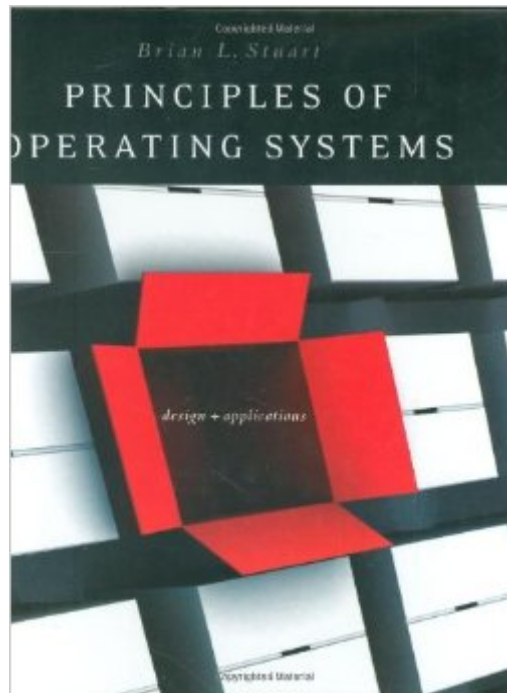# Principles Of Operating Systems: Design And Applications (Advanced Topics)

Synopsis

Principles of Operating Systems: Design and Applications is an ideal resource for anyone who wants to gain a basic understanding of operating systems in the context of the applications in which they are used. The main focus of this text is to foster an understanding of operating system fundamentals: what types of services they provide, how various applications interface with them, and the restrictions they have on those applications. Making this book unique in its approach is the inclusion of a wide range of example systems and detailed case studies of the Linux and Inferno operating systems. By combining a traditional set of topics with this real-life contextual background, readers will achieve an enriched understanding of the material, which they can immediately apply to the world of operating systems.

Book Information

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Average Customer Review: 4.8 out of 5 stars See all reviews (5 customer reviews)

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Customer Reviews

I took an operating systems class a few years ago taught by the author of the book, so my review is going to be influenced by my using it in relation to the class. First of all, I had taken the class the year previously, with a different teacher and book (what I've heard referred to as the dinosaur book, supposedly a very widely used OS instructional book). I liked both the instruction and book by Brian Stuart much more. The book was well-laid out and explained the concepts in Operating Systems in a way that made more sense to me. A note about the book -- it uses a relatively unknown operating system called Inferno that has roots in UNIX (not Linux) throughout the book to demonstrate and

test concepts. While Inferno is somewhat outdated (the last update was in 2005) and not in common use, the conciseness of Inferno (the entire operating system is a 10-21 MB download depending on which distribution you get) makes it great for experimentation with modifying the source code. If you are looking for a casual read on Operating Systems, you may lose out on the benefit of these exercises. However, if you are willing to take the time to complete the exercises in the book, it promises to be a very insightful and informative guide to operating systems.

Practical, well written

Pretty good m8

Got my item on the second week of classes when it was ordered on the late first week of class. Thank you!

Amazing condition

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