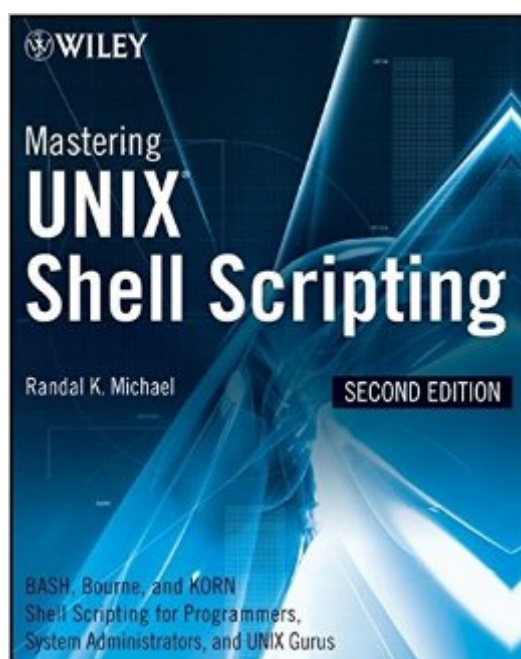


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# Mastering Unix Shell Scripting: Bash, Bourne, And Korn Shell Scripting For Programmers, System Administrators, And UNIX Gurus



## Synopsis

UNIX expert Randal K. Michael guides you through every detail of writing shell scripts to automate specific tasks. Each chapter begins with a typical, everyday UNIX challenge, then shows you how to take basic syntax and turn it into a shell scripting solution. Covering Bash, Bourne, and Korn shell scripting, this updated edition provides complete shell scripts plus detailed descriptions of each part. UNIX programmers and system administrators can tailor these to build tools that monitor for specific system events and situations, building solid UNIX shell scripting skills to solve real-world system administration problems.

## Book Information

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## Customer Reviews

Unix Shell Scripting 2nd edition is a practical reference book to UNIX shell scripting. There are 954 pages committed to various scripts appropriate for any type of production environment: research, banking, web hosting, personal, security or system administration. Each script is well written. His style is concise and consistent, with shell scripting notation, control statements, and choice of commands commented throughout. You will find that his techniques are sampled over and over. Randal proves a point that there's not one way to write a script but there is one choice better than the rest. In Chapter 2 Randal demonstrates 24 ways to process a file line-by-line. Of the 24 some are slower than others. He shows that with existing UNIX systems functions there are ways to time script execution. Even though the execution time is important he does not forget to mention the importance of system availability and personal identity management. Some script writers don't know

how to handle sensitive personal information well. Randal provides a tid-bit on concealing personal identity from eavesdroppers, validating file ownership, and secure data transmission over encrypted protocols. Having any biasness over less secure alternatives is important to mention when a company's asset confidentiality must be 100% reliable and aligned with corporate Security policy. There are chapters on UNIX system availability. Resource availability ensures that services are available for business process to continue. Michael does a good job of providing a holistic approach of application and system availability by providing references to: rysnc, dirvish, oracle database testing, process monitoring, disk capacity monitoring, and swap file monitoring; all the while participating in some sort of notification.

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