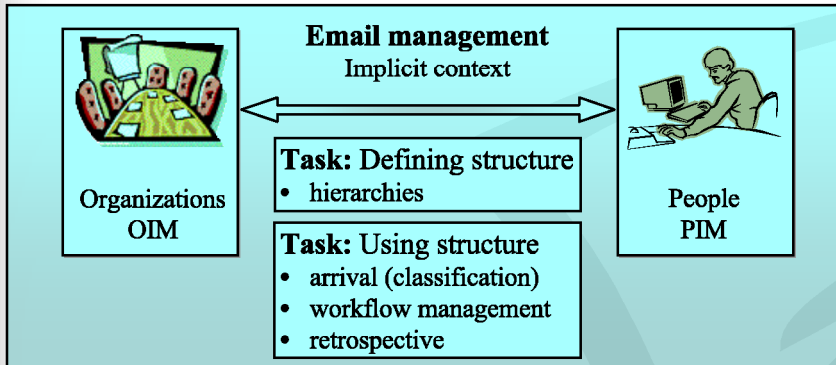




Information Sciences Institute

Creating and Accessing Email Archives

Anton Leuski and Douglas W. Oard

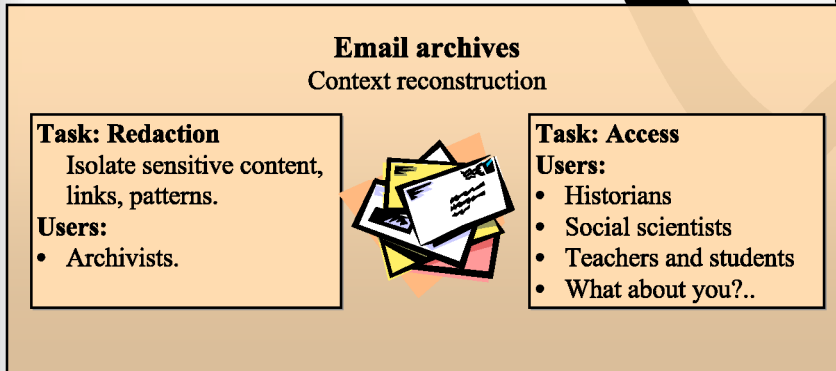


Facts (in 2000, in the world):

- 600 billion messages
- 570 million e-mailboxes

Email collections:

1. NSC email collection from "White House E-Mail", edited by Tom Blanton
2. Ben Shneiderman's e-mail from UMD library.



Technologies

- Segmentation
- Search text, links, and patterns
- Topic and link detection
- Topic tracking
- Traffic analysis
- Social network analysis
- Data mining
- **Visualization**
- Summarization
- Privacy

Technology example: Visualization and browsing

eArchivarius

Show similar messages

FROM: NSPWR --CPUA TO: NSJMP --CPUA 05/15/86 09:09:24

To: NSJMP --CPUA JOHN M. POINDEXTE

NOTE FROM: Peter Rodman

SUBJECT: Memo on Combatting Te

This memo was sent over to you, Ollie and Bob Earl. I cleared comment I made did not get ref two places it would have you at that the probability of a new Libya is currently low unless Libyan "spectacular." I agree a new US strike against Libya is attributable to Libya; however, any of us can say when such an As far as I can tell, Qadhafi still cooking.

More importantly, I don't think DoD and JCS any excuse for con procrastination on coming up w target list that meets our pol. There is no excuse for not bel next big terrorist event occur today, we would be nowhere nea

CC: NSDLN --CPUA NSRLE --CPUA

NSJRS --CPUA NSRLE --CPUA

NSRRT --CPUA NSRLE --CPUA

44. Duignan, Raymond
58. Burns, William J.
62. Camarero, Vincent
74. Callucci, Frank C.
83. Cichocki, William A.
98. Cobby, James P.
103. Coy, Craig P.
31. Dugoff-Randall, Kenneth E.
66. Edwards, Ed.
24. Douglas, John
47. Earl, Robert
74. Fortner, Donald R.
14. Gault, Florence
75. Hall, Fawn
55. Hall, Wima
17. Hughes, Philip
2. Kow, John O.
76. Levin, J. L.
8. Mace, David
64. Marston, James F.
49. McFarlane, Douglas E.
42. McFarlane, Fred
29. Miller, John
76. Wilson, Charles W.
11. Morison, Elaine
64. Murrain, Christopher A.
62. NSDIR

70. NSOLN
32. NSOLN
84. NSDFP
71. NSPWE
68. NSOLM
67. NSLI
06. NSCOM
1. NSJRS
36. NSRSM
18. NSRRT
76. NSDFD
68. NSRLE
1. NSJMP
27. NSJMP

Rodman, Peter
Address: NSPWR
Description: An aide to Henry Kissinger ever since undergoes write speeches for Kissinger at the NSC in the at the State Department under George Shultz in Deputy to President for Foreign Policy (as per Callucci and Powell, as well as in the Bush ad

Name	Address	Number of messages	Sent	Recvd	Total	Aug	Sep
Camarero, Vincent	NSVMC	0	2	2			
Earl, Robert L.	NSRLE	1	0	1			
Fortner, Donald R.	NSDRF	1	0	1			
North, Oliver	NSOLN	1	0	1			
Parsons, W. Robert	NSWRP	0	1	1			
Pointeaster, John M.	NSJMP	1	1	2			
Ringdahl, Phil	NSPDR	0	1	1			
Sack, James R.	NSJRS	2	1	3			
Teicher, Howard	NSHRT	1	0	1			
Tillman, Jacqueline	NSJTI	0	1	1			

1. 1116 SUBJECT
2. Libya Broadcasting
3. no subject
4. BENNETT DEBRIEF
5. More Libyan Fighting
6. ELETIO VEIT
7. LIB
8. BENNETT DEBRIEF
9. help
10. free help
11. RR Mig w/Oakley
12. Israel Status
13. Libya meet steps
14. Israel Spy Case
15. GHAZY GONG ON IN COLOMBIA
16. Iraq Financial Situation
17. Libyan Terrorism
18. LIB
19. PRIVATE BLANK CHECK
20. no subject
21. PRIVATE BLANK CHECK
22. no subject
23. Further Dr. Coughlin's Travel
24. no subject
25. INTERFERING GOINGS

26. Nicaragua Ending
27. no subject
28. no subject
29. Libyan Terrorism
30. Anything New??
31. Anything New??
32. no subject
33. Israel M
34. no subject
35. "NONIHA PHOEDI"
36. no subject
37. CONTRIA PHOEDI
38. no subject
39. Iran
40. no subject
41. no subject
42. Africa
43. Africa
44. Africa
45. Africa
46. Africa
47. no subject
48. How's It
49. no subject
50. IRAN AND TERRORISM