





Monolithic Systems Tanenbaum's description — "The Big Mess". Examples include MS-DOS, early Unix. Advantages? "works, sort of" — often justification is historical. Disadvantages? "big mess".

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Virtual Machines
Idea — o/s provides a simulation of the actual physical machine, this "virtual machine" then runs another o/s – or several of them.
Examples include VM/370, Windows support for old MS-DOS programs, VMware, Mac-on-Linux, Java Virtual Machine.
Advantages? — separates multiprogramming from other concerns, emulation aspect can be useful, useful in o/s development.
Disadvantages? — another layer, so can be slower.





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