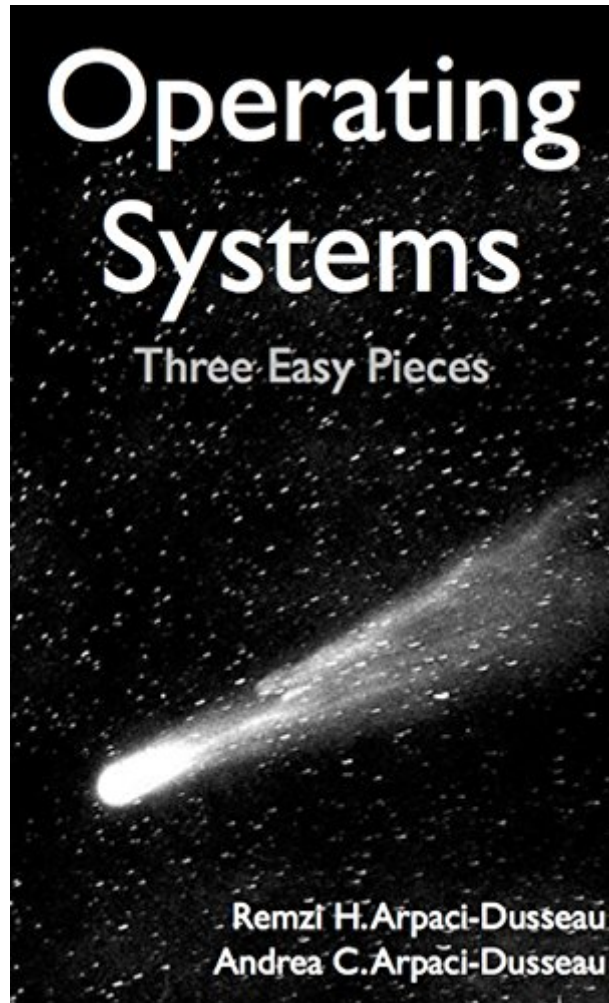# Operating Systems: Three Easy Pieces

Synopsis

A book covering the fundamentals of operating systems, including virtualization of the CPU and memory, threads and concurrency, and file and storage systems. Written by professors active in the field for 20 years, this text has been developed in the classrooms of the University of Wisconsin-Madison, and has been used in the instruction of thousands of students.Buy the Kindle format for convenience, or as a simple way to thank the authors for the work they have put into making this resource.

Book Information

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Customer Reviews

I am an Operating Systems professor at Mexico's largest university (UNAM), and the author of an Operating Systems textbook in Spanish (http://sistop.org). I stumbled upon Arpaci-Dusseau's book, and *loved* its way of explaining and concept clarity. With its "three easy pieces", it has a very different approach than most books on the field, maybe just comparable to Finkel's 1988 "Operating Systems vade-mecum".Strongly recommended for students, professors, and people interested in learning more by themselves.

I'm a student of one of the co-authors and of course we have to read this book for class. The book is available for free which is uber cool on their half, but it's also the most readable textbook I've ever read. For such a dense, abstract, and obscure subject, it's so easy to follow, and written in completely plain English, aside from simply defined jargon terms that of course come with the territory. I never have that feeling of my eyes glazing over in petrified confusion that I do with math or other theory textbooks. The book even has jokes in it. Other books really should take a page out of the style of this one. I didn't know such clarity was even possible. It's super good for what it is.

Very approachable book, it is recommended reading for one of the operating system grad courses at Georgia Tech. The author has a great tone, cadence, and knows how to lead the reader from basic to complex concepts without making it jarring or boring.Only downside is the Kindle version is essentially a compilation of PDFs so doesn't have traditional ebook formatting, making it somewhat tedious to navigate in that format.

I am currently using this book for an Operating Systems class, and I love the author's approach to teaching. It can sometimes be easy to lose the forest through all the trees, but this book does a great job of keeping the big picture in mind. The book is well written, even entertaining at times. I bought the softcover version because I prefer physical books.Overall, I would recommend this book to anyone looking to learn more about operating systems

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