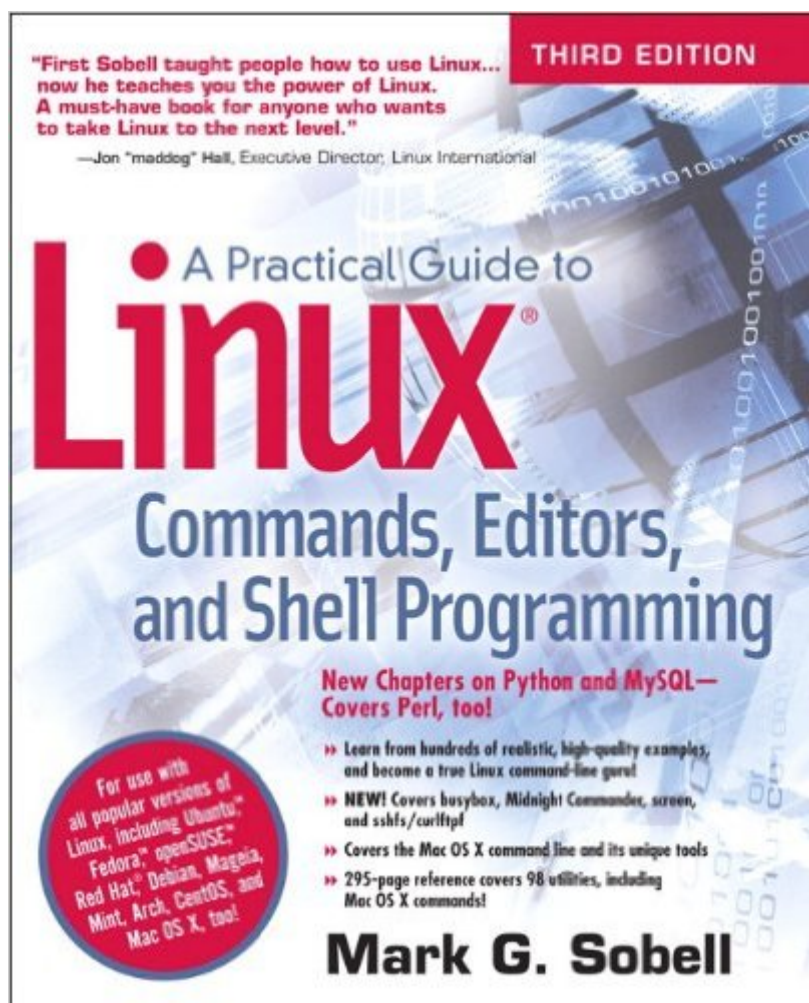


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# A Practical Guide To Linux Commands, Editors, And Shell Programming (3rd Edition)



## Synopsis

“First Sobell taught people how to use Linux . . . now he teaches you the power of Linux. A must-have book for anyone who wants to take Linux to the next level.” —Jon “maddog” Hall, Executive Director, Linux International  
New Chapters on Python and MySQL  
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The Most Useful Tutorial and Reference, with Hundreds of High-Quality Examples for Every Popular Linux Distribution

## Book Information

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serve as in-depth tutorials as well, such that starting at the beginning of a chapter that covers the subject matter you need to learn at the level of understanding you need, and reading to the end of the chapter, provides a solid foundation in that subject. This is a book about practical skills with practical tools. It largely eschews the approach of many Linux books that describe the most immediate and obvious interfaces to accomplishing trivial tasks in a default install of a specific Linux distribution.

With the 3rd edition of this book, "A Practical Guide to Linux Commands, Editors and Shell Programming" only got better. I say this with a reasonable bias and favoritism towards Linux, its command line interface which I consider some of the most versatile and best engineering accomplishments and towards this book, which has been my favorite since the first edition. The first edition of the book, was the manual, reference and tutorial all in one that I have been looking for a long time. I have been looking for a book that takes me into the command line world of Linux but in a methodical way describing all the little options, tips, tricks but also the principles that make Linux shell so powerful. Book begins with a brief history of Linux and very informative, relevant overview of the system architecture. It proceeds with the in depth, hands on walkthrough the environment, shells, and command line utilities. There is a very useful and every-day practical exercise at the end of each chapter. Book continues with in depth chapters on Linux filesystem, the shell, editors (emacs and vi) and the programming environment including (g)awk and sed. This third version of the book now covers the OSX's command line interface which is very nice. The best, and for me, the ultimate buy-in factor for the third edition, is the brand new chapter covering to reasonable depth Python. There is also a full, new chapter on MySQL. (That Sobell added a chapter on Postgres, I would give him six stars :-)) Book concludes with excellent command reference section (300 pages) and Appendix on regular expressions (superb), getting help with Linux and keeping the system up to date (using rpm, yum apt-get and bit torrent).

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