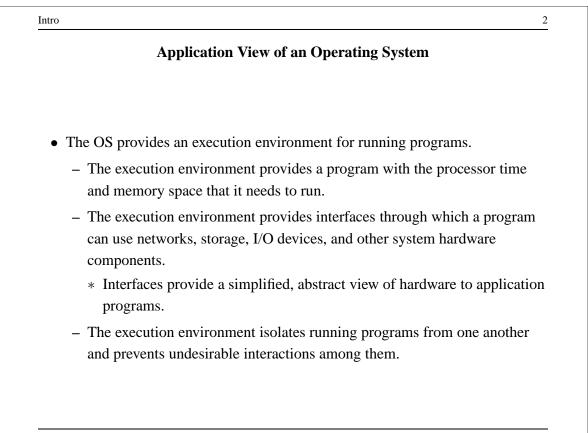
	What is an Operating System?
• T	hree views of an operating system
A	pplication View: what services does it provide?
S	ystem View: what problems does it solve?
Ir	mplementation View: how is it built?
	An operating system is part cop, part facilitator.
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3350	An operating system is part cop, part facilitator.



Other Views of an Operating System

System View: The OS manages the hardware resources of a computer system.

- Resources include processors, memory, disks and other storage devices, network interfaces, I/O devices such as keyboards, mice and monitors, and so on.
- The operating system allocates resources among running programs. It controls the sharing of resources among programs.
- The OS itself also uses resources, which it must share with application programs.

Implementation View: The OS is a concurrent, real-time program.

- Concurrency arises naturally in an OS when it supports concurrent applications, and because it must interact directly with the hardware.
- Hardware interactions also impose timing constraints.

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Operating Systems

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