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Summarizing Summarizing (cont.) **Spawning Processes** Exceptions Call to fork Events that require nonstandard control flow • One call, two returns Generated externally (interrupts) or internally (traps and faults) **Process completion** Processes Call exit At any given time, system has multiple active processes • One call, no return Only one can execute at a time, though Each process appears to have total control of processor + private **Reaping Processes** memory space Call wait or waitpid Loading and Running Programs Call exec1 (or variant) • One call, (normally) no return 15-213, F'07 - 34 -15-213, F'07