermediate to advanced command line skills you ll learn how to choose or construct commands that

get your work done quickly run commands efficiently and navigate the linux filesystem with ease
build powerful complex commands out of simpler ones transform text files and query them like
databases to achieve business goals control linux point and click features from the command line

In the Beginning...Was the Command Line

2009-10-13

this is the word one man s word certainly about the art and artifice of the state of our computer
centric existence and considering that the one man is Neal Stephenson the hacker Hemingway
Newsweek acclaimed novelist pragmatist seer nerd friendly philosopher and nationally bestselling
author of groundbreaking literary works Snow Crash Cryptonomicon etc etc the word is well worth
hearing mostly well reasoned examination and partial rant Stephenson s *In the Beginning* was the
command line is a thoughtful irreverent hilarious treatise on the cyber culture past and present on
operating system tyrannies and downloaded popular revolutions on the internet Disney World Big
Bangs not to mention the meaning of life itself

Working with Linux - Quick Hacks for the Command Line

2017-05-30

say goodbye to unproductive linux habits and switch to the express lane about this book improve your

terminal and command line productivity by using powerful tools sharpen your existing command line skills and achieve complex tasks faster save time and money by creating customized commands that automate day to day tasks who this book is for this book is for system administrators and developers who know the basics of linux and want to brush up and sharpen their skills prior experience with linux shell is required what you will learn optimize the power of guake by integrating it with clipit deep dive into the workings of the console editor vim explore the advanced concepts and best practices of shell scripting edit large amounts of data quickly using sed use pipes and subshells to create customized commands get to know how you can speed up the software development and make the terminal a handy companion in detail websites online services databases and pretty much every other computer that offers public services runs on linux from small servers to clusters linux is anywhere and everywhere with such a broad usage the demand for linux specialists is ever growing for the engineers out there this means being able to develop interconnect and maintain linux environments this book will help you increase your terminal productivity by using terminator guake and other tools it will start by installing ubuntu and will explore tools and techniques that will help you to achieve more work with less effort next it will then focus on terminator the ultimate terminal and vim one of the most intelligent console editors furthermore the readers will see how they can increase their command line productivity by using sed find tmux network autoenv the readers will also see how they can edit files without leaving the terminal and use the screen space efficiently and copy paste like a pro towards the end we focus on network settings git hacks and creating portable environments for development and production using docker through this book you will improve your terminal productivity by seeing how to use different tools style and approach this book takes a step by step approach using examples that show you how to automate tasks using terminal commands you'll work

through easy to follow instructions so you learn to use the various linux commands and tools such as terminator guake and others

The Mac OS X Command Line

2006-09-18

the mac command line offers a faster easier way to accomplish many tasks it s also the medium for many commands that aren t accessible using the gui the mac os x command line is a clear concise tutorial style introduction to all the major functionality provided by the command line it s also packed with information the experienced users need including little known shortcuts and several chapters devoted to advanced topics this is a book to get you started but also a book you won t soon outgrow

The Linux Command Line Beginner's Guide

2021-01-13

the linux command line beginner s guide gives users new to linux an introduction to the command line environment in the guide you ll learn how to copy move and delete files and directories create delete and manage users create delete and manage groups use virtual terminals use the bash shell safely use the root account with su and sudo change permissions and ownership of files and directories create and edit text files from the command line without using a graphical editor diagnose

network connectivity problems and many other topics

Linux Command Line and Shell Scripting Bible

2015-11-21

advance your understanding of the linux command line with this invaluable resource linux command line and shell scripting bible 4th edition is the newest installment in the indispensable series known to linux developers all over the world packed with concrete strategies and practical tips the latest edition includes brand new content covering understanding the shell writing simple script utilities producing database email scripts creating fun little shell scripts written by accomplished linux professionals christine bresnahan and richard blum linux command line and shell scripting bible 4th edition teaches readers the fundamentals and advanced topics necessary for a comprehensive understanding of shell scripting in linux the book is filled with real world examples and usable scripts helping readers navigate the challenging linux environment with ease and convenience the book is perfect for anyone who uses linux at home or in the office and will quickly find a place on every linux enthusiast's bookshelf

Beginning the Linux Command Line

2023-03-09

this is linux for those of us who don't mind typing all linux users and administrators tend to like the flexibility and speed of linux administration from the command line in byte sized chunks instead of fairly standard graphical user interfaces beginning the linux command line is verified against all of the most important linux distributions and follows a task oriented approach which is distribution agnostic now this second edition of beginning the linux command line updates to the very latest versions of the linux operating system including the new btrfs file system and its management and systemd boot procedure and firewall management with firewalld updated to the latest versions of linux work with files and directories including btrfs administer users and security and deploy firewalld understand how linux is organized to think linux

Introduction to the Command Line (Third Edition)

2007-03-31

introduction to the command line is a visual guide that teaches over 200 the most important linux unix and bsd shell commands in a simple and straight forward manner command line programs covered in this book are demonstrated with typical usage to aid in the learning process and help you master the command line quickly and easily covers over 200 commands for popular linux bsd and unix systems including commercial unix aix hp ux solaris bsd freebsd openbsd netbsd macos the core of macos is based on many bsd components linux redhat fedora debian ubuntu new third edition content new information related to changes to various linux unix and bsd platforms more commands introduction to bash shell scripting a regular expressions primer bonus content command line one

liners new cover artwork improvements to e book formatting

Windows Administration at the Command Line for Windows Vista, Windows 2003, Windows XP, and Windows 2000

2017-11-29

as the only complete reference for windows command line utilities this book take an in depth look at the often overlooked utilities accessible through the command line in windows vista 2003 xp and 2000 you ll learn to locate files check status monitor systems and save time by using scripts to automate time consuming tasks plus this is the only book on the market with the complete set of windows command line utilities including the latest for vista and offers solutions that will help increase your productivity

The CLI Book

2017-05-30

learn everything that makes command line clients such as git and npm so successful and how to compose the best on your own this book is your concise step by step guide to writing command line clients with node js you ll start by discovering what is needed for a successful command line client

and develop a solid foundation for practical skill next you will build an application based on learned principles in node js the sometimes puzzling world of streaming is fully explained with practical examples as well as unit testing and integration testing lastly you ll explore a full range of tips and tricks designed to make the daily life of a software maintainer easier the node js ecosystem provides support for writing command line clients and has a thriving very active community with this book as your guide you ll become a successful creator of your own command line clients make an impact in the areas you really care about using the cli book what you ll learn become a successful creator of your own command line clients and make an impact set your command line tool apart from others prioritize user experience employ best practices to structure and architect your own clients apply tips and tricks collected from years of developing with node js who this book is for those who know some javascript and want to deepen their knowledge especially in the area of cli development

Working with Linux - Quick Hacks for the Command Line

2021-04-30

say goodbye to unproductive linux habits and switch to the express lane about this book improve your terminal and command line productivity by using powerful tools sharpen your existing command line skills and achieve complex tasks faster save time and money by creating customized commands that automate day to day tasks who this book is for this book is for system administrators and developers who know the basics of linux and want to brush up and sharpen their skills prior experience with linux shell is required what you will learn optimize the power of guake by integrating it with clipit deep dive

into the workings of the console editor vim explore the advanced concepts and best practices of shell scripting edit large amounts of data quickly using sed use pipes and subshells to create customized commands get to know how you can speed up the software development and make the terminal a handy companion in detail websites online services databases and pretty much every other computer that offers public services runs on linux from small servers to clusters linux is anywhere and everywhere with such a broad usage the demand for linux specialists is ever growing for the engineers out there this means being able to develop interconnect and maintain linux environments this book will help you increase your terminal productivity by using terminator guake and other tools it will start by installing ubuntu and will explore tools and techniques that will help you to achieve more work with less effort next it will then focus on terminator the ultimate terminal and vim one of the most intelligent console editors furthermore the readers will see how they can increase their command line productivity by using sed find tmux network autoenv the readers will also see how they can edit files without leaving the terminal and use the screen space efficiently and copy paste like a pro towards the end we focus on network settings git hacks and creating portable environments for development and production using docker through this book you will improve your terminal productivity by seeing how to use different tools style and approach this book takes a step by step approach using examples that show you how to automate tasks using terminal commands you'll work through easy to follow instructions so you learn to use the various linux commands and tools such as terminator guake and others

Windows Terminal Tips, Tricks, and Productivity Hacks

2016-12-08

become an efficient command line expert by harnessing the power of the new microsoft windows terminal and learn time saving tricks for powershell wsl2 and more key features customize and optimize your windows terminal and its shellwork effectively on the command line with split panes hotkeys and automation use powershell and wsl2 efficiently to build test and deploy applications book description windows terminal is a new and open source command line application for windows 10 built for the command prompt powershell windows subsystem for linux and more it s fast modern and configurable thanks to its gpu accelerated rendering excellent utf 8 support and json based configurability and this book can help you learn how to leverage these features you ll start by learning the benefits of windows terminal and its open source development as well as how to use the built in tabs panes and key bindings to build your own efficient terminal workflows after you ve mastered windows terminal this book shows how to use and configure powershell core and the windows subsystem for linux within windows terminal you ll maximize your productivity using powerful tools such as psreadline for powershell and zsh on linux and discover useful tips and tricks for common developer tools like git and ssh finally you ll see how windows terminal can be used in common development and devops tasks such as developing frontend javascript applications and backend rest apis and managing cloud based systems like amazon services aws microsoft azure and google cloud by the end of this book you ll not only be well versed with windows terminal but also have learned how to effectively use shells like powershell core and zsh to become proficient at the command line

what you will learn install update and use windows terminal and its preview version customize your windows terminal to be both visually appealing and functional enable and effectively use the latest versions of powershell core and windows subsystem for linux install and configure time saving tools for the command line work efficiently with common developer tools such as git and ssh build deploy and manage apps in the cloud using windows terminal use linux tools from windows with ease who this book is for this book is for developers devops engineers and sysadmins who want to become advanced command line power users whether you re new to the command line or you already use windows powershell every day this book will have something for you

Windows Command Line Self-Study Training Kit

2014-07-16

150 000 words 2 full length personal training guides in 1 convenient kit includes the full contents of windows command line the personal trainer windows command line for administration the personal trainer chances are that if you work with windows computers you ve used windows command line you may even have run commands at the command prompt however you probably still have many questions about windows command line and may also wonder what tools and resources are available this training kit for windows power users and it professionals delivers ready answers for using windows command line tools to manage windows windows server 2012 and windows server 2012 r2 not only is this training kit packed with examples that show you how to run use schedule and script windows commands and support tools it s written by a well known author of computer books and

features easy to read tables lists and step by step instructions designed for anyone who wants to learn windows command line this training will help you perform tasks more efficiently troubleshoot performance issues and programs manage computer settings perform routine maintenance and much more with its comprehensive overviews step by step procedures frequently used tasks and documented examples this training kit delivers the fast accurate information you need

Learning the Git Bash Shell

2022-01-13

become a command line commando running the git bash shell on a windows system gives you access to much of the power of linux without the headaches of administering a virtual machine or setting up a dual boot system learn how easy it is to install and configure git and the bash shell and the power of many of the linux utilities that are included with your installation learn the basics of bash shell scripting and the many conveniences that bash provides for its users such as easy command history manipulation auto completion and job control while continuing to use your favorite graphical tools freely cut and paste between your command line window and your favorite windows applications if you wish learn the basics of the git version control system as well but rest assured that you can get all the benefits of using bash without having to learn git at all become a command line commando and never fear the command line again author's note while much of this book applies to using bash on any operating system linux and macintosh users will probably already be familiar with a lot of the material windows users especially those who are hesitant to work from the command line will get the most

benefit from this book while the git version control system and the bash shell are conceptually two separate products one windows installer will provide you with both along with dozens of additional linux utilities one of the challenges for an author is not only deciding what material to cover but also what to leave out thoroughly covering all the topics involved would have resulted in a 1500 page book instead i have tried to pare the coverage down to the essentials and ignore more advanced features that many people will never use however i have retained some of the more advanced topics such as regular expressions which are critical for programmers to understand and which will reappear in many other contexts if you don't agree with my choices feel free to skip sections that aren't appropriate for your needs you will notice that i haven't stuffed the page with fake reviews from friends who haven't even read the book so if you order it and find it useful i would be very grateful if you would take a few minutes to post a positive review and in the event you don't like it well i hope you can at least offer some constructive criticism thank you and i hope you enjoy the book

Command-Line Rust

2021-08-17

for several consecutive years rust has been voted most loved programming language in stack overflow's annual developer survey this open source systems programming language is now used for everything from game engines and operating systems to browser components and virtual reality simulation engines but rust is also an incredibly complex language with a notoriously difficult learning curve rather than focusing on the language as a whole this guide teaches rust using a single small

complete focused program in each chapter author ken youens clark shows you how to start write and test each of these programs to create a finished product you ll learn how to handle errors in rust read and write files and use regular expressions rust types structs and more discover how to use rust s standard libraries and data types such as numbers strings vectors structs options and results to create command line programs write and test rust programs and functions read and write files including stdin stdout and stderr document and validate command line arguments write programs that fail gracefully parse raw and delimited text manually using regular expressions and rust crates use and control randomness

Data Science at the Command Line

2015

this thoroughly revised guide demonstrates how the flexibility of the command line can help you become a more efficient and productive data scientist you ll learn how to combine small yet powerful command line tools to quickly obtain scrub explore and model your data to get you started author jeroen janssens provides a docker image packed with over 100 unix power tools useful whether you work with windows macos or linux you ll quickly discover why the command line is an agile scalable and extensible technology even if you re comfortable processing data with python or r you ll learn how to greatly improve your data science workflow by leveraging the command line s power this book is ideal for data scientists analysts engineers system administrators and researchers obtain data from websites apis databases and spreadsheets perform scrub operations on text csv html xml and json

files explore data compute descriptive statistics and create visualizations manage your data science workflow create your own tools from one liners and existing python or r code parallelize and distribute data intensive pipelines model data with dimensionality reduction regression and classification algorithms leverage the command line from python jupyter r rstudio and apache spark

6 Linux

2020-11-27

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

Linux Command Line Made Easy

2019-01-31

big data processing and analytics at speed and scale using command line tools key featuresperform string processing numerical computations and more using cli toolsunderstand the essential components of data science development workflowautomate data pipeline scripts and visualization with the command linebook description the command line has been in existence on unix based oses in the form of bash shell for over 3 decades however very little is known to developers as to how command line tools can be osemn pronounced as awesome and standing for obtaining scrubbing exploring modeling and interpreting data for carrying out simple to advanced data science tasks at speed this book will start with the requisite concepts and installation steps for carrying out data science tasks using the command line you will learn to create a data pipeline to solve the problem of working with small to medium sized files on a single machine you will understand the power of the command line learn how to edit files using a text based and an you will not only learn how to automate jobs and scripts but also learn how to visualize data using the command line by the end of this book you will learn how to speed up the process and perform automated tasks using command line tools what you will learnunderstand how to set up the command line for data scienceuse awk programming language commands to search quickly in large datasets work with files and apis using the command lineshare and collect data with cli toolsperform visualization with commands and functionsuncover machine level programming practices with a modern approach to data sciencewho this book is for this book is for data scientists and data analysts with little to no knowledge of the

command line but has an understanding of data science perform everyday data science tasks using the power of command line tools

Hands-On Data Science with the Command Line

2022-02-16

take your linux skills to the next level whether you re a system administrator software developer site reliability engineer or enthusiastic hobbyist this practical hands on book will help you work faster smarter and more efficiently you ll learn how to create and run complex commands that solve real business problems process and retrieve information and automate manual tasks you ll also truly understand what happens behind the shell prompt so no matter which commands you run you can be more successful in everyday linux use and more competitive on the job market as you build intermediate to advanced command line skills you ll learn how to choose or construct commands that get your work done quickly run commands efficiently and navigate the linux filesystem with ease build powerful complex commands out of simpler ones transform text files and query them like databases to achieve business goals control linux point and click features from the command line

Efficient Linux at the Command Line

1999

this text provides an overview of the hardware software and operating system concepts used with computer systems using a self mastery approach 14 chapters lead students from a basic to a more sophisticated understanding of how command syntax parameters parsing commands and troubleshooting are

Windows User's Guide to DOS

2007-03-01

in depth unique coverage of zsh one of most modern and powerful of all shells also covers bash the preferred shell for most serious linux and unix users very strong author and tech review team co author peter stephenson has been involved in the development of zsh since the 1990s when he started to write the faq for the last few years he has served as coordinator of the shell s development tech reviewers ed schaefer is the shell corner columnist for sysadmin magazine and bart schaefer is one of the lead developers of zsh development book is immediately useful packed with short example and suggestions that the reader can put to use in their shell environment extensive coverage of interactive and advanced shell features including shell extensions completion functions and shortcuts great book for users of all expertise perennial seller

From Bash to Z Shell

2018-06-30

develop a solid understanding of the important command line tools and utilities in linux key features delve into the fundamentals of linux explore and work with virtualization command lines and bash shell scripts use special file permission flags such as setuid and setgid book description linux is a unix like operating system assembled under the model of free and open source software development and distribution fundamentals of linux will help you learn all the essentials of the linux command line required to get you started the book will start by teaching you how to work with virtualization software and install centos 7 linux as a vm then you will get to grips with the workings of various command line operations such as cursor movement commands options and arguments as you make your way through the chapters the book will not only focus on the most essential linux commands but also give an introduction to bash shell scripting finally you will explore advanced topics such as networking and troubleshooting your system and you will get familiar with the advanced file permissions acl setuid and setgid fundamentals of linux includes real world tasks use cases and problems that as a system administrator you might encounter in your day to day activities what you will learn explore basic and advanced command line concepts install linux work with virtualbox and install centos 7 in virtualbox work with the command line efficiently and learn how to navigate through the linux filesystem create file and user group permissions and edit files use sticky bit to secure your linux filesystem define and remove acl from linux files who this book is for fundamentals of linux is for individuals looking to work as a linux system administrator

Fundamentals of Linux

2019-11-07

are you a linux user who wants to learn more about the use of the command line you want to change operating system and switch to linux and start immediately using the command line then keep reading linux is an operating system for computers it exists in various distributions such as ubuntu red hat and fedora which are called linux distros each of these distros comes in two versions that is the server and the desktop versions the sever versions of these distros have no graphics and supports only commands via the command line this is to ensure a degree of security this explains why most server computers run linux as their os it also calls for the need to learn and understand the linux commands the linux command line supports numerous commands these commands can be used to do everything in the system from the time of login to the time of logout or shutdown of the system linux commands can be used to manage files and directories which is the main purpose with users management of files in linux includes modifying their contents moving them to other directories renaming them as well as creation and deletion of the same files these tasks can all be achieved via the command line creation of directories changing of directories and deletion can also be achieved via the command line this guide will cover linux command line in details and here are the highlights of this book s contents using the linux command line navigation and file management the processes of linux more to know about files commands for compressing and decompressing files wildcards in linux bash scripting tricks comparison between linux and other operating systems what to do next with linux advanced linux navigation and more scroll up and click the buy now button for more on linux

command line

Linux Command Line

2021-09-10

here we are at the second part of this quick start on the command line another valid help when the windows graphic interface no longer responds to commands or you need to intervene in a more robust way on the pc and or you need more details that are not available through normal daily use to make a simpler comparison we can consider a car everyone knows how to drive it on a daily basis but few really have any idea how it works other than the mechanics this second part definitely raises the bar and takes into consideration a whole series of known and lesser known commands highlighting the effectiveness and at the same time the danger of some commands if not used in the correct way examines some commands that may seem useless in their simplicity but which in reality are very effective if used intelligently and above all in the correct context if you are a good technician or would like to be you should know how to master the command prompt at best surely this second part will be useful for you to continue the journey started with the previous book in the command prompt and will help you save time in the small and large daily computer challenges

Windows 10 at the Command-line Part II

2019-10-21

the raspberry pi is about as minimalist as a computer gets but it has the power to run a full linux operating system and many great desktop and command line tools as well can you push it to operate at the level of a 2 000 computer this book is here to help you find out the primary focus of this book is getting as much as possible done with a simple pi through non graphic non mouse means this means the keyboard and the text mode screen on the desktop side you ll look at many of the most powerful gui apps available as these offer an easy entry to get started as you learn the command line you ll begin by setting up and configuring a raspberry pi with the option to run it as a graphical desktop environment or even more economically boot straight to the command line if you want more performance more efficiency and arguably less complexity from your pi that can only be found through the keyboard and command line you ll also set up and configure a raspberry pi to use command line tools from within either the raspberry pi terminal or by logging in remotely through some other computer once in you ll look at package managers tmux ranger and midnight commander as general purpose power tools the book then gets into specific task oriented tools for reading email spreadsheet work notes security web browsing and design social media task and video password management coding and much more there are conceptual overviews of markdown latex and vim for work what you ll learn set up a raspberry pi system to get real work done using only the command line login to a pi remotely to use it as a remote server integrate desktop linux with command line mastery to optimize a pi work with tools for audio writing news and weather books and graphics who this book

is for those with minimal technical skills or hobbyists who are interested in retro computing or minimalist approaches

Computing with the Raspberry Pi

2015-03-10

chances are that if you work with windows computers you ve used windows command line you may even have run commands at the command prompt however you probably still have many questions about windows command line and may also wonder what tools and resources are available this practical hands on guide for windows power users and it professionals delivers ready answers for using windows command line tools to manage windows 8 1 windows server 2012 and windows server 2012 r2 not only is this book packed with examples that show you how to run use schedule and script windows commands and support tools it s written by a well known author of more than 100 computer books and features easy to read tables lists and step by step instructions designed for anyone who wants to learn windows command line this book will help you perform tasks more efficiently troubleshoot performance issues and programs manage computer settings perform routine maintenance and much more one of the goals is to keep the content so concise that the book remains compact and easy to navigate while at the same time ensuring that the book is packed with as much information as possible making it a valuable resource

Windows Command Line: The Personal Trainer for Windows

8.1 Windows Server 2012 and Windows Server 2012 R2

2024-02-12

learn how to unleash your inner unix geek version 3.3 updated february 12 2024 this book introduces you to the mac os command line environment teaching you how to use the terminal utility to accomplish useful interesting tasks that are either difficult or impossible to do in the graphical interface n if you ve ever thought you should learn to use the unix command line that underlies macos or felt at sea when typing commands into terminal joe kissell is here to help with this book you ll become comfortable working on the mac os command line starting with the fundamentals and adding more advanced topics as your knowledge increases now includes complete coverage of monterey big sur catalina and zsh joe includes 67 real life recipes for tasks that are best done from the command line as well as directions for working with permissions carrying out grep based searches creating shell scripts and installing unix software the book begins by teaching you these core concepts the differences among unix a command line a shell and terminal exactly how commands arguments and flags work the basics of terminal s interface and how to customize it next it s on to the command line where you ll learn how to navigate your mac os directory structure basic file management creating copying moving renaming opening viewing and deleting files creating symbolic links the types of command line programs how to start and stop a command line program how to edit a text file in nano how to customize your prompt and other shell defaults the importance of your path and how to

change it if you need to how to get help joe goes way beyond telling you to read the man pages you'll extend your skills as you discover how to create basic shell scripts to automate repetitive tasks make shell scripts that have variables user input conditional statements loops and math see which programs are running and what system resources they're consuming quit programs that refuse to quit normally enable the command line to interact with the finder control another mac via its command line with ssh understand and change an item's permissions owner and group run commands as the root user using sudo handle output with pipe or redirect or use grep to search for text patterns in files and filter output install new command line software from scratch or with a package manager use handy shortcuts in the terminal app itself and in zsh questions answered include what changed on the command line in recent versions of macOS what are the differences between the zsh shell and the bash shell which shell am i using and how can i change my default shell how do i quickly figure out the path to an item on my mac how can i customize my terminal window so i can see man pages behind it how can i make a shortcut to avoid retyping the same long command is there a trick for entering a long path quickly what should i say when someone asks if i know how to use vi how do i change my prompt to suit my mood or needs what is command line tools for xcode when it comes to package managers which one should i use finally to help you put it all together the book showcases 67 real world recipes that combine commands to perform useful tasks such as listing users who've logged in recently manipulating graphics using a separate filevault password creating and editing user accounts figuring out why a disk won't eject copying the source code of a webpage determining which apps have open connections to the internet flushing the dns cache finding out why a mac won't sleep sending an sms message and deleting stubborn items from the trash

Take Control of the Mac Command Line with Terminal, 3rd Edition

2015-11-05

this book covers the linux command line commands bash scripting tricks linux shell programming tips and bash one liners the book starts by explaining on the origin of linux the people behind its development and also the reason behind development of linux the commands for the linux command line have been discussed these range from the basic ones to the more complex ones once you have read this book you will understand how to view the contents of files on the standard output copy and move files while preserving the file permissions and as well as navigate through different directories via the command line searching is very important in linux the grep command used for searching in linux has been explored in this book including its numerous option thus you will become an expert in this tail command which is used for viewing and particularly the last parts of a file has also been discussed you will get to know how to update your system and adjust its date and time via the command line the tricks behind bash scripting have also been discussed these include brace expansion command substitution command history and loops shell scripting has also been discusses you will be able to create an executable of a shell file and execute it via the command line variable loops case statement and decision making shell have been explored in detail

Linux Command Line

2015-01-06

talk directly to your system for a faster workflow with automation capability linux command line and shell scripting bible is your essential linux guide with detailed instruction and abundant examples this book teaches you how to bypass the graphical interface and communicate directly with your computer saving time and expanding capability this third edition incorporates thirty pages of new functional examples that are fully updated to align with the latest linux features beginning with command line fundamentals the book moves into shell scripting and shows you the practical application of commands in automating frequently performed functions this guide includes useful tutorials and a desk reference value of numerous examples the linux command line allows you to type specific shell commands directly into the system to manipulate files and query system resources command line statements can be combined into short programs called shell scripts a practice increasing in popularity due to its usefulness in automation this book is a complete guide providing detailed instruction and expert advice working within this aspect of linux write simple script utilities to automate tasks understand the shell and create shell scripts produce database e mail and web scripts study scripting examples ranging from basic to advanced whether used as a tutorial or as a quick reference this book contains information that every linux user should know why not learn to use the system to its utmost capability linux is a robust system with tremendous potential and linux command line and shell scripting bible opens the door to new possibilities

Linux Command Line and Shell Scripting Bible

2019-06-03

the command line interface is making a comeback that's because developers know that all the best features of your operating system are hidden behind a user interface designed to help average people use the computer but you're not the average user and the cli is the most efficient way to get work done fast turn tedious chores into quick tasks read and write files manage complex directory hierarchies perform network diagnostics download files work with apis and combine individual programs to create your own workflows put down that mouse open the cli and take control of your software development environment no matter what language or platform you're using you can use the cli to create projects run servers and manage files you can even create new tools that fit right in with grep sed awk and xargs you'll work with the bash shell and the most common command line utilities available on macos windows 10 and many flavors of linux create files without opening a text editor manage complex directory structures and move around your entire file system without touching the mouse diagnose network issues and interact with apis chain several commands together to transform data and create your own scripts to automate repetitive tasks make things even faster by customizing your environment creating shortcuts and integrating other tools into your environment hands on activities and exercises will cement your newfound knowledge and give you the confidence to use the cli to its fullest potential and if you're worried you'll wreck your system this book walks you through creating an ubuntu virtual machine so you can practice worry free dive into the cli and join the thousands of other devs who use it every day what you need you'll need macos windows 10 or a

linux distribution like ubuntu fedora centos or debian using the bash shell

Small, Sharp Software Tools

2022-03-24

practical and actionable recipes for using shell and command line scripting on your linux os with confidence key features learn how to use the command line and write and debug linux shell scripts automate complex repetitive tasks and backups and learn networking and security a practical approach to system administration and virtual machine and software management book description linux command line and shell scripting techniques begins by taking you through the basics of the shell and command line utilities you'll start by exploring shell commands for file directory service package and process management next you'll learn about networking network firewall and dns client configuration ssh scp rsync and vsftpd as well as some network troubleshooting tools you'll also focus on using the command line to find and manipulate text content via commands such as cut egrep and sed as you progress you'll learn how to use shell scripting you'll understand the basics input and output along with various programming concepts such as loops variables arguments functions and arrays later you'll learn about shell script interaction and troubleshooting before covering a wide range of examples of complete shell scripts varying from network and firewall configuration through to backup and concepts for creating live environments this includes examples of performing scripted virtual machine installation and administration lamp linux apache mysql php stack provisioning and bulk user creation for testing environments by the end of this linux book you'll have gained the

knowledge and confidence you need to use shell and command line scripts what you will learn get an introduction to the command line text editors and shell scripting focus on regular expressions file handling and automating complex tasks automate common administrative tasks become well versed with networking and system security scripting get to grips with repository management and network based file synchronization use loops arguments functions and arrays for task automation who this book is for this book is for anyone looking to learn about linux administration via cli and scripting those with no linux command line interface cli experience will benefit from it by learning from scratch more experienced linux administrators or engineers will also find this book useful as it will help them organize their knowledge fill in any gaps and work efficiently with shell scripts to increase productivity

Linux Command Line and Shell Scripting Techniques

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