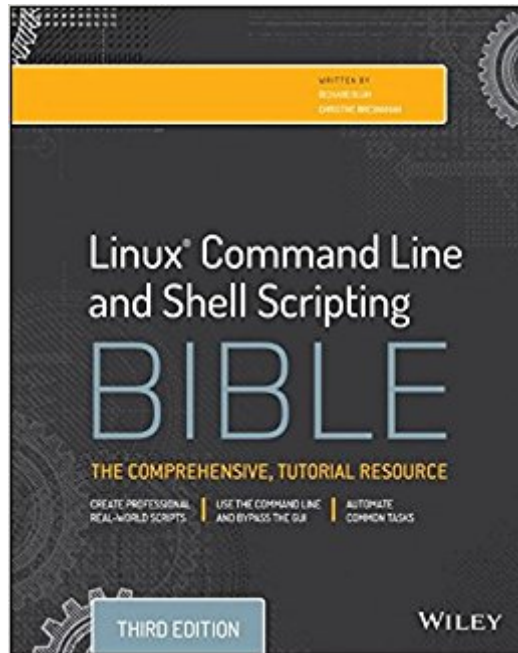The book was found

Linux Command Line And Shell Scripting Bible

Synopsis

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.

Book Information

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Customer Reviews

Ã¢â¬Å"Comprehensive guide full of useful insight into the what, why, how, and when of scripting.Ã¢â¬Â• (MagPi, February 2016)

Master the Linux command line and shell scripts The Linux Command Line and Shell Scripting Bible, 3rd Edition is the ultimate roadmap to direct communication with your system. The third edition has been fully updated to align with the latest Linux features and best practices, and the abundant examples of working scripts demonstrate how and where theyÃ¢â¬â„¢re applied in real-world situations. With more than 25% new material including 30 pages of new functional script examples, Linux Command Line and Shell Scripting Bible shows you how to: Automate tasks with simple script utilities Create shell scripts and understand good shell behavior Manage filesystems and software packages Work with nano, KDE, and GNOME editors Learn structured commands, text manipulation, and regular expressions Write practical scripts for e-mail, databases, and the web Optimize the environment, fine-tune scripts, and more!

By the time I bought this book, I had already read a lot of online resources about bash scripting, and I had already been using linux for two years. I had even read most of the A-plus certification book on Linux. Despite that, I was constantly struggling to write bash scripts that worked, this is because so much of the free online documentation on bash scripting is confusing and incomplete. Even when consulting co-workers, they too could not explain why so many things I tried to code in a bash script did not work. That's when I decided to buy this book.The "Linux Command Line and Shell Scripting Bible" cleared up a lot of problems that have been plaguing me for a long time now. I wish that I had started to learn bash scripting with this book, it could have saved me a lot of time. I would highly recommend this for anybody who will use linux.Let me list some things this book explained to me that I struggled with for years prior:- When is a subshell made, what are the implications of that, how does variable scoping come into play.- how can you create, manipulate, and pass around arrays in bash- how does the "return" statement behave in functions, how to use that in an if statement- how can you do math in bash- the differences between [ ] andÃ Â Here are some other things I love about this book:- it has an excellent explanation of how you could parse a command line that follows a complicated pattern like "mycommand --longopt -a -bcf input.txt -- foo bar zop". Before I picked up this book I thought that would be too difficult to do in a bash script.- It explains how to easily create GUI interfaces for your script.- It has one of the best explanations for sed and gawk I have ever seen.Throughout the entire book, everything said is clear and easy to understand, and the authors give you ample examples to demonstrate the point. While the thickness of the book is a bit

intimidating, you will find that you can read it pretty fast because a lot of those pages are full of clear examples that you can read quickly.Yet again I highly recommend it.

This volume is the "perennial" publication of choice for the programmer at his daily grind. Some folks can make do with just the UNIX "Man" pages. Some folks make do with peeking over other mature programmers shoulders. There are "Visual learners' and "Aural Learners." Now what if the reader is a non-distinct learner, hardware oriented, all fingers and no thumbs? Fear naught. This is precisely the book to maintain one's sanity.Ye have graduated from Computer Assembler, Computer Tester, Computer Technician, Computer Programmer, Computer Administrator, Network Administrator, Computer Analyst, Computer Technologist, Computer Engineer, Systems Engineer, Cybernetic Engineer, but along the way the professional has forgotten most or all that was learned. This book shall bring the reader back prepared for the task at hand.Yes that dreaded "Command Line Interface", remember MS-DOS, Apple-DOS, PC-DOS, DR-DOS, UMSDOS, etc. After all these decades itsremains the way to have uninhibited firmware and system access. Nevermind a User must have hardware access, really now. Allow the basic machine language coding get the User into the system, network to get the job done.Does that computer at work and home have the User at its mercy? Buy this book, read it, internalize the contents, the User shall not ever fear coding again. Many successful Users have already re program their electronic calculators, tablets, and other ARM equipped devices to do more than just play games. There are UNIX, DOS, Windows, MacOS-X, and Linux operating systems. They all have one uninhibited access point...the "Command Line". And the future is Linux, because everything runs on Linux now! There are over 37,840 distributions, variants, editions, and versions of Linux operating systems. Linux is ubiquitious and universal. There is neither a best, nor perfect operating system, and Linux comes extremely close. This book will help the reader to understand how simple line commands can be arrayed to do complete instructions for most operating systems.Remember lest ye forgotten. The Chinese invented the first human binary calculating device. The English invented the first Analog electric computer. The Americans invented the first Digital electronic computer. The USA, Canada, and Australia together invented the world's first Quantum Relativity Computer that runs at Light Speed with cooling at the speed of sound! May your pursuit of excellence be fruitful.

Great book, actually!I only have a few minor complaints where the book really doesn't give you much insight into certain key areas (as to how or why), such as: In variables, even after half the book read, I want to know, can I redirect STDOUT to a variable, rather than a file? It's not exactly

clear here, and more generally speaking, some examples are fine, but others may leave you stunned, trying to let it sink in until you figure it out. I don't really mind this, because it does get your analytical mindset on par, but it could save some time by adding just a few extra pages of text with some minor help tactics.Aside from that, I still don't like the "Bible" aspect of the title, not for religious reasons where it may sound blasphematic (new word?) to some, but when you use the term "Bible" a buyer might assume this is THE ONLY text you'll need to learn all the ins and outs of Command Line Shell Scripting. Not the case.Still, this was a great choice to get introduced. I think it is well written, and the author takes initiative to show you not only WHAT NOT to do, but WHY NOT to do those things.Worth the money, definitely!

Very well written guide that is a must read to anyone serious about learning Linux bash shell scripting. What I like best about this book is that it doesn't just cover the many bash commands, it explains the many variations of each command and what it does. It also points out the pitfalls to be avoided by new comers saving you time and anguish in writing your own scripts. This is without doubt one of the best Linux books ever.

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