



Operating Systems DeMYSTiFieD

By Ann McIver McHoes

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Learn what happens behind the scenes of operating systems

Find out how operating systems work, including Windows, Mac OS X, and Linux. *Operating Systems Demystified* describes the features common to most of today's popular operating systems and how they handle complex tasks.

Written in a step-by-step format, this practical guide begins with an overview of what operating systems are and how they are designed. The book then offers in-depth coverage of the boot process; CPU management; deadlocks; memory, disk, and file management; network operating systems; and the essentials of system security. Detailed examples and concise explanations make it easy to understand even the technical material, and end-of-chapter quizzes and a final exam help reinforce key concepts.

It's a no-brainer! You'll learn about:

- Fundamentals of operating system design
- Differences between menu- and command-driven user interfaces
- CPU scheduling and deadlocks
- Management of RAM and virtual memory
- Device management for hard drives, CDs, DVDs, and Blu-ray drives
- Networking basics, including wireless LANs and virtual private networks
- Key concepts of computer and data security

*Simple enough for a beginner, but challenging enough for an advanced student, **Operating Systems Demystified** helps you learn the essential elements of OS design and everyday use.*

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Editorial Review

About the Author

Ann McIver McHoes is the author six editions of the bestselling textbook *Understanding Operating Systems*, which has been translated into five languages, adopted at colleges and universities on six continents, and has received both awards of excellence from the Text and Academic Authors Association. Currently, she's an instructor at Duquesne University.

Joli Ballew, MCSE, MCTS, MCDST, Microsoft MVP, is a technical author, a technology trainer, and website manager. She's bestselling author of bestselling author of *Degunking Windows 7; iPad 2 QuickSteps; How to Do Everything: iPad 2; How to Do Everything: BlackBerry Storm2; How to Do Everything: Netbook*; and *CNET Do-It-Yourself Mac Projects*.

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