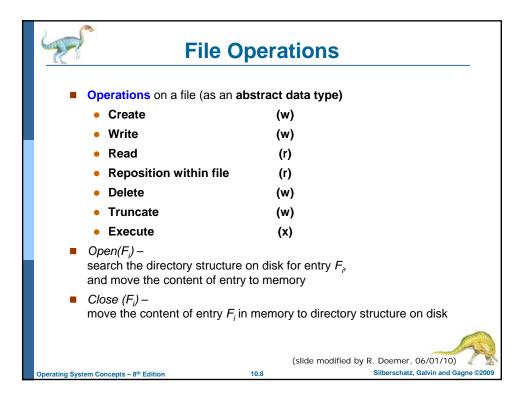
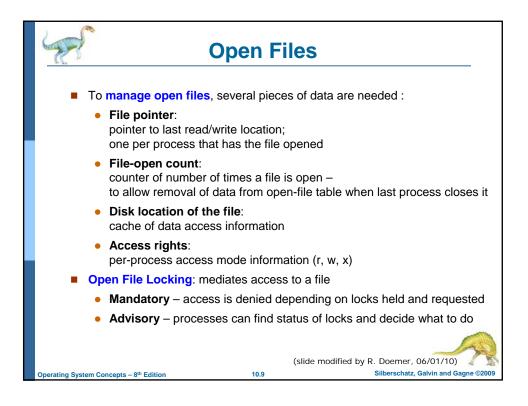
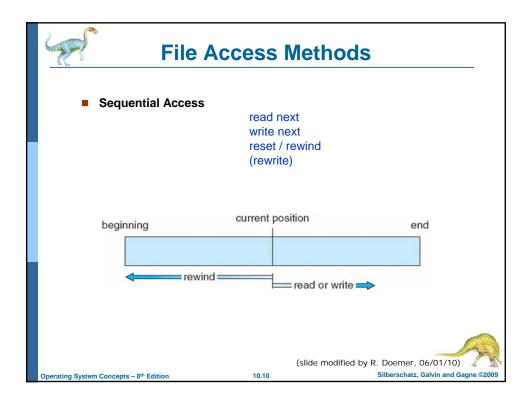


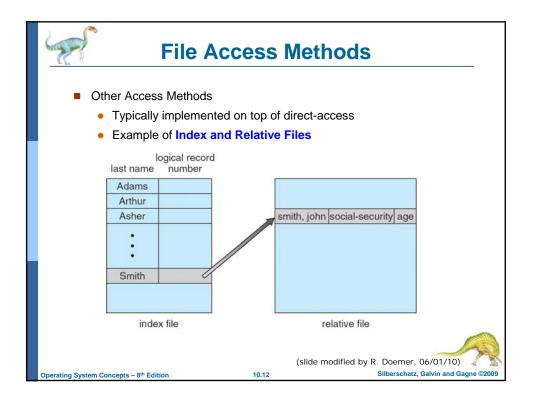
file type	usual extension	function
executable	exe, com, bin or none	ready-to-run machine- language program
object	obj, o	compiled, machine language, not linked
source code	c, cc, java, pas, asm, a	source code in various languages
batch	bat, sh	commands to the command interpreter
text	txt, doc	textual data, documents
word processor	wp, tex, rtf, doc	various word-processor formats
library	lib, a, so, dll	libraries of routines for programmers
print or view	ps, pdf, jpg	ASCII or binary file in a format for printing or viewing
archive	arc, zip, tar	related files grouped into one file, sometimes com- pressed, for archiving or storage
multimedia	mpeg, mov, rm, mp3, avi	binary file containing audio or A/V information

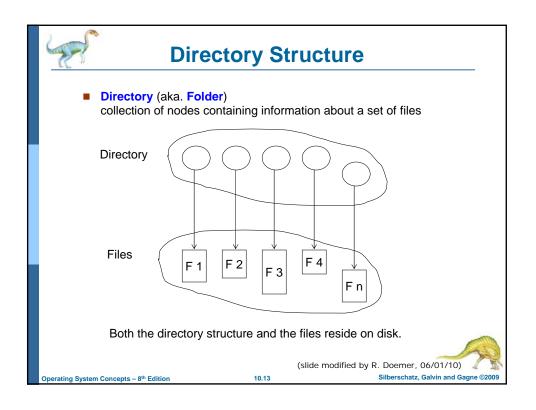


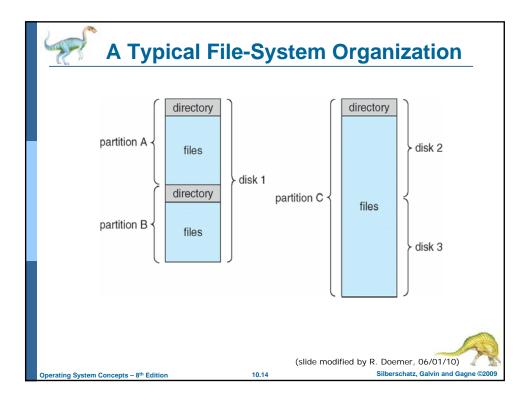


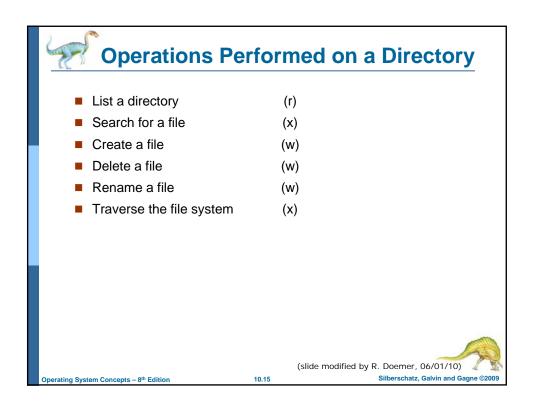


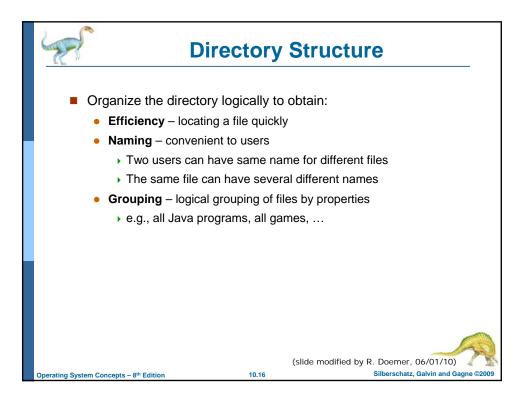
File Access Methods								
Direct Access read n write n								
position to <i>n</i> read next write next rewrite <i>n</i>								
<i>n</i> = relative block numberSimulation of Sequential Access on Direct-access File								
	sequential access	implementation for direct access						
	reset	<i>cp</i> = 0;						
	read next	$\begin{array}{l} \textit{read cp;} \\ \textit{cp} = \textit{cp} + \textit{1;} \end{array}$						
	write next	write cp ; cp = cp + 1;						
(slide modified by R. Doemer, 06/01/10)								
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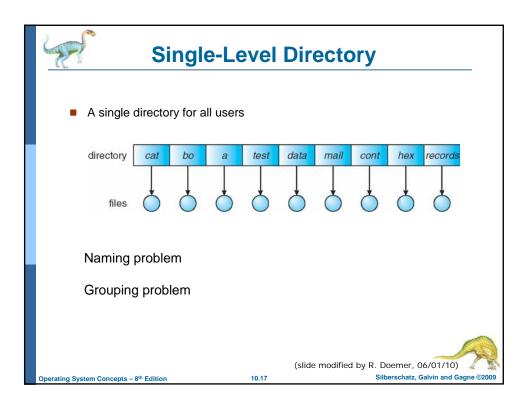


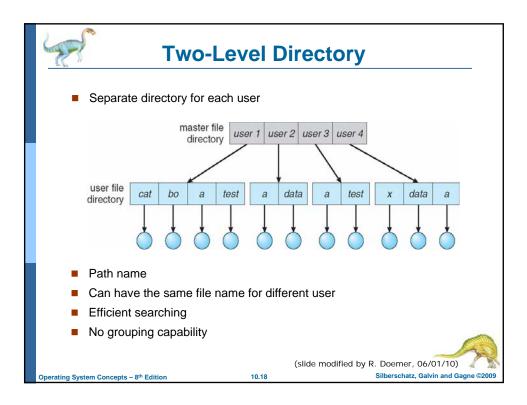


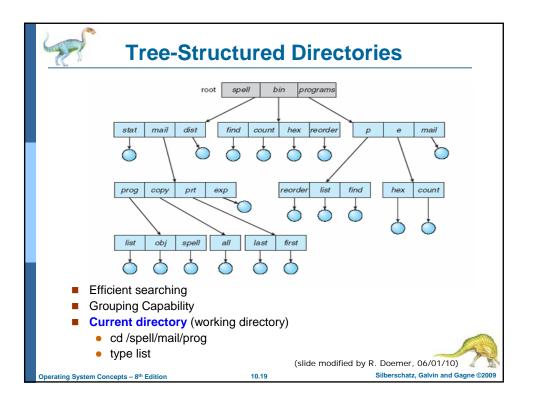


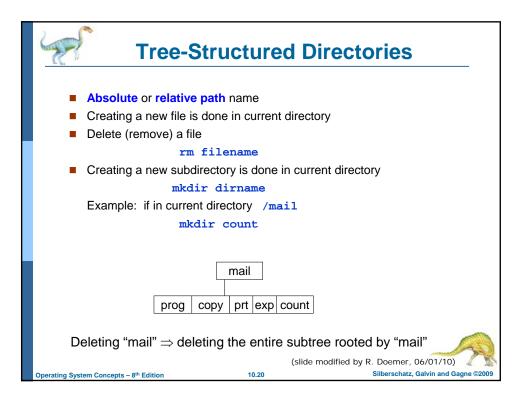


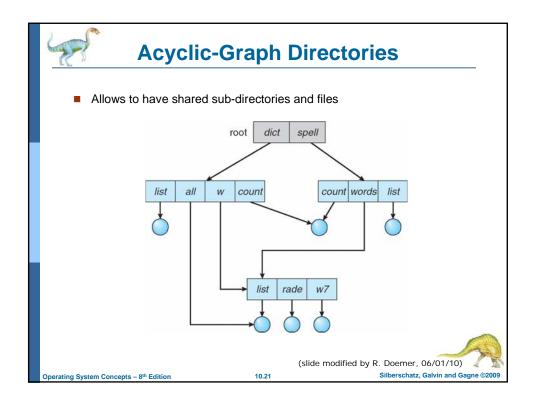


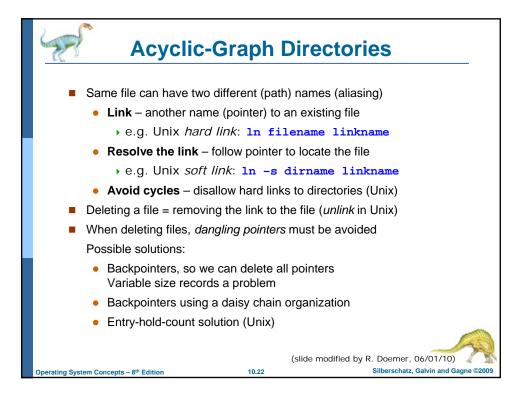


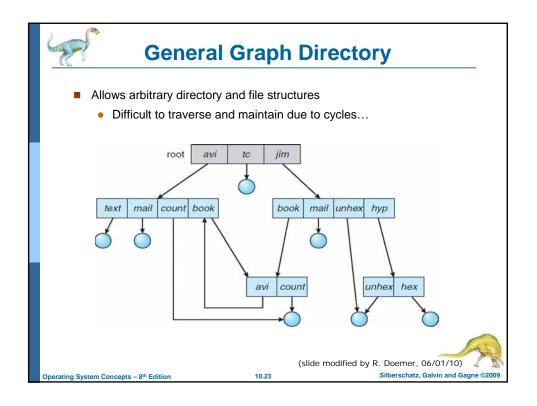


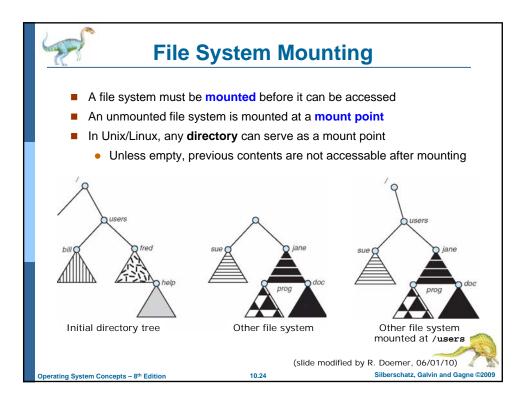


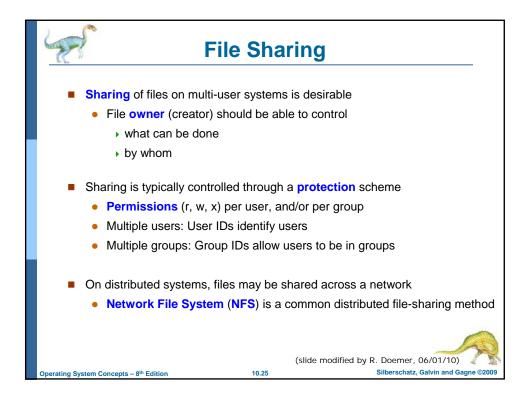


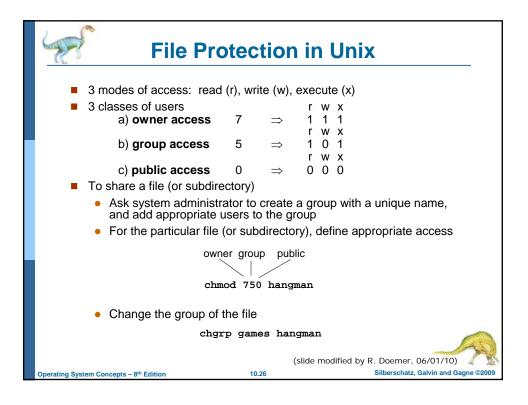












A Sample UNIX Directory Listing									
% ls -1									
-rw-rw-r	1 pbg	staff	31200	Sep 3 08:30	intro.ps				
drwx	5 pbg	staff	512	Jul 8 09.33	private/				
drwxrwxr-x	2 pbg	staff	512	Jul 8 09:35	doc/				
drwxrwx	2 pbg	student	512	Aug 3 14:13	student-proj/				
-rw-rr	1 pbg	staff	9423	Feb 24 2003	program.c				
-rwxr-xr-x	1 pbg	staff	20471	Feb 24 2003	program				
drwxxx	4 pbg	faculty	512	Jul 31 10:31	lib/				
drwx	3 pbg	staff	1024	Aug 29 06:52	mail/				
drwxrwxrwx	3 pbg	staff	512	Jul 8 09:35	test/				
type access #li	nks owner	group	size	date	name				
(slide modified by R. Doemer, 06/01/10)									
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