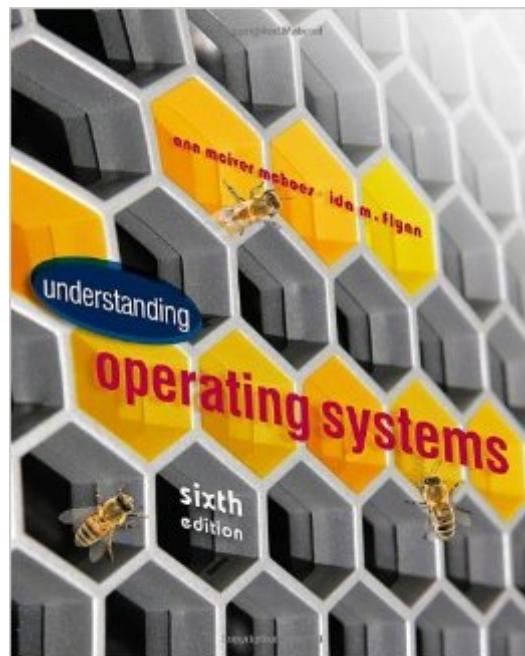# Understanding Operating Systems (Advanced Topics)

Synopsis

Now in its Sixth Edition, UNDERSTANDING OPERATING SYSTEMS continues to provide a clear and straightforward explanation of operating theory and practice. As in previous editions, the book's highly-regarded structure begins with a discussion of fundamentals before moving on to specific operating systems. This edition has been updated and modernized; now included are enhanced discussions of the latest innovation evolutions (multi-core processing, wireless technologies, PDA and telephone operating systems, and Blu-ray optical storage) and how they affect operating systems. Revised Research Topics in the exercise section encourage independent research among students. Content in the final four chapters has been updated to include information about a few of the latest versions of UNIX (including specific mention of the latest Macintosh OS), Linux, and Windows

Book Information

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Customer Reviews

I was assigned this book by my college instuctor so I had not much say in this. But this book does nothing to make sure that the subject is conveyed properly, and fails almost every time when giving an example. It is written in a very unorganized manner, and is all over the place. It also contains many factual errors. Please avoid if you can.

I had to buy this as a textbook but I've actually really enjoyed reading it. The text is accessible,

informative, and sometimes even exciting. If you're interested in operating systems and have some basic computer science knowledge this is a great book for you.

An extremely good overview, still applicable today. Though the UI of an OS may change completely between versions (See: Windows 7 vs. Windows 8/8.1) the underlying bits are the same. You need a process manager, you need a device manager, you need a Kernal. Everything else is just built on top of that. This book gives you a great look at these bits and bobs and how they work together.

This is elementary, I know it is being phased out atm but that is long overdue. Buy it from if you must, as the price is worlds better here, but this one will bore you to death. Forget resale as well, even at the schools around me they aren't accepting these as buy-backs.

I am still in this course. My third week in. The digital textbook makes it easier for me to read the information. Also, zooming on charts and figures helps to better comprehend the material. Can't really say this was an optional purchase but as least I have one textbook I think I can use after the course that won't fill my bookcase.

This book does a nice job breaking down the parts of an operating system. The chapters are clear and to the point

Fast delivery. I needed this book for a class at thomas eddison college. There are no marks in the book and so far it has been sufficient for what i needed it for.

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