

1. Direct Execution

user mode vs. kernel mode, system call, trap, timer interrupt

scheduler, context switch

OS	Program
Create entry for process list	
Allocate memory for program	
Load program into memory	
Set up stack with argc/argv	
Clear registers	
Execute call main()	Run main()
	Execute return from main
Free memory of process	
Remove from process list	

Figure 6.1: Direct Execution Protocol (Without Limits)