













Personal comp	uters and Computing as	Utility	
– History rep	peats itself		
Parallel system	ms		
– Resource n	nanagement		
– Fault toler	ance		
Real-Time Sys	tems		
Distributed Sy	rstems		
– Communica	tion		
- Resource s	haring		
– Network o	perating systems		
- Distributed	l operating systems		
Secure System			













































