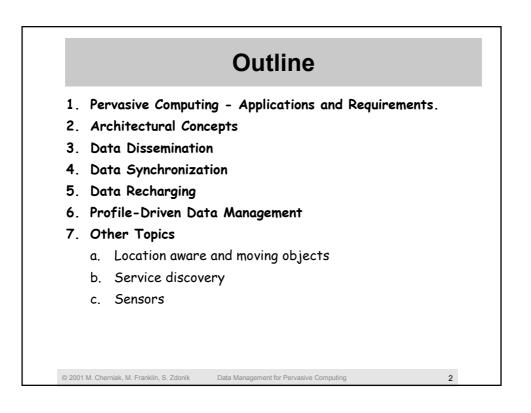
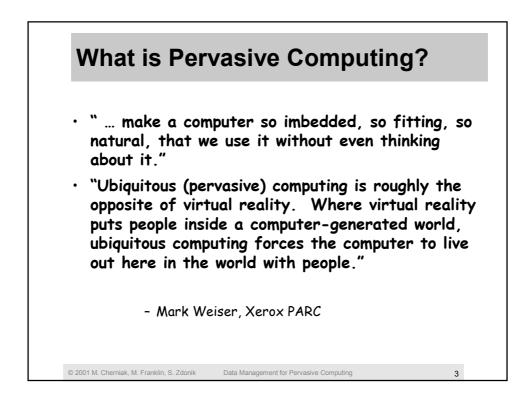
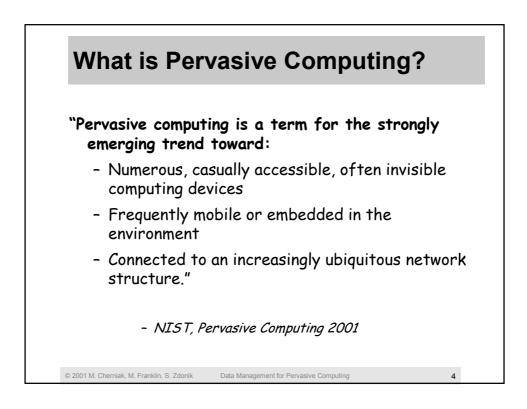
Data Management for Pervasive Computing

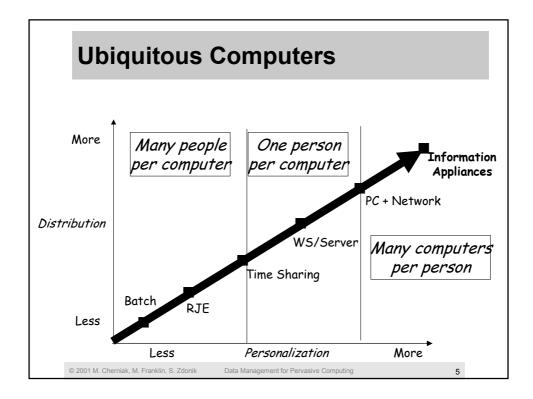
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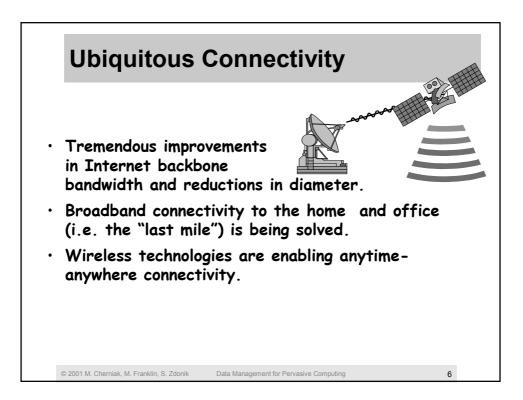
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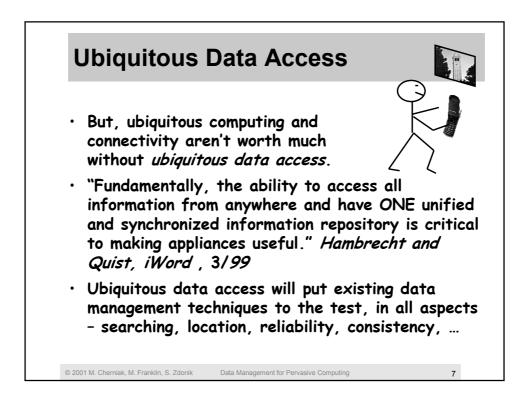


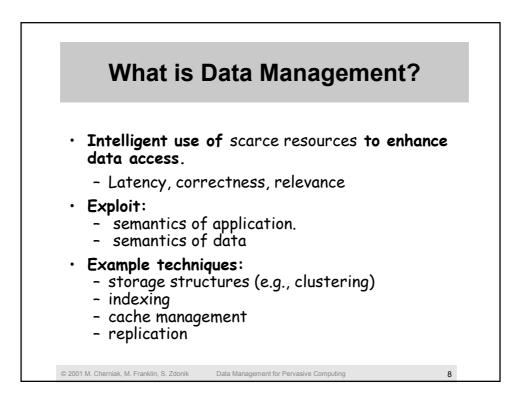


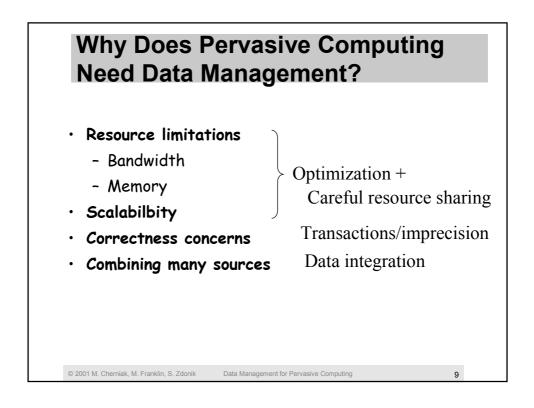


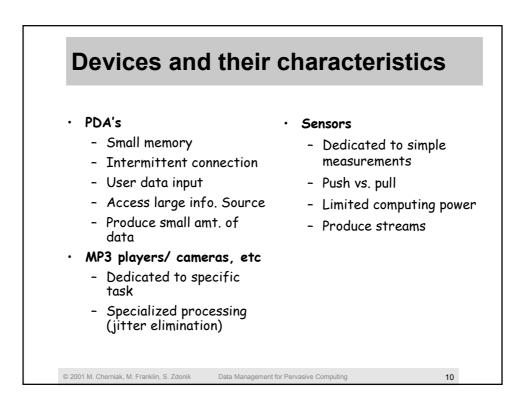


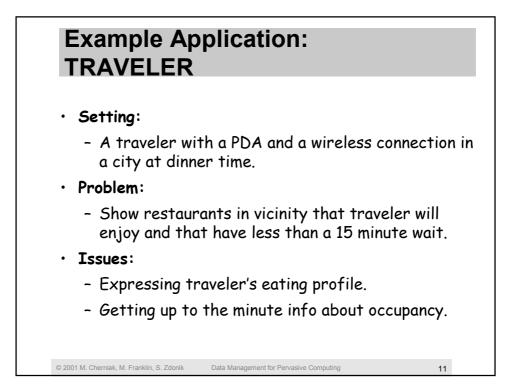


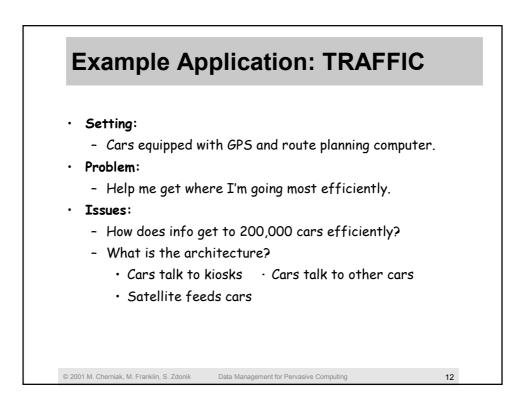


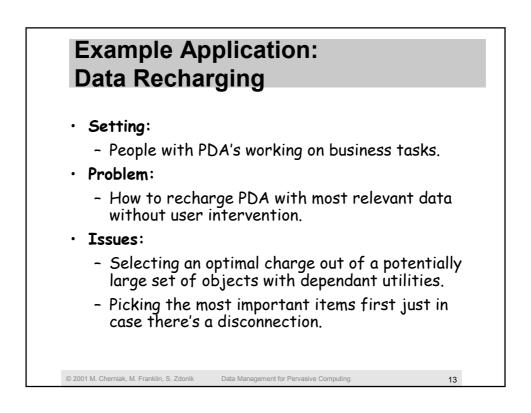


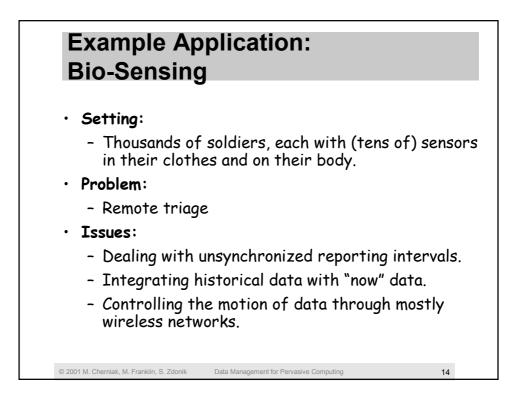


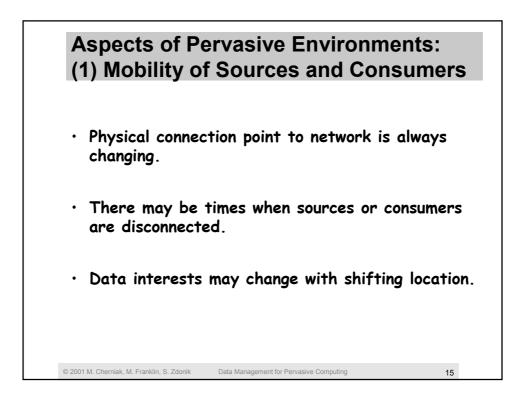


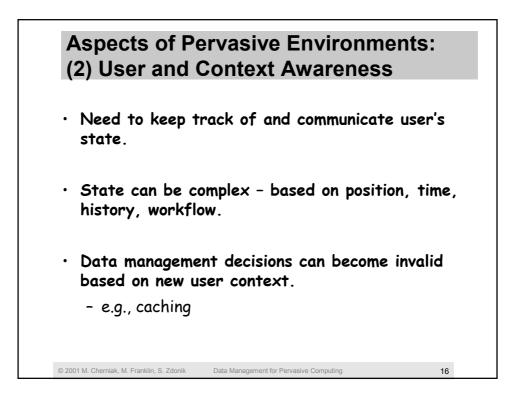


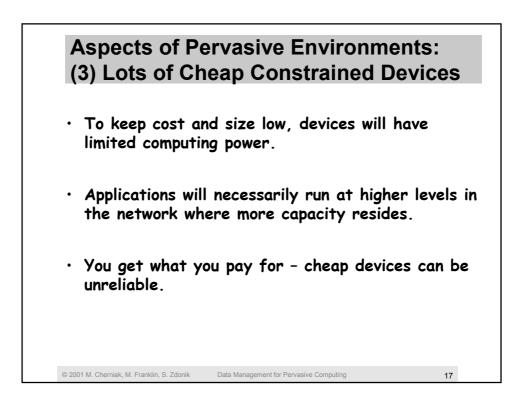


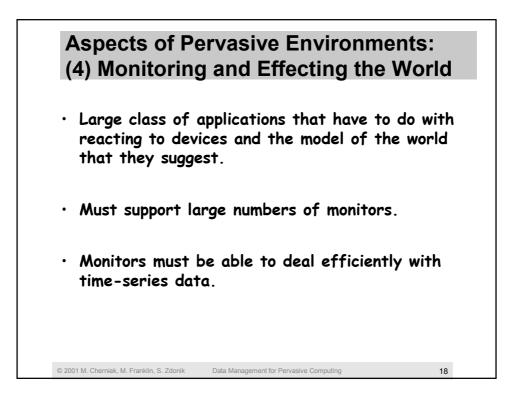


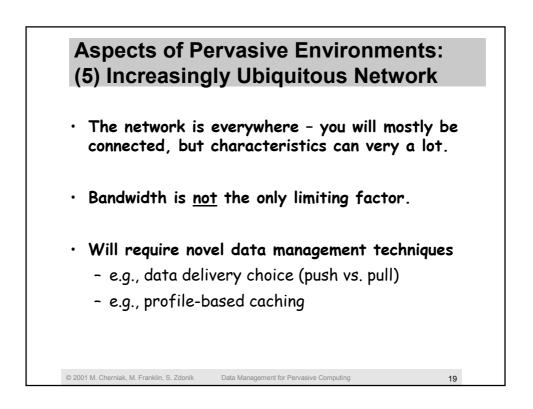


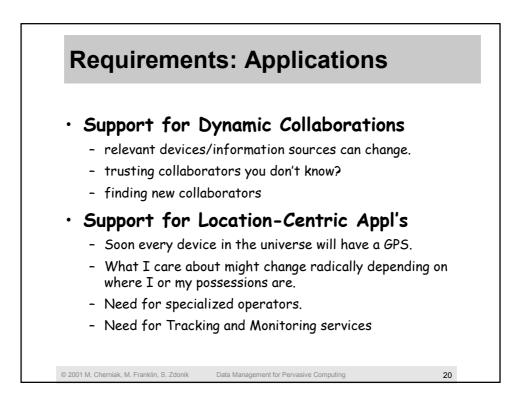


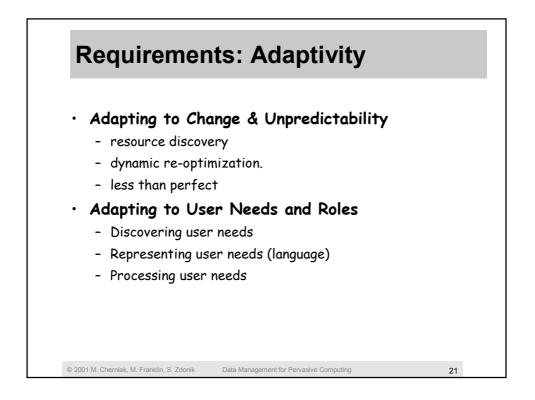


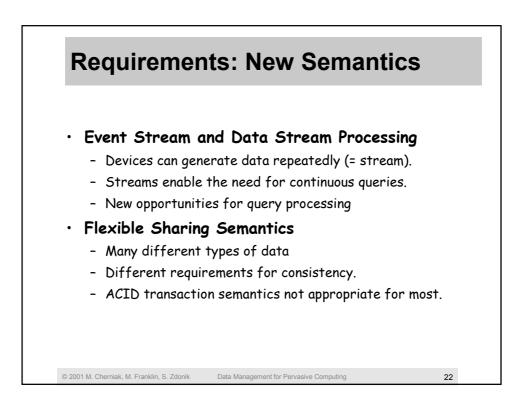


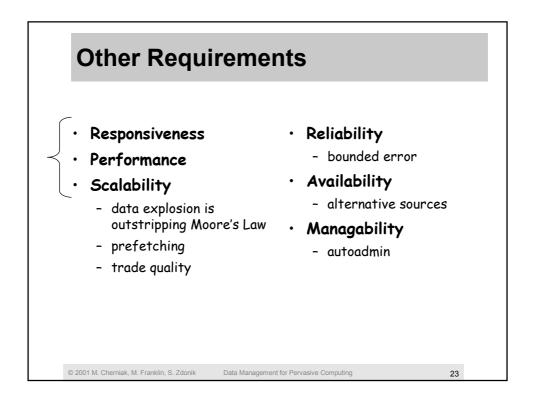


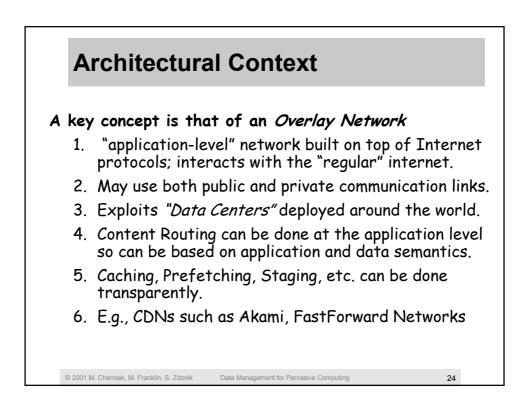


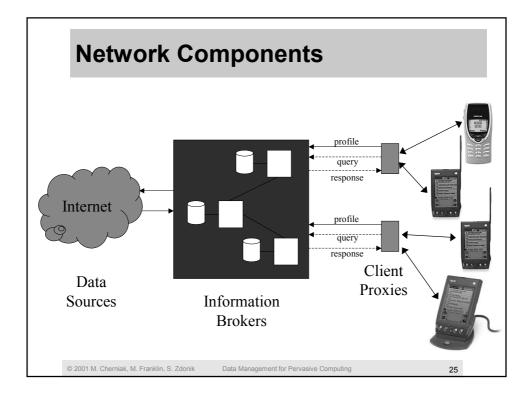


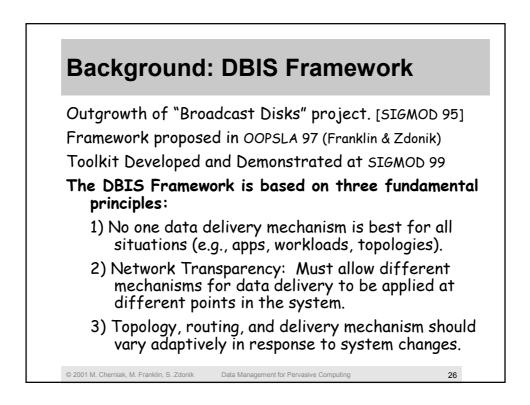


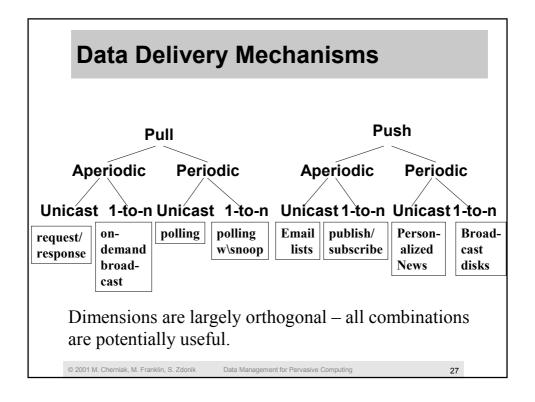


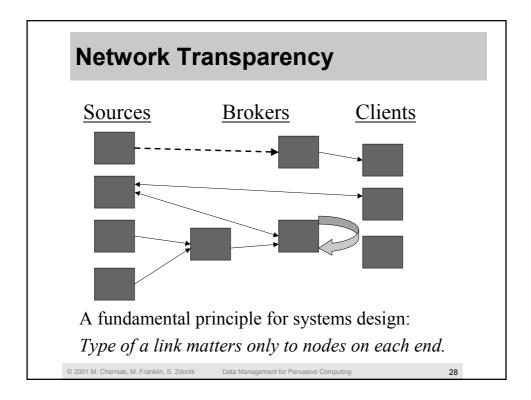


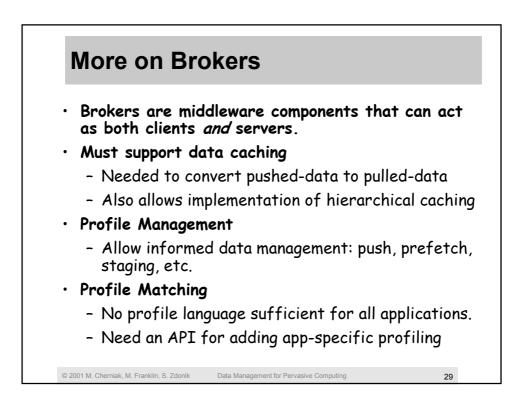


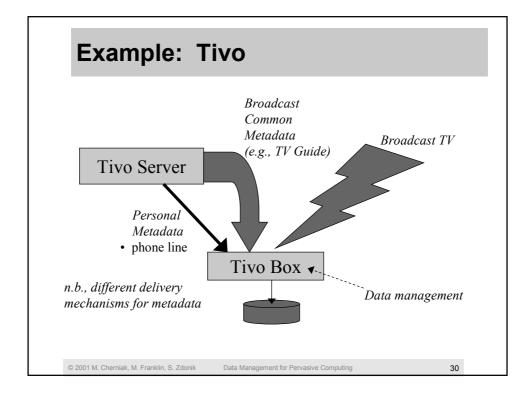


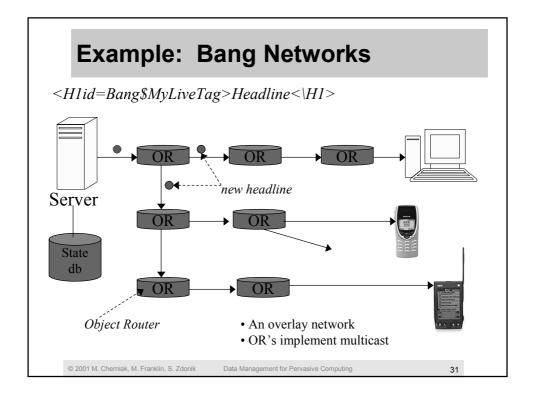


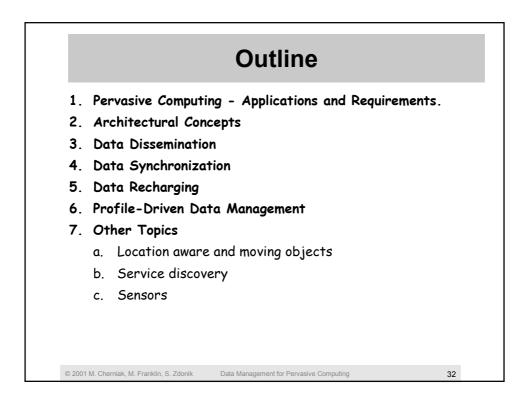


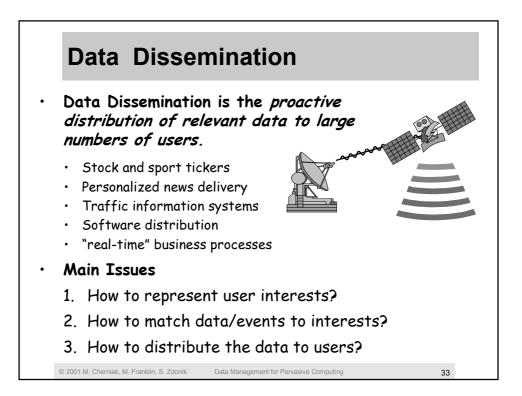


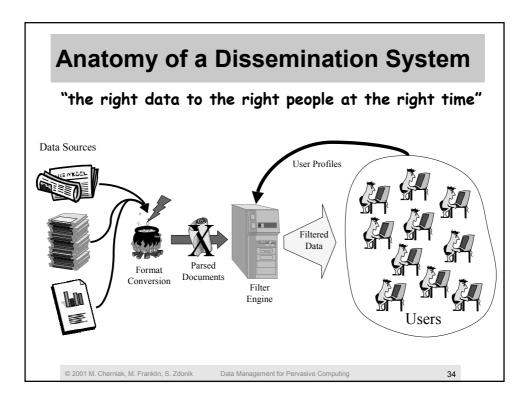


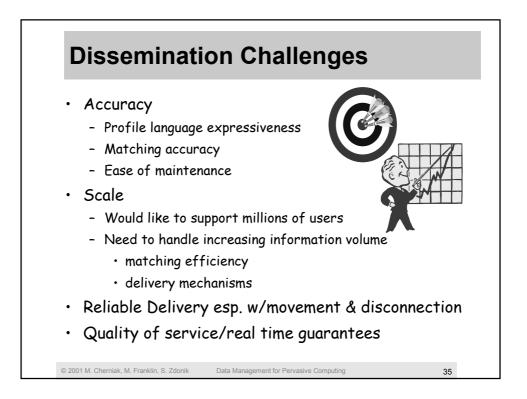


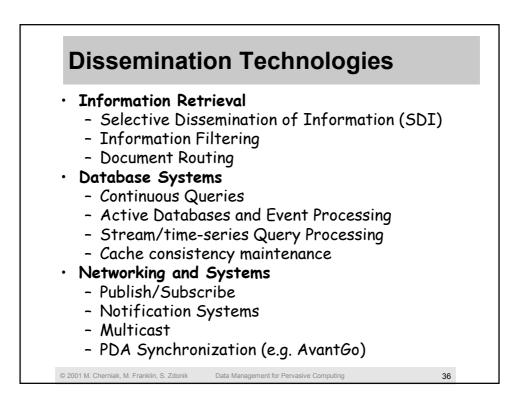


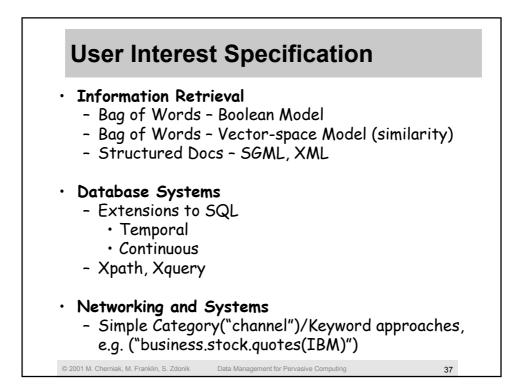


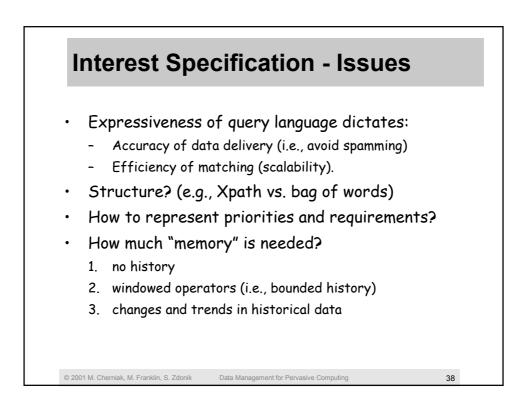


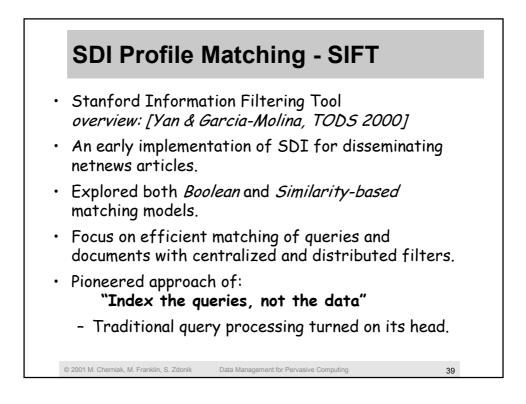


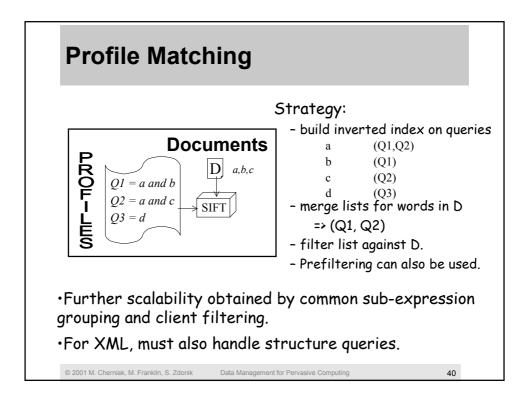


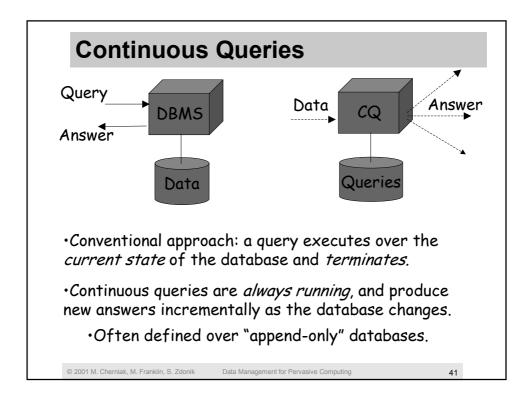


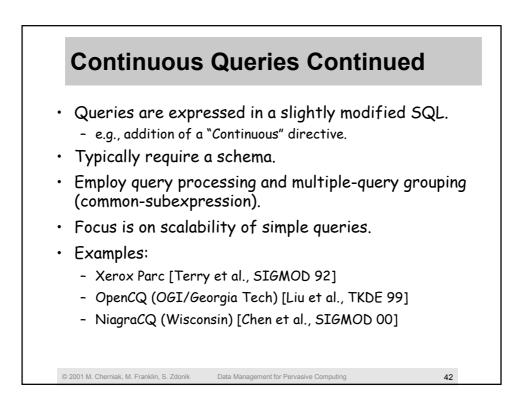


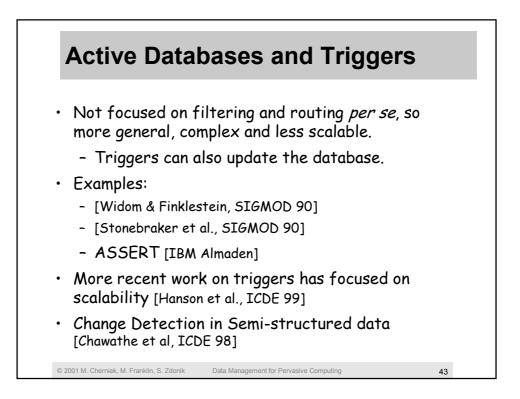


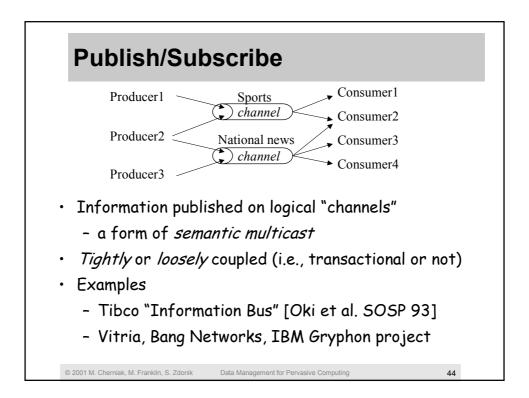


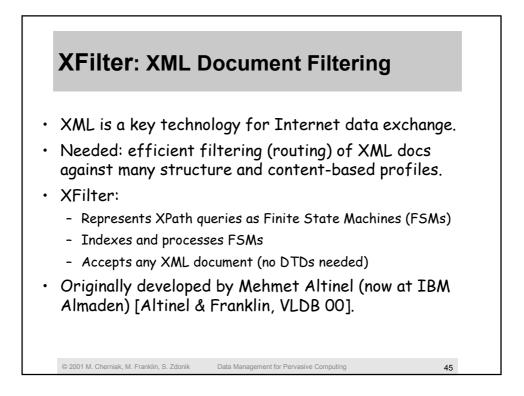


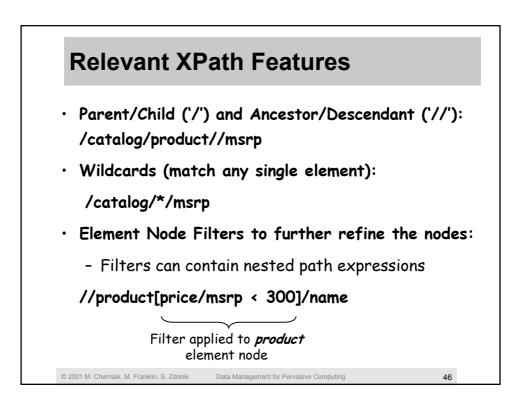


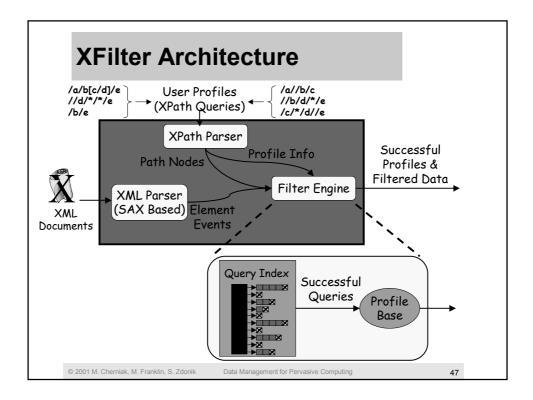


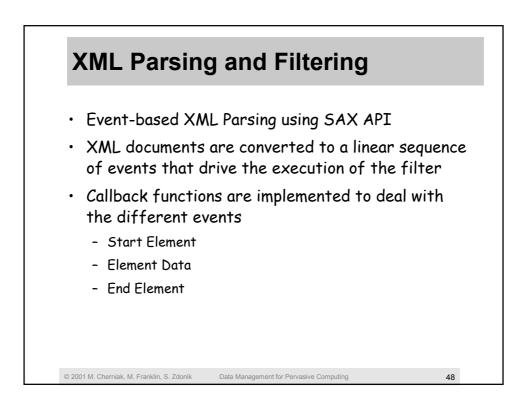


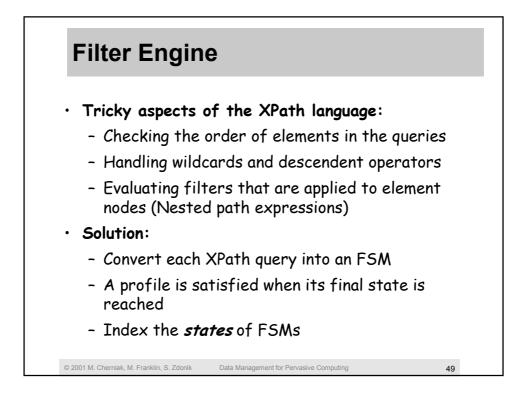


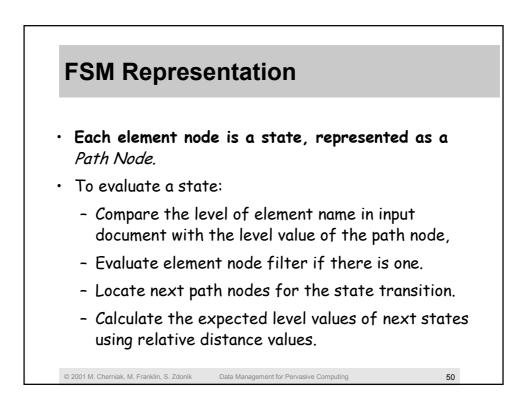


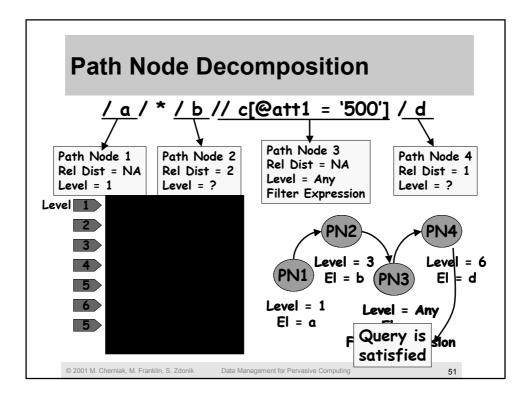


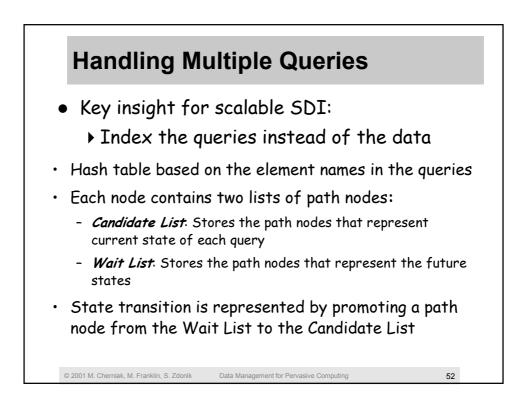


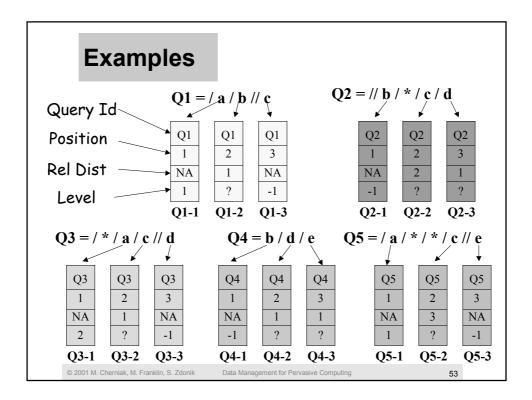


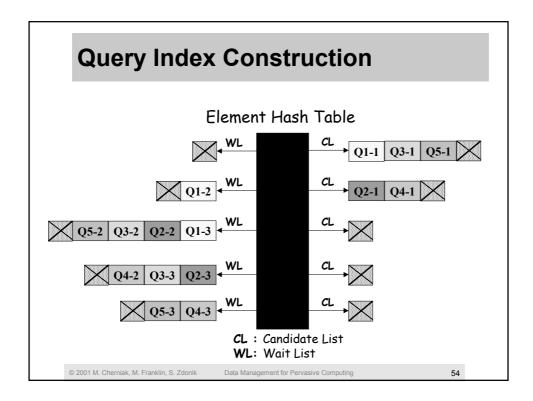


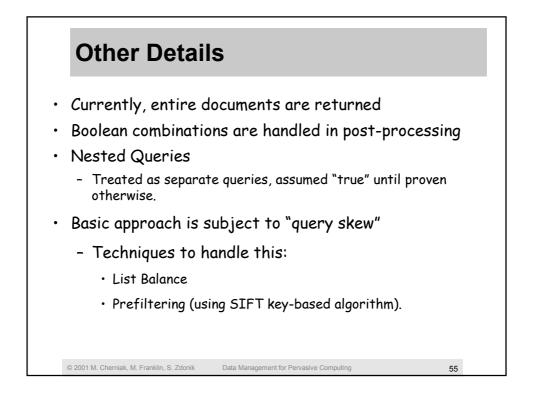


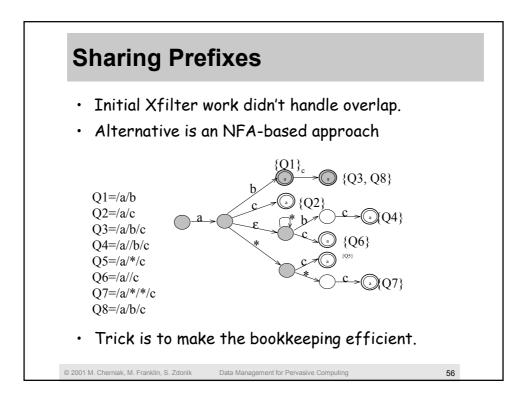


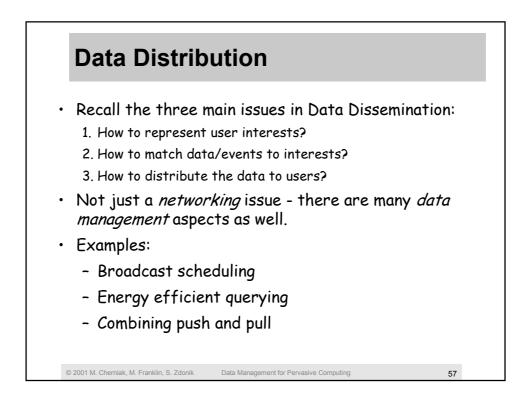


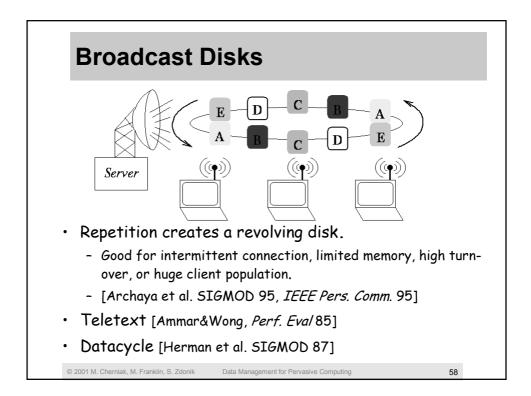


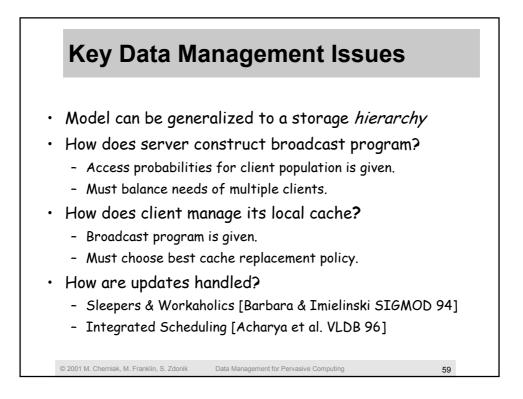


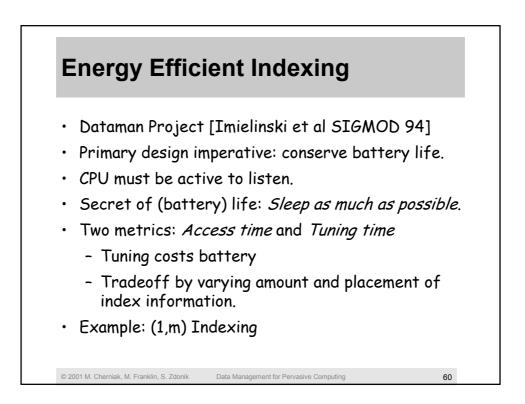


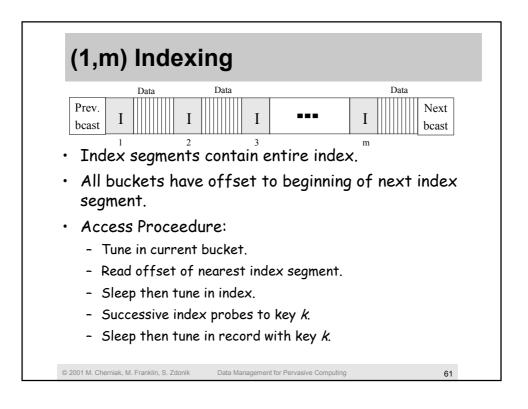


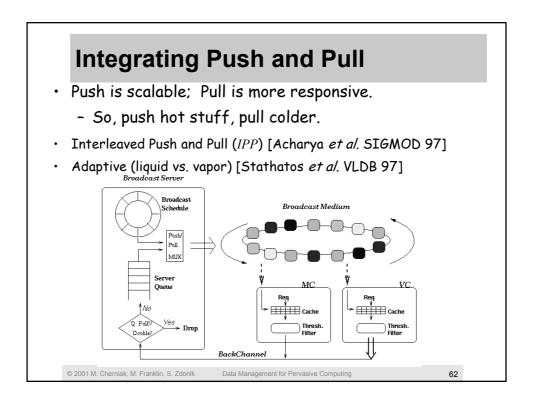


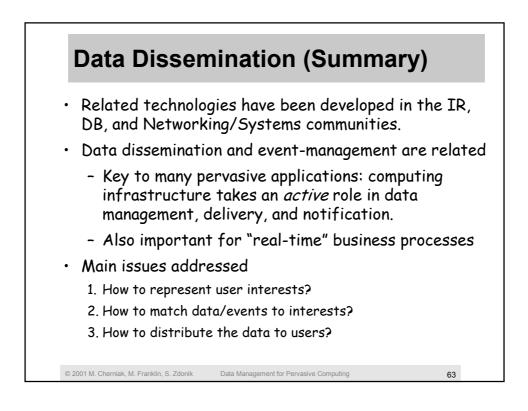


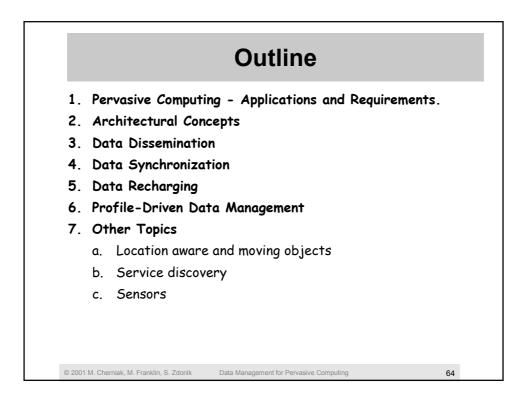


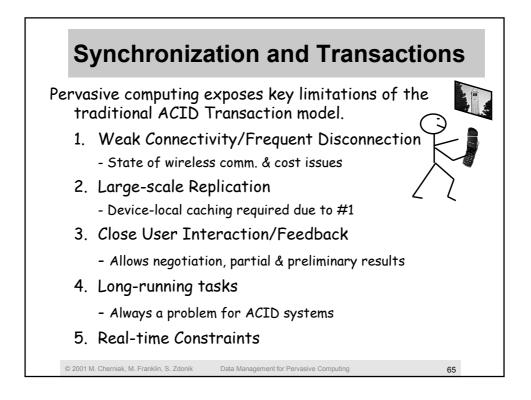


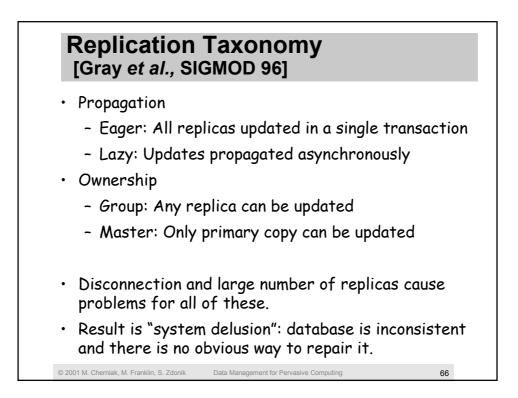


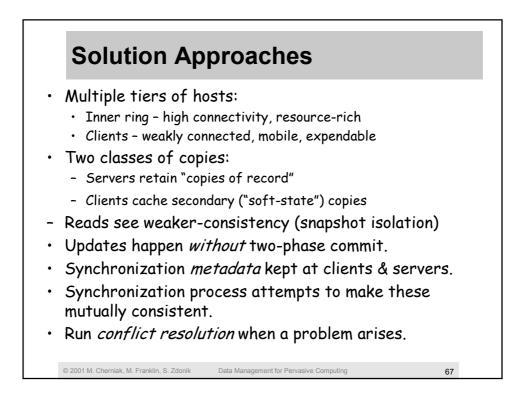


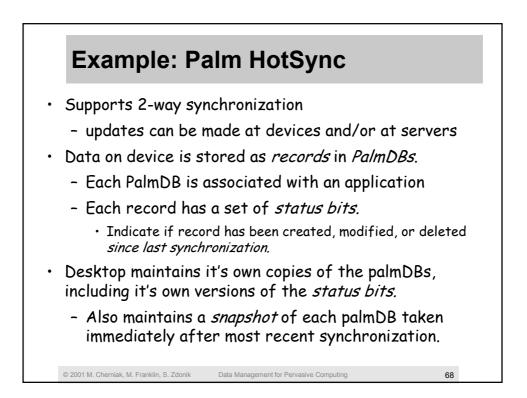


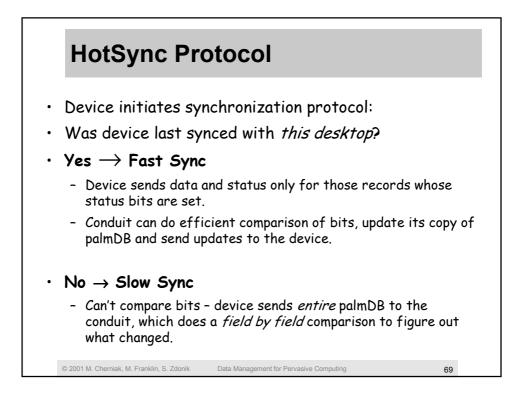




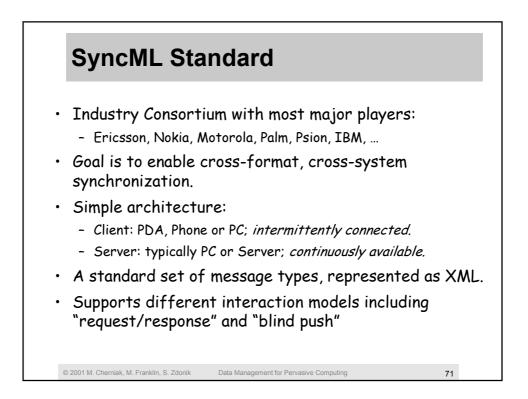


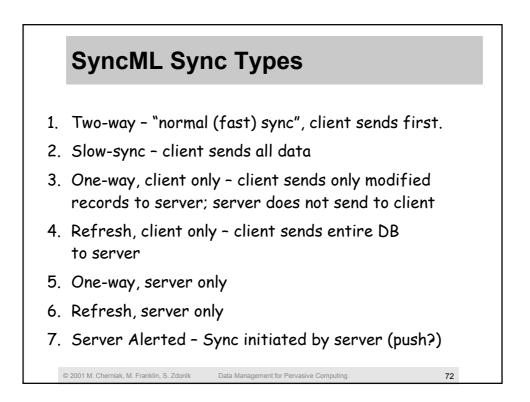


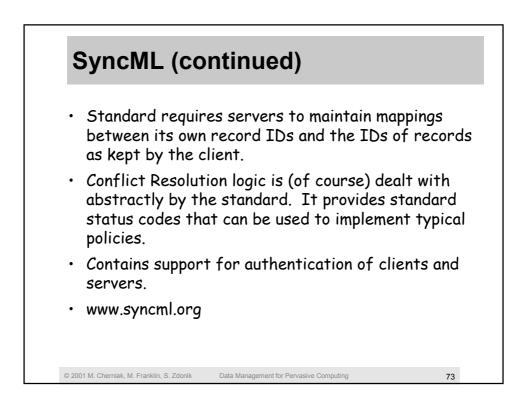


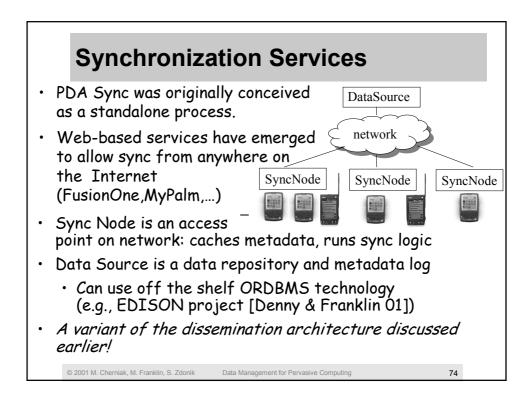


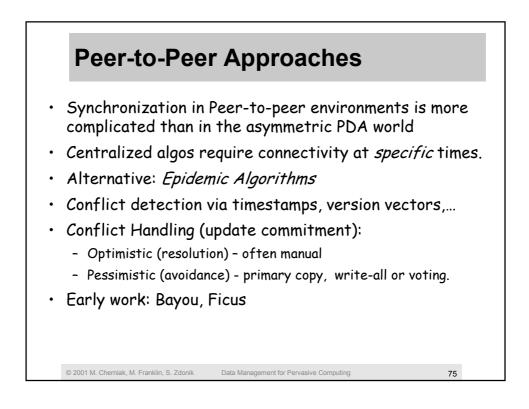
HotSync (continued)		
	status bits (and pos e <i>synchronization lo<u>g</u> o perform</i> .	
Status on Device	Status on Desktop	Action
Created	NA	Send to Desktop
NA	Created	Send to Device
Deleted	No Change	Delete from Desktop
Deleted	Updated	Send to Device
No Change	Updated	Send to Device
Updated	Updated	Invoke Conflict Resolution

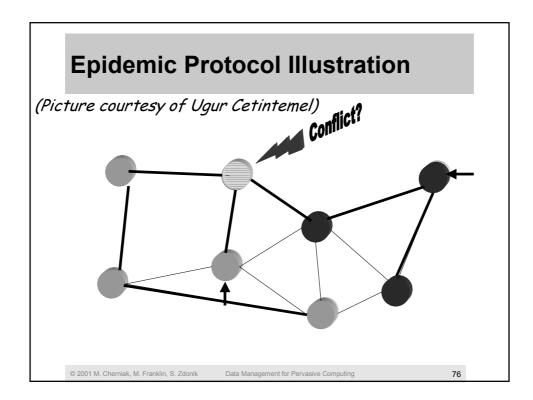


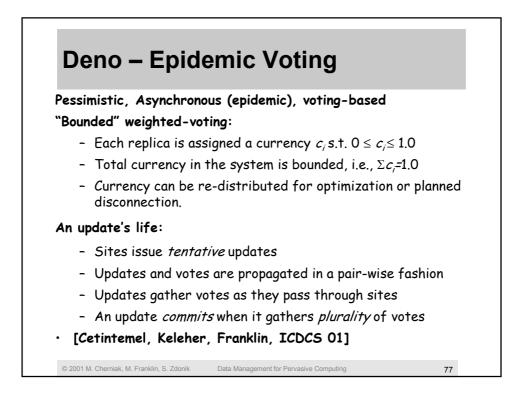


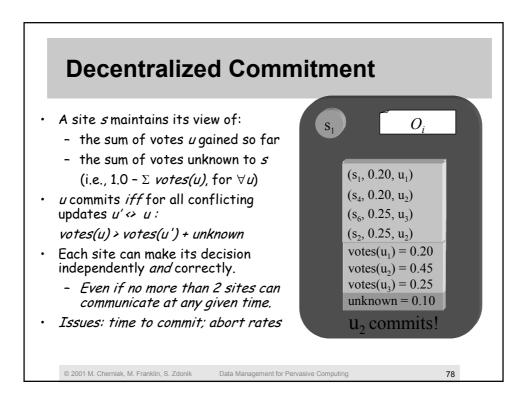


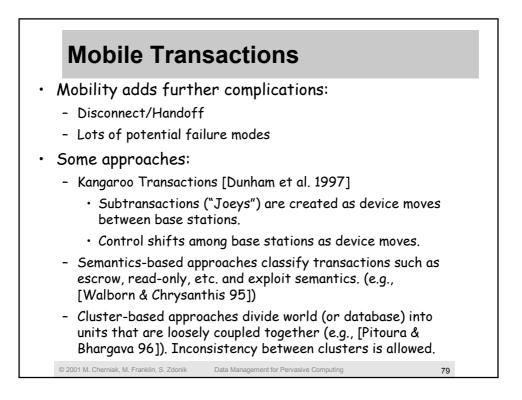




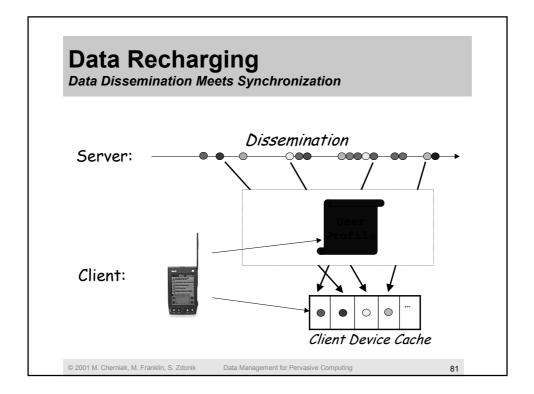


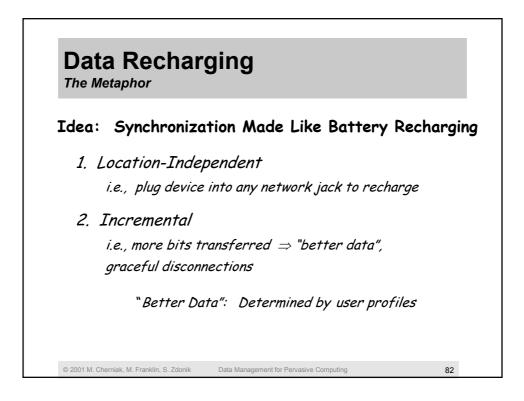


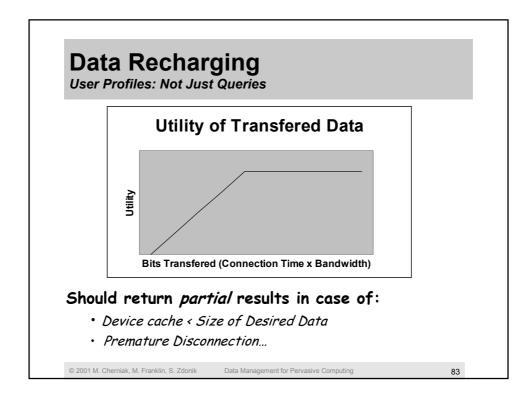


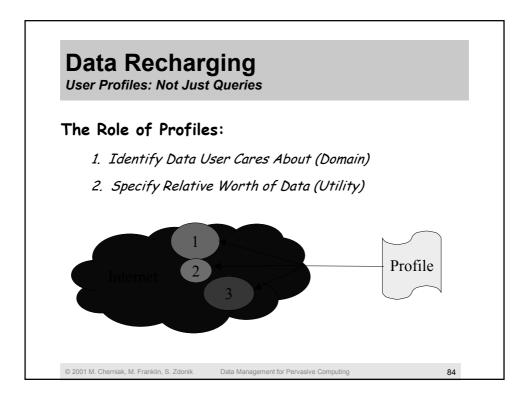


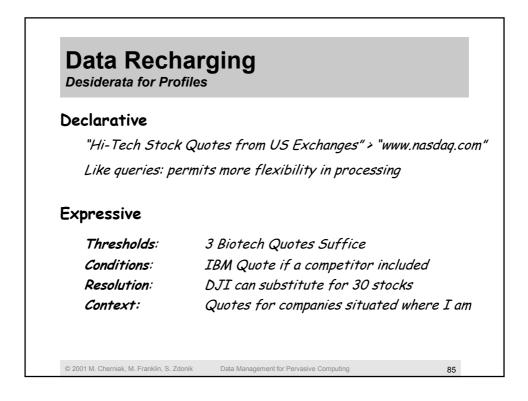
	Pervasive Computing – Applications and Requirements.					
2.	Architectural Concepts					
3.	Data Dissemination					
4.	Data Synchronization					
5.	Data Recharging					
6.	Profile-Driven Data Management					
7.	Other Topics					
	a. Location aware and moving objects					
	b. Service discovery					
	c. Sensors					



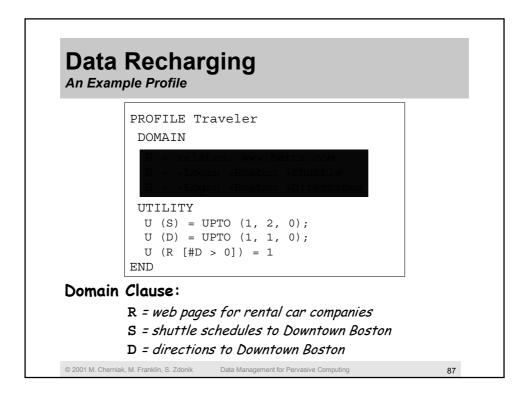


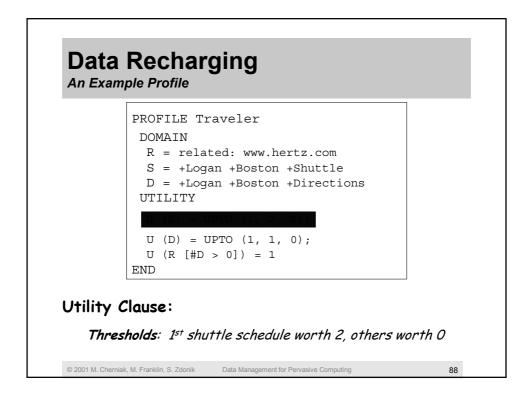


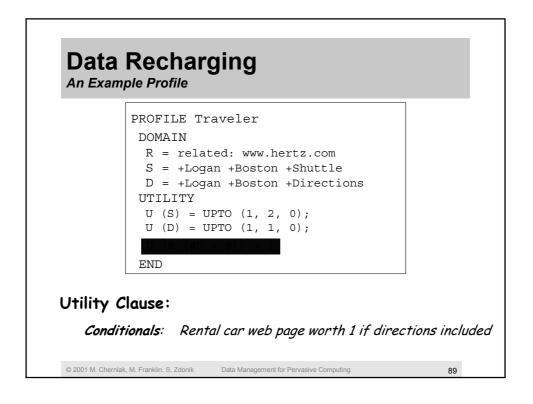


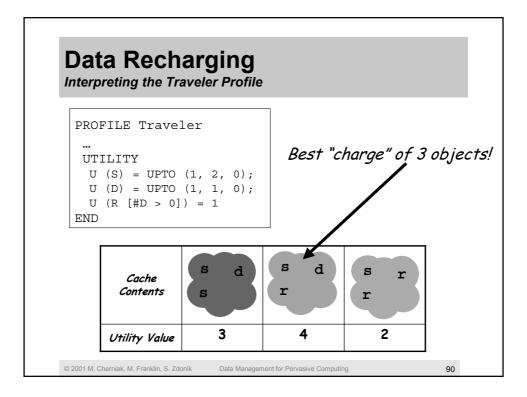


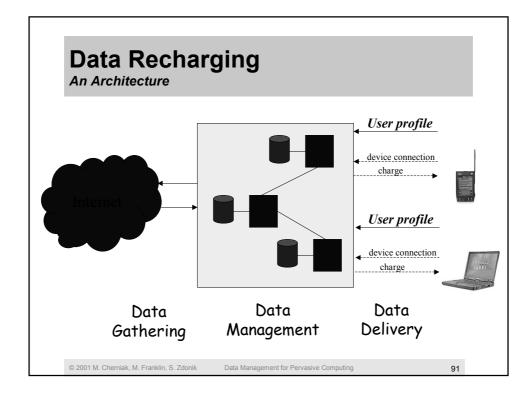
PROFILE Traveler	
DOMAIN	
R = related: www.hertz.com	
S = +Logan +Boston +Shuttle	
D = +Logan +Boston +Directions	
U(S) = UPTO(1, 2, 0);	
U (D) = UPTO (1, 1, 0);	
U (R [#D > 0]) = 1	
END	

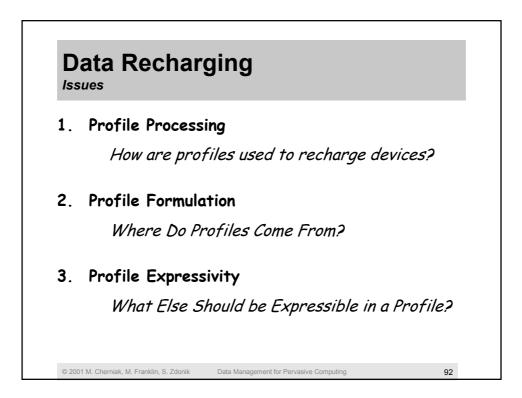


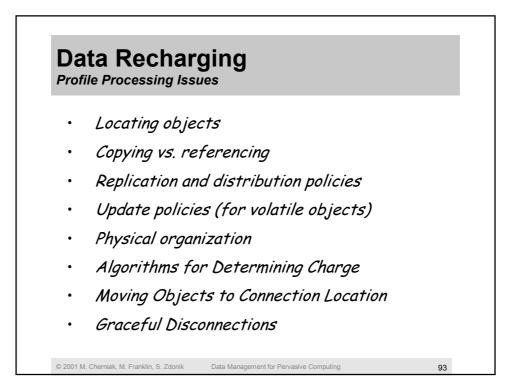


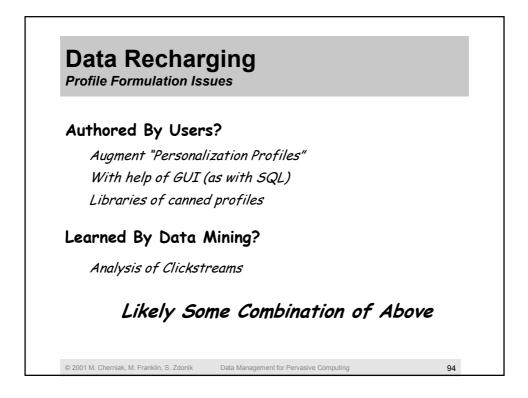


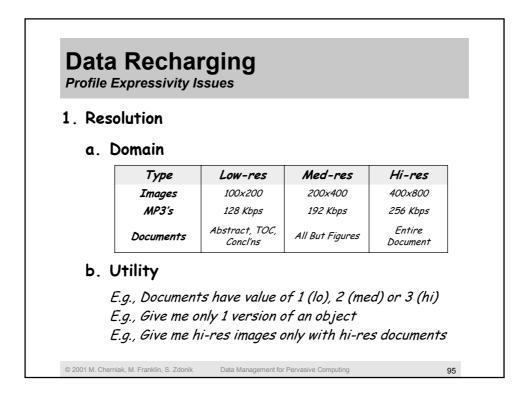


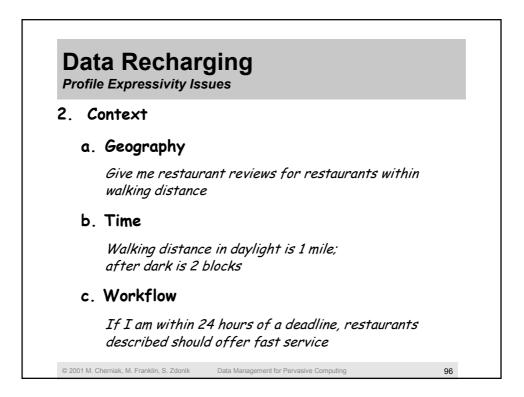


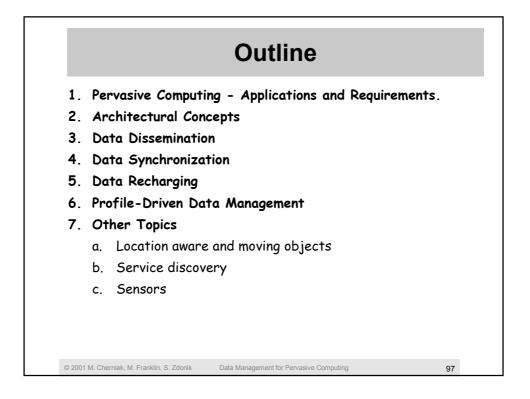


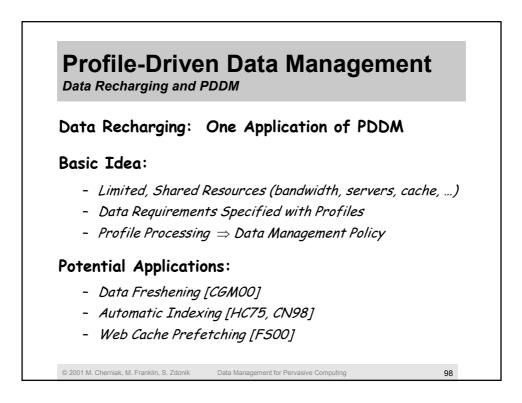


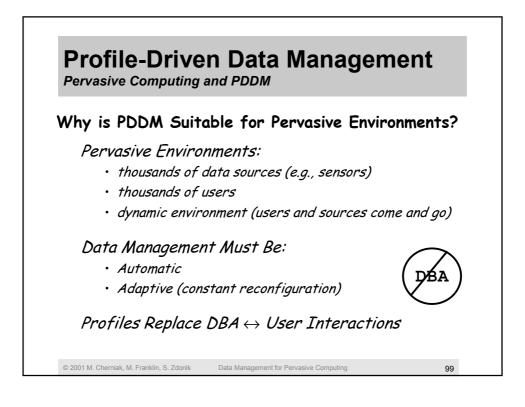


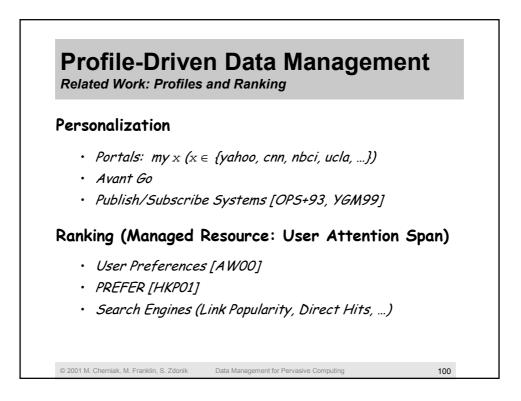


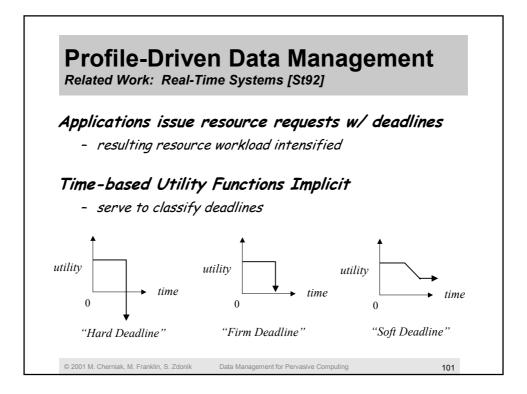


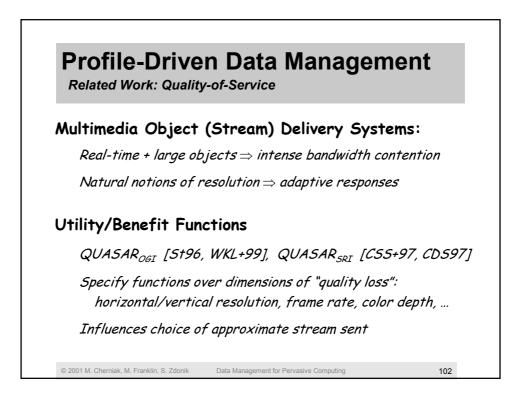


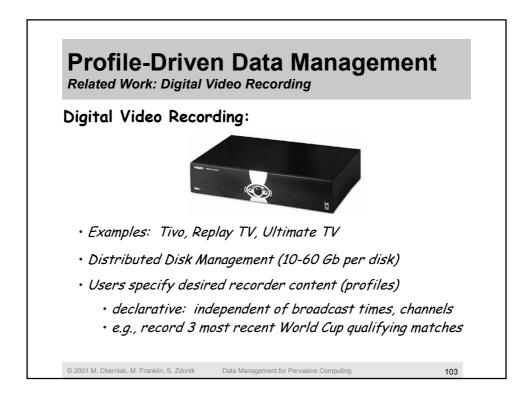


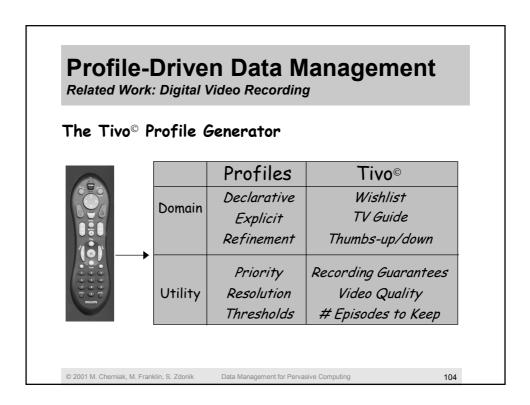


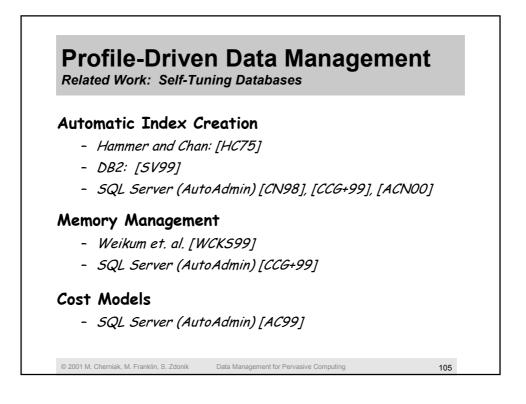


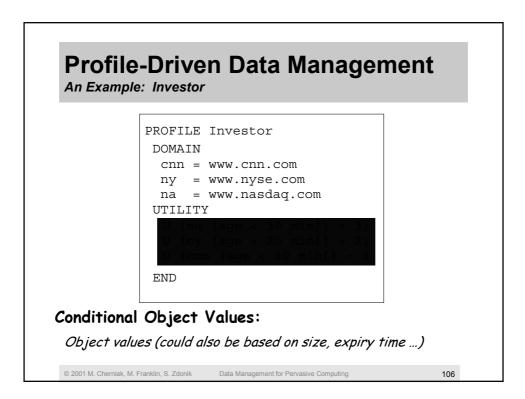


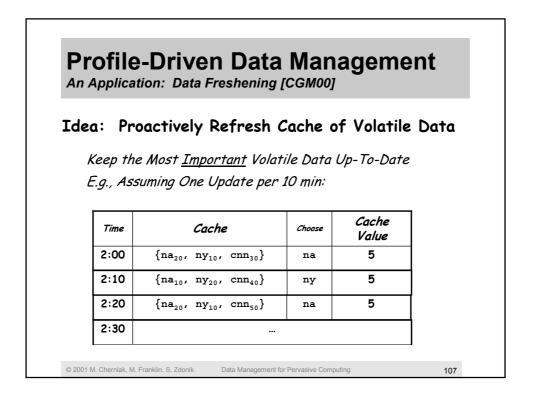


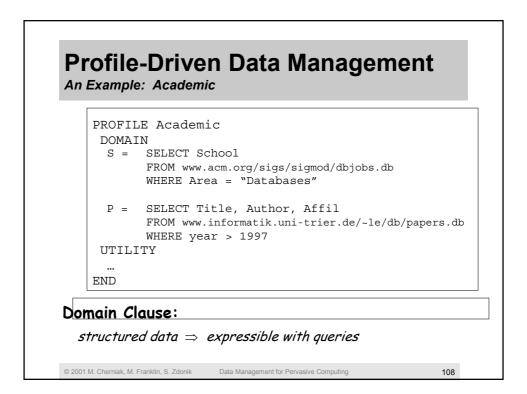


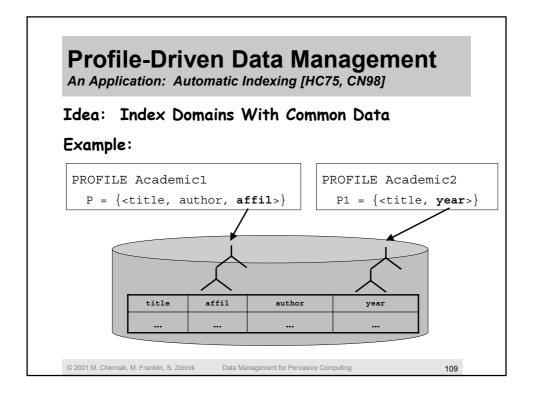


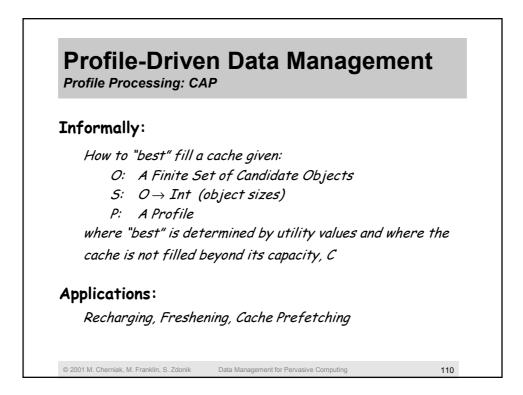


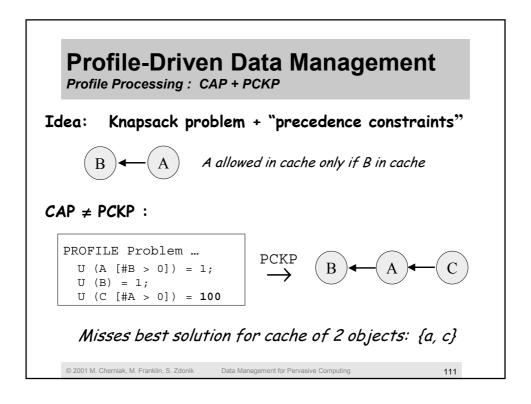




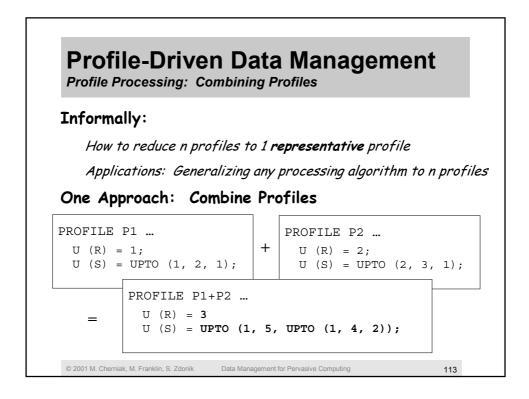


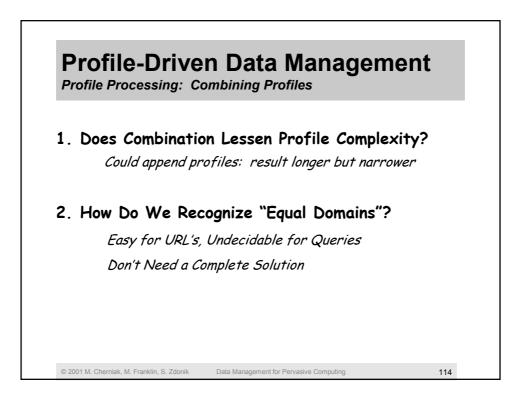


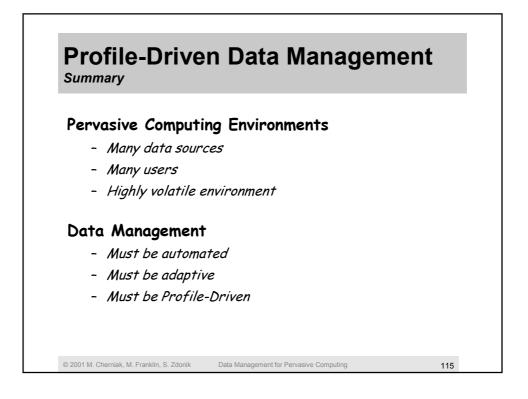


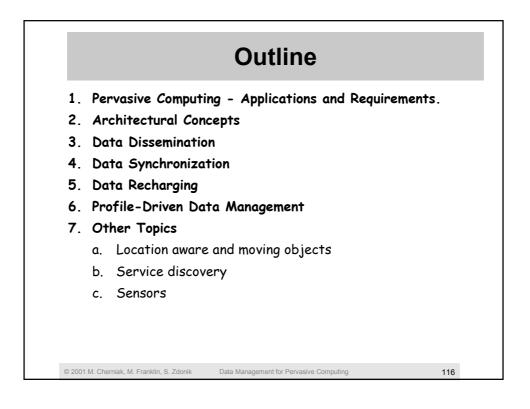


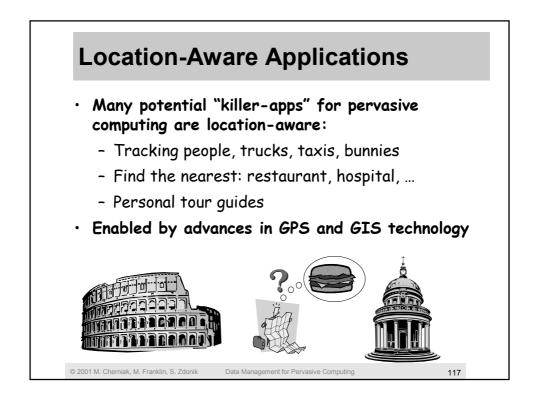
	riven Data Maing: CAP + Greedy Algori	
	PROFILE Traveler DOMAIN R, S, D UTILITY U (S) = UPTO (1, 2, U (D) = UPTO (1, 1, U (R [#D > 0]) = 1 END	
# Objects Sen	t Data In Cache	Total Utility
1	S	2
2	S, D	3
3	S, D, R	4
		5

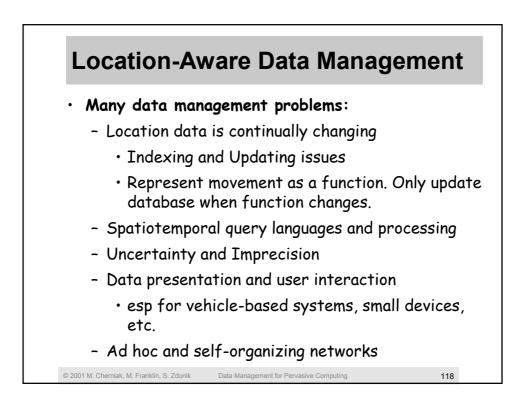


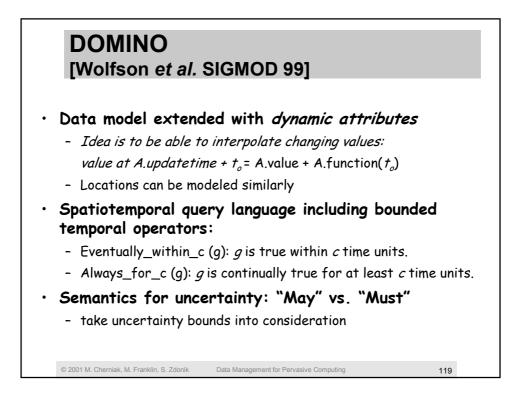


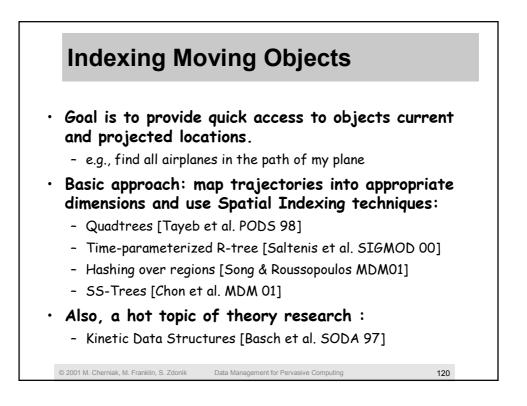


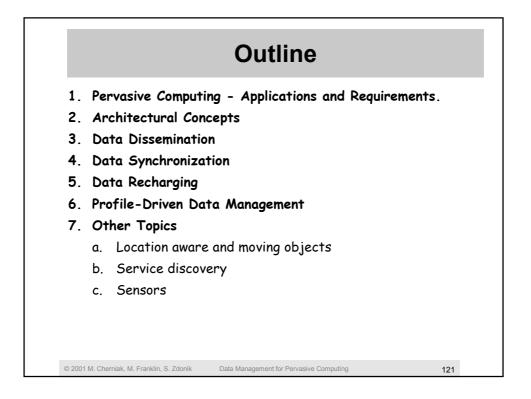


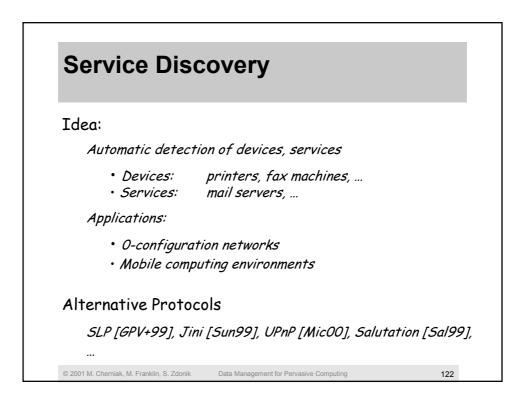


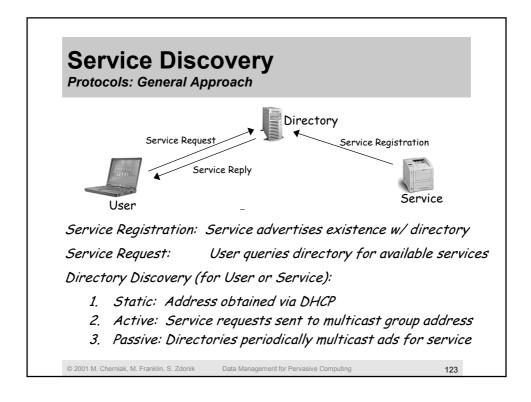












Service Discovery Protocols: A Comparison (Courtesy of [BR01])						
Feature	SLP IETF	Jini Sun	Salutation Consortium	UPnP Microsoft		
Developer						
Network Transport	TCP/IP	Independent	Independent	TCP/IP		
Programming Language	Independent	Java	Independent	Independent		
OS and platform	Dependent	Independent	Dependent	Dependent		
Operation w/o Directory	Yes	No	Yes	No directory		

