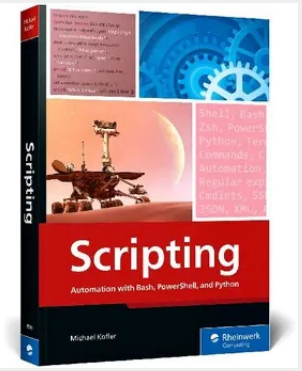
Kofler

# Scripting

Automation with Bash, PowerShell, and Python

Developers and admins, it’s time to simplify your workday. With this practical guide, use scripting to solve tedious IT problems with less effort and less code! Learn about popular scripting languages: Bash, PowerShell, and Python. Master important techniques such as working with Linux, cmdlets, regular expressions, JSON, SSH, Git, and more. Use scripts to automate different scenarios, from backups and image processing to virtual machine management. Discover what’s possible with only 10 lines of code! In this book, you’ll learn about: a. Scripting Languages Beginners, get the crash course you need in Bash (and its alternative, Zsh), PowerShell, and Python syntax to perform scripting tasks. b. Scripting Techniques Learn to write successful scripts by following expert guidance and practical examples. Use commands for processing text files, functions for handling JSON and XML files, cron for automating script execution, SSH for running code, and more. c. Scripting Examples See scripting in action! Walk through concrete applications of scripting: data backup, image processing, web scraping, REST APIs, database maintenance, cloud scenarios, and virtual machine administration. Highlights include: 1) Bash and Zsh 2) Linux toolbox 3) PowerShell and CmdLets 4) Python and pip 5) JSON, XML, and INI 6) SSH, VS Code, and Git 7) Automation with cron 8) Backup automation 9) Image processing 10) Web scraping 11) Cloud scripting 12) Virtual machines

Developers and admins, it's time to simplify your workday. With this practical guide, use scripting to solve tedious IT problems with less effort and less code! Learn about popular scripting languages: Bash, PowerShell, and Python. Master important techniques such as working with Linux, cmdlets, regular expressions, JSON, SSH, Git, and more. Use scripts to automate different scenarios, from backups and image processing to virtual machine management. Discover what's possible with only 10 lines of code! In this book, you'll learn about: a. Scripting Languages Beginners, get the crash course you need in Bash (and its alternative, Zsh), PowerShell, and Python syntax to perform scripting tasks. b. Scripting Techniques Learn to write successful scripts by following expert guidance and practical examples. Use commands for processing text files, functions for handling JSON and XML files, cron for automating script execution, SSH for running code, and more. c. Scripting Examples See scripting in action! Walk through concrete applications of scripting: data backup, image processing, web scraping, REST APIs, database maintenance, cloud scenarios, and virtual machine administration. Highlights include: 1) Bash and Zsh 2) Linux toolbox 3) PowerShell and CmdLets 4) Python and pip 5) JSON, XML, and INI 6) SSH, VS Code, and Git 7) Automation with cron 8) Backup automation 9) Image processing 10) Web scraping 11) Cloud scripting 12) Virtual machines




**49,95 €**
46,68 € (zzgl. MwSt.)

*sofort versandfertig, Lieferfrist: 1-3 Werktage*

**Artikelnummer:** 9781493225569
**Medium:** Buch
**ISBN:** 978-1-4932-2556-9
**Verlag:** Rheinwerk Verlag GmbH
**Erscheinungstermin:** 05.03.2024
**Sprache(n):** Englisch
**Auflage:** 1. Auflage 2024
**Serie:** Rheinwerk Computing
**Produktform:** Kartoniert
**Gewicht:** 816 g
**Seiten:** 470
**Format (B x H):** 176 x 254 mm



**Kundenservice Verlag Dr. Otto Schmidt KG**
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)