

Hinute Essay From Last Lecture Eight people (out of 20) did not have a book yet(!). Many comments were along the line of "I didn't realize X was so complicated." Yes, amazing how much typical UIs these days hide ...







Layered Systems
Idea — use layers of abstraction, just as one structures application programs.
Examples include THE, MULTICS, OS/2, Windows NT (more so in early releases).
Arguments for/against?











VM/370
Idea — provide multiple "virtual machines", each running its own o/s, which could be:

"Real" o/s such as MVS (another mainframe o/s) — in turn running many processes.
Not-quite-real o/s CMS — interactive single-user system rather like MS-DOS, runs under VM/370 only (not on real hardware).

Allows sharing of physical resources among multiple "client" o/s's:

CPU sharing — similar to multitasking.
I/O device sharing — share physical devices, or allow exclusive use.















