







Design Technique: State Machines

- Process states
- Move from state to state based on events
 - *Reactive* system
- Can be mechanically converted into a program
- Other example:
 - string parsing, pre-processor



Unix Process Creation

- System call: fork()
 - creates (nearly) identical copy of process
 - return value different for child/parent
- System call: exec()
 - over-write with new process address space
- Shell
 - uses fork() and exec()
 - simple!
- (Hey, you, show demos!)















