Operating Systems

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Operating Systems: Three Easy Pieces

A great entry to the world of operating systems is the book: Operating Systems: Three Easy Pieces (OSTEP) by Prof. Remzi Arpaci-Dusseau and Prof. Andrea Arpaci-Dusseau from UW-Madison.

An operating system is something that connects *software applications* with *physical hardware*. It does so by providing applications three types of *abstractions*:

1. Virtualization: Memory Management
2. Concurrency: Time-sharing & Multi-tasking
3. Persistence: File Systems & Storage

Check out the book and its attached homework and projects. I also have a reading note on this book: READ HERE.

Links

- Operating Systems: Three Easy Pieces (OSTEP)
- Stanford CS140 Course Webpage
- PintOS Online Document