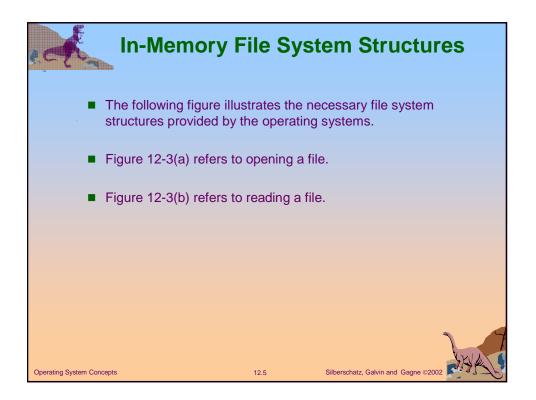
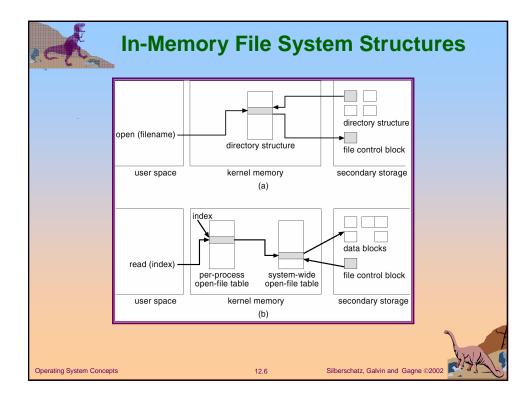
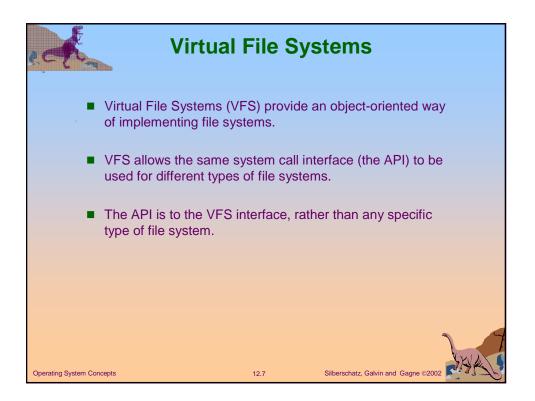
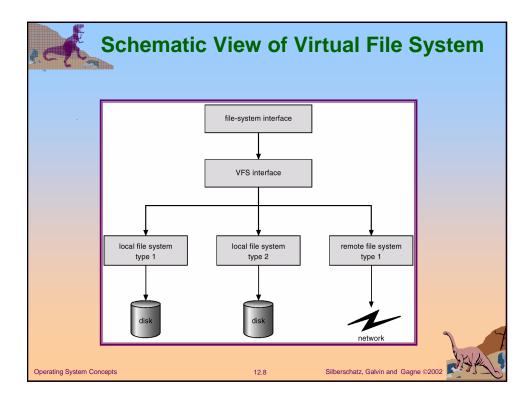


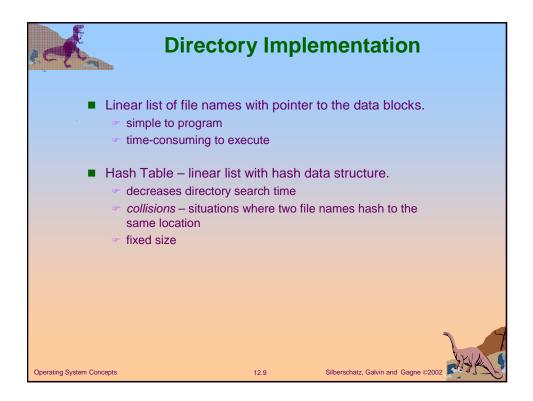
	A Typical File Control Block	
-	file permissions	
	file dates (create, access, write)	
	file owner, group, ACL	
	file size	
	file data blocks	
		7
Operating System Concepts	12.4 Silberschatz, Galvin and Gagne ©2002	5

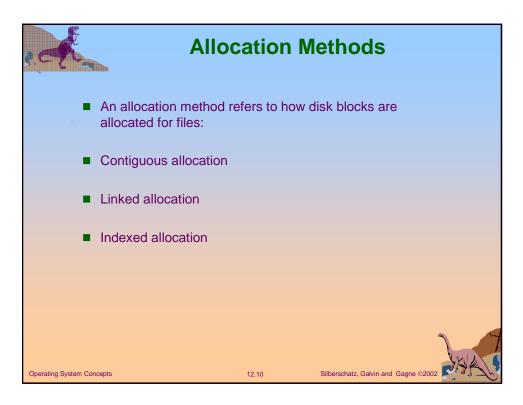


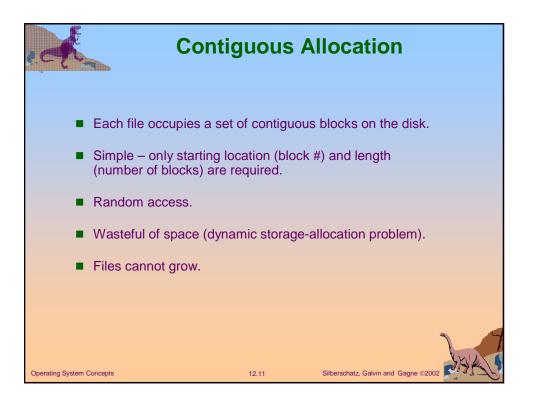


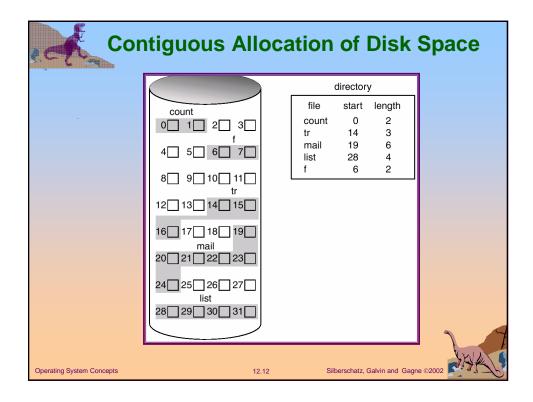


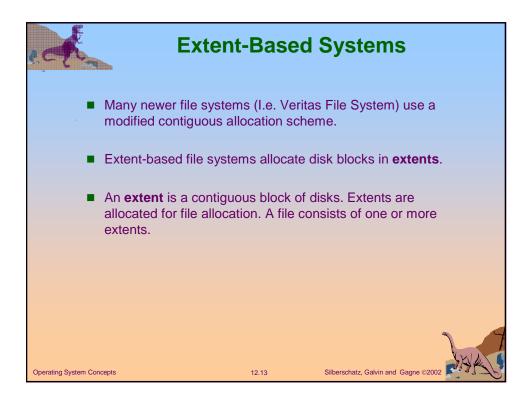


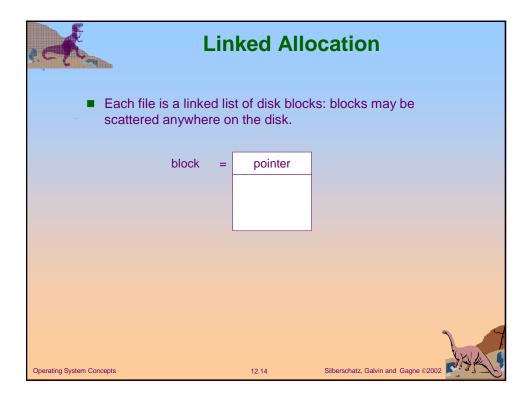


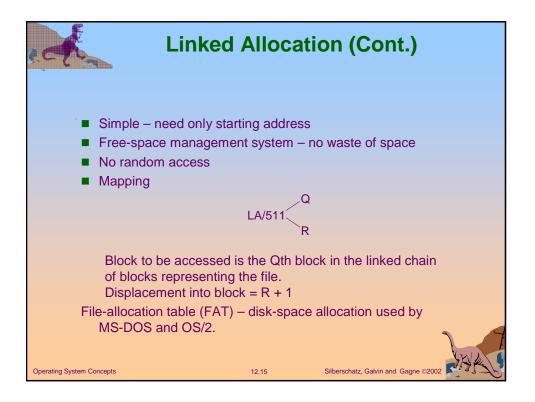




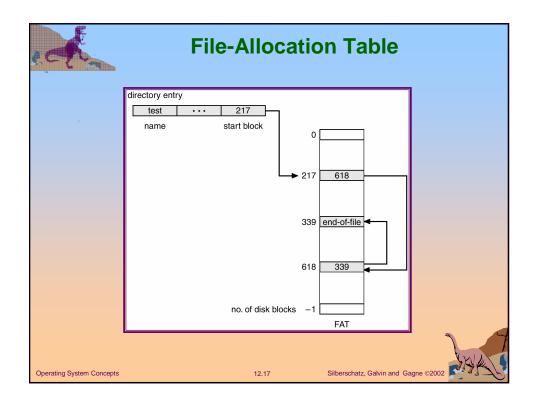


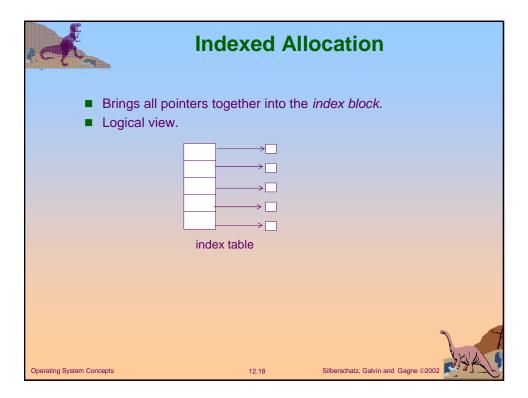


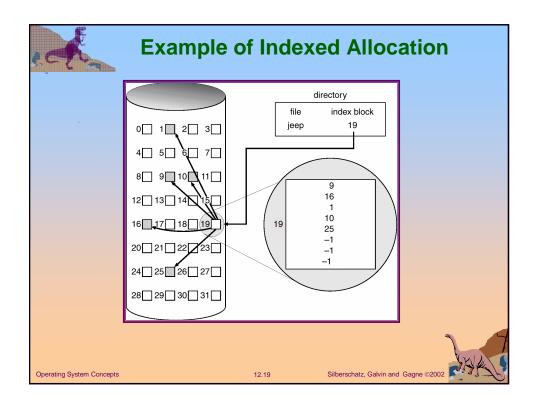


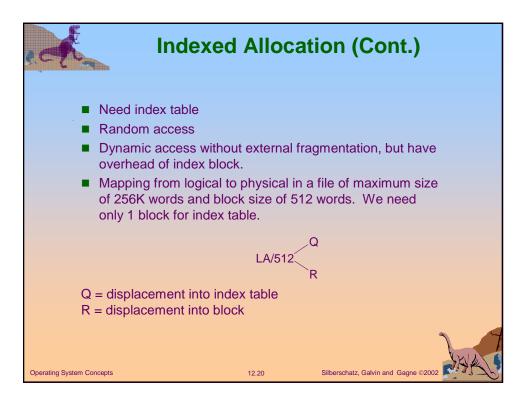


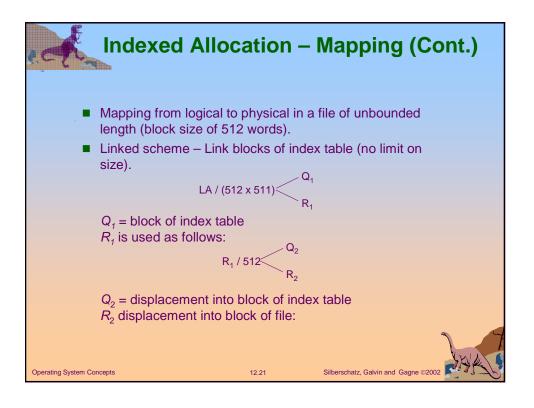
	Link	ed Allocation	
-	0 110 2 3 4 5 6 7 8 916 1025 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	directory file start end jeep 9 25	
Operating System Concepts		12.16 Silberschatz, Galvin	and Gagne ©2002

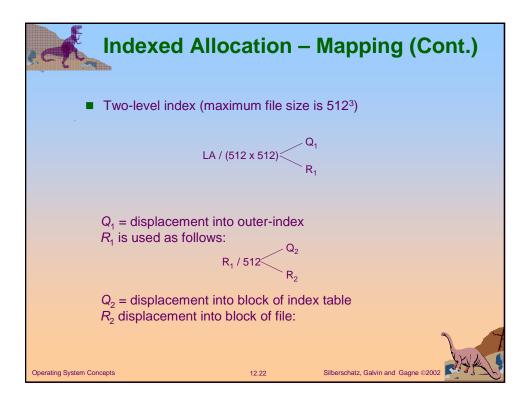


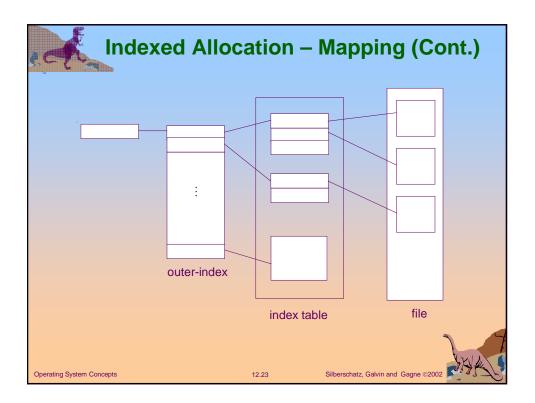


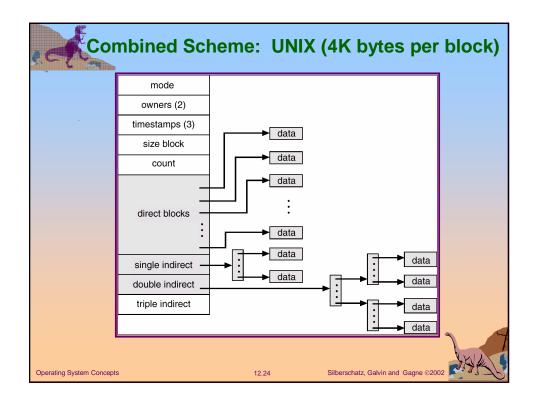




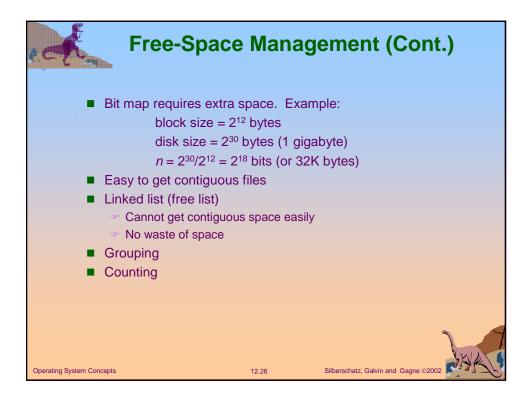


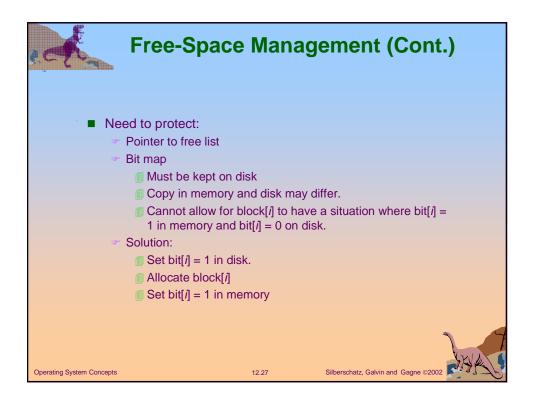






	Free-Space Ma	nagement
■ Bit vector	0 1 2	n-1
	$bit[i] = \begin{cases} 0 \Rightarrow block[i] free \\ 1 \Rightarrow block[i] occu$	ipied
Block number	calculation	
	(number of bits per word) * (number of 0-value words) + offset of first 1 bit	
Operating System Concepts	12.25	Silberschatz, Galvin and Gagne ©2002





Linked Free Space List on Disk				
- 1	free-space list head			
	12 13 14 15 16 17 18 19			
	20 21 22 23 23 24 25 26 27 4			
Operating System Concepts				

