

































































	Swap-Space Management	جًـامعة المَـنارة
em O	Swap-space — Virtual memory uses disk space as an extension of main memory	
© syst	Less common now due to memory capacity increases	
<ul> <li>O</li> <li>O</li></ul>	* Swap-space can be carved out of the normal file system, or, more commonly, it can be in a separate disk partition (raw)	
era	* Swap-space management	
0 d	> 4.3BSD allocates swap space when process starts; holds text segment (the program) and data segment	
C	Kernel uses swap maps to track swap-space use	
Õ	> Solaris 2 allocates swap space only when a dirty page is forced out of physical memory, not when the virtual memory page is first created	
	✓ File data written to swap space until write to file system requested	
	<ul> <li>Other dirty pages go to swap space due to no other home</li> </ul>	
चि चि	<ul> <li>Text segment pages thrown out and reread from the file system as needed</li> </ul>	
🔵 🔵 🗑 🔘 🔘 .M. Khalifeh	* What if a system runs out of swap space?	
O Z	✤ Some systems allow multiple swap spaces	
0.7		
0		
0		









































