Memo to Runninger, ARPA Support of NSW

background for briefing to RADC Commander

Memo to Runninger, ARPA Support of NSW

< STONE, JACK,NLS;1, >, 14-AUG-75 05:48 DLS ;;;;

ISIM/X3857   19 AUG 75

ARPA Briefing to Commander

RADC/ISIM
     ISI
     IS
     DOR(J. Runninger)
IN TURN   1

     a. Reference attached memo from DOR. The efforts under Arpa Orders
0967, 2541, 2853, 2931 and 3061 represent joint funding with RADC and
other DOD agencies in areas where there is mutual benefit. RADC
benefits by augmenting their meager supply of development funds. ARPA
benefits by having an active agent who is, intimately familiar with the
technology, guiding its development and is therfore in a position to
apply it once the initial research is completed.   1a

     b. The ARPA orders cited above have two thrusts. To use and
evaluate an advanced text processing system to support internal
documentation and to develop the National Software Works (NSW).   1b

          (1) Workshop Utility Service--see attachment 2   1b1

               (a) This effort is aimed at improving both the efficiency
and effectiveness of government organizations by applying the latest in
text processing systems to support the managerial, engineering and
clerical personnel. The system used is NLS, developed by SRI under ARPA
sponsorship, over the past 10 years. It is now available on three
machines attached to the ARPANET. It was first used on a regular basis
by RADC/ISIM in 1972. Since then its use within RADC has grown, it has
been adopted by a number of ARPA offices and is now being used by
elements of the Navy, Army, NSA and several ARPA contractors, as well as
private organizations. It has been chosen as the basic medium for
programming, documentation and communication under the NSW project
(below).   1b1a

          (2) NSW--see attachment 3   1b2

               (a) The NSW project is aimed at reducing the cost and
improving the reliability of software developed for the AF by providing
AF and AF contractors easy and consistent access to software development
tools via ARPANET. The project started in 1974 and will continue
through 1977. It is funded jointly by ARPA, RADC and AFDAA. RADC acts
as the intermediary between research (ARPA) and operations (AFDSDC &
AFDSC). RADC actively sought inclusion in this project for three
reasons: 1b2a

1.2.2.1.1 We feel that this is the most cost
effective alternative for providing tool access to software developers,

1b2a1

1.2.2.1.2 The NSW should greatly shorten the
technology transfer time, ie, the time it takes for research results to
become an operational way of life,

1b2a2

1.2.2.1.3 The NSW offers an unique opportunity to
allow operational use of RADC developed tools,

1b2a3

c, ARPA funding of the Workshop Utility is $400K/year, It funds
the NSW at about $2,000K per year, It is expected that both these
projects will continue at present levels through the 1977 time period,

1c

DUANE L. STONE   3 Atchs
Information Management Sciences Section   1. DOR Memo
Information Processing Branch   2. SRI Doc #12445
                                                        3. NSW Overview

1d

(J33261) 19-AUG-75 08:01;;;;   Title: Author(s): Duane L. Stone/DLS;
Distribution: /JLM([INFO-ONLY]) MAW([INFO-ONLY]) WER([
INFO-ONLY]) ; Sub-Collections: RADC; Clerk: DLS;

33261 Distribution
   John L, McNamara, Mike A, Wingfield, William E, Rzepka,

Congratulatons to Jake and NIC staff on the new ARPANET Directory

Jake's item (26295,) announced to us the local distribution of the latest ARPANET Directory (32992,). I just want to say that it is a distinct pleasure for me to thumb through the directory, looking at the layout and the many pages of detail, and sense the amount of commitment, solid work, and seasoned support service that it represents. I will be proud to show it to visitors, for instance, to exemplify the accomplishments of ARC. I want to congratulate Jake and her production-support crew, Adrian, Marcia, Geoff, Harvey, Dave H,, Karolyn, Pam, and Priscilla, for producing such a nice piece of work,
      Sincerely, Doug   1

Congratulatons to Jake and NIC staff on the new ARPANET Directory

(J33274)   20-AUG-75 09:53;;;;   Title: Author(s): Douglas C.
Engelbart/DCE; Distribution: /SRI-ARC([INFO-ONLY]) BC([INFO-ONLY]
) ; Sub-Collections: SRI-ARC; Clerk: DCE;

33274 Distribution

Douglas C. Engelbart, Martin E. Hardy, J. D. Hopper, Charles H. Irby,
Harvey G. Lehtman, James C. Norton, Jeffrey C. Peters, Dirk H. Van
Nouhuys, Kenneth E. (Ken) Victor, Richard W. Watson, Don I. Andrews,
Bonnar Cox,
Mary Ann Kellan, Buddie J. Pine, Andy Poggio, David L. Retz, Laura J.
Metzger, Karolyn J. Martin, Jan A. Cornish, Larry L. Garlick,
Priscilla A. Wold, Pamela K. Allen, Delorse M. Brooks, Beverly Boli,
Rita Hysmith, Log Augmentation, Joseph L. Ehardt, Raymond R. Panko,
Susan Gail Roetter, Robert Louis Belleville, Rene C. Ochoa, Ann
Weinberg, Joan Hamilton, Adrian C. McGinnis, Robert S. Ratner, David
S. Maynard, Robert N. Lieberman, Sandy L. Johnson, James H. Bair,
Jeanne M. Leavitt, Rodney A. Bondurant, Jeanne M. Beck, Marcia L.
Keeney, Elizabeth K. Michael, Jonathan B. Postel, Elizabeth J.
Feinler, Kirk E. Kelley, N. Dean Meyer, James E. (Jim) White

Weekly User Statistics for JULY

				1
(BUCCIERO)	05JUL--02AUG	.00	.00	2
(CALICCHIA)	05JUL--02AUG	.00	.00	3
(FEMIA)	05JUL--02AUG	.00	.00	4
(KESSELMAN)	05JUL--02AUG	.00	.00	5
(LOMBARDO)	05JUL--02AUG	.00	.00	6
(MCLEAN)	05JUL--02AUG	.00	.00	7
(WWMMCS)	05JUL--02AUG	.00	.00	8
(DIMAGGIO)	05JUL--02AUG	.01	.39	9
(RUPLE)	05JUL--02AUG	.02	.55	10
RUPLE	12-JUL-75	.01	.37	10a
RUPLE	5-JUL-75	.01	.18	10b
(LORETO)	05JUL--02AUG	.05	1.03	11
LORETO	26-JUL-75	.00	.06	11a
LORETO	19-JUL-75	.01	.25	11b
LORETO	12-JUL-75	.03	.65	11c
LORETO	5-JUL-75	.01	.07	11d
(STINSON)	05JUL--02AUG	.03	1.04	12
STINSON	26-JUL-75	.01	.22	12a
STINSON	19-JUL-75	.02	.74	12b
STINSON	5-JUL-75	.00	.08	12c
(BARNUM)	05JUL--02AUG	.03	1.29	13
BARNUM	26-JUL-75	.00	.06	13a
BARNUM	19-JUL-75	.02	.90	13b
BARNUM	12-JUL-75	.00	.10	13c

USER	TIME--PERIOD	CPU HRS	CONNECT HRS	
BARNUM	5-JUL-75	.01	.23	13d
(PATTERSON)	05JUL--02AUG	.05	1.99	14
PATTERSON	26-JUL-75	.01	.14	14a
PATTERSON	19-JUL-75	.01	.18	14b
PATTERSON	12-JUL-75	.01	.14	14c
PATTERSON	5-JUL-75	.02	.87	14d
(MCNAMARA)	05JUL--02AUG	.03	3.34	15
MCNAMARA	26-JUL-75	.01	1.61	15a
MCNAMARA	19-JUL-75	.02	1.73	15b
(KRUTZ)	05JUL--02AUG	.07	3.47	16
KRUTZ	26-JUL-75	.02	.53	16a
KRUTZ	19-JUL-75	.01	.33	16b
KRUTZ	12-JUL-75	.02	.92	16c
KRUTZ	5-JUL-75	.02	1.69	16d
(VANALSTINE)	05JUL--02AUG	.17	4.32	17
(LIUZZI)	05JUL--02AUG	.07	5.84	18
LIUZZI	26-JUL-75	.01	.55	18a
LIUZZI	19-JUL-75	.03	3.55	18b
LIUZZI	12-JUL-75	.03	1.74	18c
(RWALKER)	05JUL--02AUG	.09	8.02	19
RWALKER	12-JUL-75	.08	6.42	19a
RWALKER	5-JUL-75	.01	1.60	19b
(FMS)	05JUL--02AUG	.45	8.87	20
FMS	26-JUL-75	.13	3.19	20a

USER	TIME--PERIOD	CPU HRS	CONNECT HRS	
FMS	19-JUL-75	.01	.62	20b
FMS	12-JUL-75	.00	.03	20c
FMS	5-JUL-75	.31	5.03	20d
(WEBER)	05JUL--02AUG	.28	9.73	21
WEBER	19-JUL-75	.01	.47	21a
WEBER	12-JUL-75	.08	2.91	21b
WEBER	5-JUL-75	.19	6.35	21c
(HILBING)	05JUL--02AUG	.17	9.95	22
HILBING	26-JUL-75	.00	.49	22a
HILBING	19-JUL-75	.05	2.22	22b
HILBING	12-JUL-75	.08	4.56	22c
HILBING	5-JUL-75	.04	2.68	22d
(TOMAINI)	05JUL--02AUG	.33	10.90	23
TOMAINI	26-JUL-75	.06	1.56	23a
TOMAINI	19-JUL-75	.15	4.23	23b
TOMAINI	12-JUL-75	.05	2.68	23c
TOMAINI	5-JUL-75	.07	2.43	23d
(KAUBISCH)	05JUL--02AUG	1.54	12.71	24
KAUBISCH	26-JUL-75	1.54	12.69	24a
KAUBISCH	19-JUL-75	.00	.02	24b
(BERGSTROM)	05JUL--02AUG	.41	13.39	25
BERGSTROM	26-JUL-75	.06	1.21	25a
BERGSTROM	19-JUL-75	.11	3.55	25b
BERGSTROM	12-JUL-75	.19	6.29	25c

USER	TIME--PERIOD	CPU HRS	CONNECT HRS	
BERGSTROM	5-JUL-75	.05	2.34	25d
(SLIWA)	05JUL--02AUG	.41	13.79	26
SLIWA	26-JUL-75	.03	.57	26a
SLIWA	19-JUL-75	.05	2.24	26b
SLIWA	12-JUL-75	.07	2.47	26c
SLIWA	5-JUL-75	.26	8.51	26d
(LAWRENCE)	05JUL--02AUG	.45	15.50	27
LAWRENCE	26-JUL-75	.01	.16	27a
LAWRENCE	19-JUL-75	.13	4.88	27b
LAWRENCE	12-JUL-75	.22	6.72	27c
LAWRENCE	5-JUL-75	.09	3.74	27d
(RZEPKA)	05JUL--02AUG	.44	19.50	28
RZEPKA	19-JUL-75	.11	5.34	28a
RZEPKA	12-JUL-75	.33	14.16	28b
(WINGFIELD)	05JUL--02AUG	.42	19.58	29
WINGFIELD	26-JUL-75	.11	5.94	29a
WINGFIELD	19-JUL-75	.08	2.19	29b
WINGFIELD	12-JUL-75	.15	7.38	29c
WINGFIELD	5-JUL-75	.08	4.07	29d
(PANARA)	05JUL--02AUG	.72	24.59	30
PANARA	19-JUL-75	.18	6.22	30a
PANARA	12-JUL-75	.17	7.94	30b
PANARA	5-JUL-75	.37	10.43	30c
(NELSON)	05JUL--02AUG	.62	30.62	31

USER	TIME--PERIOD	CPU HRS	CONNECT HRS	
NELSON	26-JUL-75	.25	9.98	31a
NELSON	19-JUL-75	.36	20.04	31b
NELSON	5-JUL-75	.01	.60	31c
(CARRIER)	05JUL--02AUG	1.05	35.54	32
CARRIER	26-JUL-75	.36	11.15	32a
CARRIER	19-JUL-75	.28	8.41	32b
CARRIER	12-JUL-75	.33	13.57	32c
CARRIER	5-JUL-75	.08	2.41	32d
(LAFORGE)	05JUL--02AUG	1.96	49.48	33
LAFORGE	26-JUL-75	.88	18.70	33a
LAFORGE	19-JUL-75	.54	17.40	33b
LAFORGE	12-JUL-75	.32	4.87	33c
LAFORGE	5-JUL-75	.22	8.51	33d
(IUORNO)	05JUL--02AUG	1.44	49.96	34
IUORNO	19-JUL-75	.35	10.71	34a
IUORNO	12-JUL-75	.88	30.03	34b
IUORNO	5-JUL-75	.21	9.22	34c
(CAVANO)	05JUL--02AUG	2.14	62.63	35
CAVANO	26-JUL-75	.81	20.16	35a
CAVANO	19-JUL-75	.89	30.15	35b
CAVANO	12-JUL-75	.32	7.58	35c
CAVANO	5-JUL-75	.12	4.74	35d
(KENNEDY)	05JUL--02AUG	5.38	126.47	36
KENNEDY	26-JUL-75	1.72	35.85	36a

USER	TIME--PERIOD	CPU HRS	CONNECT HRS	
KENNEDY	19-JUL-75	1,32	44,27	36b
KENNEDY	12-JUL-75	1,41	26,65	36c
KENNEDY	5-JUL-75	,93	19,70	36d
(STONE)	05JUL--02AUG	8,54	158,18	37
STONE	26-JUL-75	1,16	24,00	37a
STONE	19-JUL-75	1,58	51,15	37b
STONE	12-JUL-75	4,72	55,86	37c
STONE	5-JUL-75	1,08	27,17	37d
(RADC)	05JUL--02AUG	27,89	729,84	38
RADC	26-JUL-75	7,54	163,57	38a
RADC	19-JUL-75	6,53	229,16	38b
RADC	12-JUL-75	9,59	209,41	38c
RADC	5-JUL-75	4,23	127,70	38d

Weekly User Statistics for JULY

(J33275) 20-AUG-75 13:51;;;; Title: Author(s): Duane L, Stone/DLS;
Sub-Collections: RADC; Clerk: DLS;

Summary of RADC Use of Office-1 for JULY

For weekly detail see (33275,)

Summary of RADC Use of Office-1 for JULY

USER	TIME--PERIOD	CPU HRS	CONNECT HRS	
				1
				2
				3
(BUCCIERO)	05JUL--02AUG	.00	.00	4
(CALICCHIA)	05JUL--02AUG	.00	.00	5
(FEMIA)	05JUL--02AUG	.00	.00	6
(KESSELMAN)	05JUL--02AUG	.00	.00	7
(LOMBARDO)	05JUL--02AUG	.00	.00	8
(MCLEAN)	05JUL--02AUG	.00	.00	9
(WWMMCS)	05JUL--02AUG	.00	.00	10
(DIMAGGIO)	05JUL--02AUG	.01	.39	11
(RUPLE)	05JUL--02AUG	.02	.55	12
RUPLE	12-JUL-75	.01	.37	12a
RUPLE	5-JUL-75	.01	.18	12b
(LORETO)	05JUL--02AUG	.05	1.03	13
LORETO	26-JUL-75	.00	.06	13a
LORETO	19-JUL-75	.01	.25	13b
LORETO	12-JUL-75	.03	.65	13c
LORETO	5-JUL-75	.01	.07	13d
(STINSON)	05JUL--02AUG	.03	1.04	14
STINSON	26-JUL-75	.01	.22	14a
STINSON	19-JUL-75	.02	.74	14b
STINSON	5-JUL-75	.00	.08	14c
(BARNUM)	05JUL--02AUG	.03	1.29	15
BARNUM	26-JUL-75	.00	.06	15a

1

Summary of RADC Use of Office-1 for JULY

BARNUM	19-JUL-75	.02	.90	15b
BARNUM	12-JUL-75	.00	.10	15c
BARNUM	5-JUL-75	.01	.23	15d
(PATTERSON)	05JUL--02AUG	.05	1.99	16
PATTERSON	26-JUL-75	.01	.14	16a
PATTERSON	19-JUL-75	.01	.18	16b
PATTERSON	12-JUL-75	.01	.14	16c
PATTERSON	5-JUL-75	.02	.87	16d
(MCNAMARA)	05JUL--02AUG	.03	3.34	17
MCNAMARA	26-JUL-75	.01	1.61	17a
MCNAMARA	19-JUL-75	.02	1.73	17b
(KRUTZ)	05JUL--02AUG	.07	3.47	18
KRUTZ	26-JUL-75	.02	.53	18a
KRUTZ	19-JUL-75	.01	.33	18b
KRUTZ	12-JUL-75	.02	.92	18c
KRUTZ	5-JUL-75	.02	1.69	18d
(VANALSTINE)	05JUL--02AUG	.17	4.32	19
(LIUZZI)	05JUL--02AUG	.07	5.84	20
LIUZZI	26-JUL-75	.01	.55	20a
LIUZZI	19-JUL-75	.03	3.55	20b
LIUZZI	12-JUL-75	.03	1.74	20c
(RWALKER)	05JUL--02AUG	.09	8.02	21
RWALKER	12-JUL-75	.08	6.42	21a
RWALKER	5-JUL-75	.01	1.60	21b
(FMS)	05JUL--02AUG	.45	8.87	22

Summary of RADC Use of Office-1 for JULY

FMS	26-JUL-75	.13	3.19	22a
FMS	19-JUL-75	.01	.62	22b
FMS	12-JUL-75	.00	.03	22c
FMS	5-JUL-75	.31	5.03	22d
(WEBER)	05JUL--02AUG	.28	9.73	23
WEBER	19-JUL-75	.01	.47	23a
WEBER	12-JUL-75	.08	2.91	23b
WEBER	5-JUL-75	.19	6.35	23c
(HILBING)	05JUL--02AUG	.17	9.95	24
HILBING	26-JUL-75	.00	.49	24a
HILBING	19-JUL-75	.05	2.22	24b
HILBING	12-JUL-75	.08	4.56	24c
HILBING	5-JUL-75	.04	2.68	24d
(TOMAINI)	05JUL--02AUG	.33	10.90	25
TOMAINI	26-JUL-75	.06	1.56	25a
TOMAINI	19-JUL-75	.15	4.23	25b
TOMAINI	12-JUL-75	.05	2.68	25c
TOMAINI	5-JUL-75	.07	2.43	25d
(KAUBISCH)	05JUL--02AUG	1.54	12.71	26
KAUBISCH	26-JUL-75	1.54	12.69	26a
KAUBISCH	19-JUL-75	.00	.02	26b
(BERGSTROM)	05JUL--02AUG	.41	13.39	27
BERGSTROM	26-JUL-75	.06	1.21	27a
BERGSTROM	19-JUL-75	.11	3.55	27b
BERGSTROM	12-JUL-75	.19	6.29	27c

Summary of RADC Use of Office-1 for JULY

BERGSTROM	5-JUL-75	.05	2.34	27d
(SLIWA)	05JUL--02AUG	.41	13.79	28
SLIWA	26-JUL-75	.03	.57	28a
SLIWA	19-JUL-75	.05	2.24	28b
SLIWA	12-JUL-75	.07	2.47	28c
SLIWA	5-JUL-75	.26	8.51	28d
(LAWRENCE)	05JUL--02AUG	.45	15.50	29
LAWRENCE	26-JUL-75	.01	.16	29a
LAWRENCE	19-JUL-75	.13	4.88	29b
LAWRENCE	12-JUL-75	.22	6.72	29c
LAWRENCE	5-JUL-75	.09	3.74	29d
(RZEPKA)	05JUL--02AUG	.44	19.50	30
RZEPKA	19-JUL-75	.11	5.34	30a
RZEPKA	12-JUL-75	.33	14.16	30b
(WINGFIELD)	05JUL--02AUG	.42	19.58	31
WINGFIELD	26-JUL-75	.11	5.94	31a
WINGFIELD	19-JUL-75	.08	2.19	31b
WINGFIELD	12-JUL-75	.15	7.38	31c
WINGFIELD	5-JUL-75	.08	4.07	31d
(PANARA)	05JUL--02AUG	.72	24.59	32
PANARA	19-JUL-75	.18	6.22	32a
PANARA	12-JUL-75	.17	7.94	32b
PANARA	5-JUL-75	.37	10.43	32c
(NELSON)	05JUL--02AUG	.62	30.62	33
NELSON	26-JUL-75	.25	9.98	33a

Summary of RADC Use of Office-1 for JULY

NELSON	19-JUL-75	,36	20,04	33b
NELSON	5-JUL-75	,01	,60	33c
(CARRIER)	05JUL--02AUG	1,05	35,54	34
CARRIER	26-JUL-75	,36	11,15	34a
CARRIER	19-JUL-75	,28	8,41	34b
CARRIER	12-JUL-75	,33	13,57	34c
CARRIER	5-JUL-75	,08	2,41	34d
(LAFORGE)	05JUL--02AUG	1,96	49,48	35
LAFORGE	26-JUL-75	,88	18,70	35a
LAFORGE	19-JUL-75	,54	17,40	35b
LAFORGE	12-JUL-75	,32	4,87	35c
LAFORGE	5-JUL-75	,22	8,51	35d
(IUORNO)	05JUL--02AUG	1,44	49,96	36
IUORNO	19-JUL-75	,35	10,71	36a
IUORNO	12-JUL-75	,88	30,03	36b
IUORNO	5-JUL-75	,21	9,22	36c
(CAVANO)	05JUL--02AUG	2,14	62,63	37
CAVANO	26-JUL-75	,81	20,16	37a
CAVANO	19-JUL-75	,89	30,15	37b
CAVANO	12-JUL-75	,32	7,58	37c
CAVANO	5-JUL-75	,12	4,74	37d
(KENNEDY)	05JUL--02AUG	5,38	126,47	38
KENNEDY	26-JUL-75	1,72	35,85	38a
KENNEDY	19-JUL-75	1,32	44,27	38b
KENNEDY	12-JUL-75	1,41	26,65	38c

Summary of RADC Use of Office-1 for JULY

KENNEDY	5-JUL-75	,93	19,70	38d
(STONE)	05JUL--02AUG	8,54	158,18	39
STONE	26-JUL-75	1,16	24,00	39a
STONE	19-JUL-75	1,58	51,15	39b
STONE	12-JUL-75	4,72	55,86	39c
STONE	5-JUL-75	1,08	27,17	39d
(RADC)	05JUL--02AUG	27,89	729,84	40
RADC	26-JUL-75	7,54	163,57	40a
RADC	19-JUL-75	6,53	229,16	40b
RADC	12-JUL-75	9,59	209,41	40c
RADC	5-JUL-75	4,23	127,70	40d

Summary of RADC Use of Office-1 for JULY

(J33276) 20-AUG-75 13:55;;;;   Title: Author(s): Duane L, Stone/DLS;
Distribution: /RADC([INFO-ONLY]) ; Sub-Collections: RADC; Clerk:
DLS;

33276 Distribution
Rocco F. Iuorno, Thomas J. Bucciero, Roger B. Panara, John L.
McNamara, Joe P. Cavano, Duane L. Stone, Marcelle D. Petell, Thomas
F. Lawrence,
Wolf-Hasso Kaubisch, Kim Cynthia Carter, Samuel L. Ruple, Stephen P.
Sutkowski, Richard Calicchia, William W. Patterson, Francis J.
Hilbing, Robert K. Walker, Frank P. Sliwa, Joe F. Femia, Roger W.
Weber, Melville J. Draper, Robert D. Krutz, James W. Hyde, David T.
Craig, Fred N. Dimaggio, Robert E. Doane, Richard Nelson, William F.
Stinson, Daniel R. Loreto, John B. McLean, Murray L. Kesselman,
Edward F. LaForge, Agatha C. Deconde, Alan R. Barnum, Larry M.
Lombardo, Roberta J. Carrier, Richard H. Thayer, Frank J. Tomaini,
Mike A. Wingfield, Edmund J. Kennedy, Ray A. Liuzzi, Donald
VanAlstine, Deane F. Bergstrom, Frank S. LaMonica, William E. Rzepka

RETURN is DEFAULT CA or OK for new users

1) CTRL-o should stop print outs,
2) A full view if you just entered nls and hit LINEFEED would give
you exactly what you got,
You don't say what you expected or what you typed so these answers
are just stabs in the dark, We'll get to the bottom of it next time
I see you,   1

RETURN is DEFAULT CA or OK for new users

(J33277)   20-AUG-75 15:26;;;;   Title: Author(s): Kirk E, Kelley/KIRK;
Distribution: /GSG([INFO-ONLY]) ; Sub-Collections: SRI-ARC; Clerk:
KIRK;

33277 Distribution
    Geoffrey S. Goodfellow,

Your Initial file from the ARC machine is back!!!

Yngvar,

    I have gotten your initial file back from the full dump set that
was taken on the ARC PDP-10 before they took it apart.   You will
find it in your directory on our machine as YL2.NLS just like before,
I hope everything is still in it and in tact,

Enjoy,
 [Geoff]   1

Your initial file from the ARC machine is back!!!

(J33279)   20-AUG-75 20:06;;;;   Title: Author(s): Geoffrey S,
Goodfellow/GSG; Distribution: /YL([INFO-ONLY]) ; Sub-Collections:
NIC; Clerk: GSG;

33279 Distribution
    Yngvar G, Lundh,

Little, easy to do, need with BW

apostrophe and dash should be included in the backspaced characters
with back-space word   1

Little, easy to do, need with BW

(J33280)   20-AUG-75 21:09;;;;   Title: Author(s): Kirk E. Kelley/KIRK;
Distribution: /FEED([ACTION]) ; Sub-Collections: SRI-ARC; Clerk:
KIRK;

33280 Distribution
   Special Jhb Feedback,

using format at bbnb

There is not enough room in the running system (NLS-8) at BBNB for
the format user program. However, there is room if you use
<rel-nls>gnls instead of nls until NLS-8,5 is brought up at BBNB as
the running system.   1

using format at bbnb

(J33281)   20-AUG-75 21:40;;;;   Title: Author(s): Kirk E, Kelley/KIRK;
Distribution: /FEEDBACK([INFO-ONLY]) DMB([INFO-ONLY]) JDH([
INFO-ONLY]) KJM([INFO-ONLY]) DSM([INFO-ONLY]) DPCS([
INFO-ONLY]) ; Sub-Collections: SRI-ARC FEEDBACK DPCS; Clerk: KIRK;

33281 Distribution
    Special Jhb Feedback, Delorse M, Brooks, J, D, Hopper, Karolyn J,
    Martin, David S, Maynard, Delorse M, Brooks, Elizabeth F, Finney,
    Beverly Boli, Joseph L, Ehardt, James H, Bair, Robert N, Lieberman,
    Pat Whiting O'Keefe, James H, Bair, Robert Louis Belleville, Ann
    Weinberg, Thomas L, Humphrey, Jeanne M, Leavitt, Kirk E, Kelley,
    Duane L, Stone, Elizabeth J, Feinler, N, Dean Meyer, Dirk H, Van
    Nouhuys, Douglas C, Engelbart, James C, Norton, Richard W, Watson,
    Charles H, Irby,

Thursday Agenda for AKW Seminar (partial; all levels)

Here is the agenda for the day you are slated.   I will introduce you
and I hope you will join the group for lunch, Will keep you posted
on updates,

Thursday Agenda for AKW Seminar (partial; all levels)

THURSDAY

1

Thursday Agenda for AKW Seminar (partial; all levels)

(J33282)   20-AUG-75 21:44;;;;   Title: Author(s): James H. Bair/JHB;
Distribution: /RA3Y([ACTION]) DVN([ACTION]) POOH([ACTION])
JCN([INFO-ONLY]) ; Sub-Collections: SRI-ARC; Clerk: JHB;

33282 Distribution
    Raymond R, Panko, Dirk H, Van Nouhuys, Ann Weinberg, James C, Norton,

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

The latest agenda, submitted in particular for the speakers.

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

5:15   Cocktails   2g

Agenda -- Second draft

TUESDAY

3

Agenda -- Second draft

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

10:30	Application Principles	3b
	Grades of user proficiency JHB	3b1
	Description of AKW Capabilities JHB	3b2

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

12   Lunch   3c

Agenda -- Second draft

1:30   Application Principles   3d

         Composing and viewing textual information   JHB   3d1

Agenda -- Second draft

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

5:15   End of Program   3f

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

7   Practice opportunity (optional upon request)   3g

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

WEDNESDAY

4

Agenda -- Second draft

Agenda -- Second draft

10:30   Case study   4b

            Detailed analysis of applications JHB   4b1

Agenda -- Second draft

12   Lunch   4c

Agenda -- Second draft

1:15   Applications: Scenerio of the afternoon's usage JHB   4d

         Communication sending, receiving, and handling   4d1

         Process commands for handling communications   4d2

Agenda -- Second draft

Agenda -- Second draft

5:15   Dinner break   4f

Agenda -- Second draft

7   Practice opportunity with ARC resource person (optional)   4g

Agenda -- Second draft

THURSDAY

5

Agenda -- Second draft

9   Application Principles: DVN   5a

         Document Production and Control Systems DVN   5a1

Agenda -- Second draft

10:30   Case study   5b

            Detailed analysis of an application   JCN and POOH   5b1

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

11:15   Demonstration of Calulator and user statistics   RA3Y   5c

Agenda -- Second draft

12   Lunch   5d

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

1:15   Application Principles: Scenerio of the afternoon's usage
JHB   5e

         Distributed editing   5e1

         Printing and COM   5e2

         Subsystems for formating and global editing   5e3

Agenda -- Second draft

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

5:15   Dinner Break   5g

Agenda -- Second draft

7   Practice opportunity with ARC resource person (optional)   5h

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

FRIDAY

6

Agenda -- Second draft

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

10:30   Case study   6b

         Workshop construction of application case   6b1

Agenda -- Second draft

12   Lunch   6c

Agenda -- Second draft

1:15   Applications Principles: the near future   6d
         Demonstration of Graphics   RLB   6d1
         Customization of NLS   6d2

Agenda -- Second draft

2:30   Experience with NLS   6e

          Content analysis, signatures   6e1

          Useroptions   6e2

Agenda -- Second draft

4:30   Recap and farewells   6f

SEMINAR ON THE AUGMENTED KNOWLEDGE WORKSHOP

Agenda -- Second draft

(J33283) 20-AUG-75 21:58;;;;   Title: Author(s): James H. Bair/JHB;
Distribution: /RLB2([ACTION]) RA3Y([ACTION]) DVN([ACTION])
POOH([ACTION]) ARC-APP([INFO-ONLY]) ; Sub-Collections: SRI-ARC
ARC-APP; Clerk: JHB;   Origin: < BAIR, AGENDA,NLS;2, >, 20-AUG-75
21:52 JHB ;;;;####;

33283 Distribution
   Robert Louis Belleville, Raymond R. Panko, Dirk H. Van Nouhuys, Ann
   Weinberg, Buddie J. Pine, Laura J. Metzger, Priscilla A. Wold, Pamela
   K. Allen, Joan Hamilton, Rene C. Ochoa, Jeffrey C. Peters, Marcia L.
   Keeney, Jeanne M. Beck, Geoffrey S. Goodfellow, Rodney A. Bondurant,
   Douglas C. Engelbart, Jeanne M. Leavitt, Susan Gail Roetter, Raymond
   R. Panko, Adrian C. McGinnis, James C. Norton, J. D. Hopper,
   Elizabeth J. Feinler, James H. Bair, Robert N. Lieberman, N. Dean
   Meyer, Sandy L. Johnson, Martin E. Hardy,

Please retrieve all partial copies   1

Retrieval of Partial Copies

(J33284)   20-AUG-75 22:17;;;;   Title: Author(s): Johnny L.
Crabtree/JLC; Distribution: /FEEDBACK([ACTION]) ; Sub-Collections:
NIC FEEDBACK; Clerk: JLC;

33284 Distribution
   Special Jhb Feedback,

SUSAN---I'll send you the answers to your questions Friday, I need
you to check and see if you can recover all my partial copies in my
files. Thanks J, crabtree

1

QUESTIONS ON PROGRAMS

(J33285)   20-AUG-75 22:33;;;;   Title: Author(s): Johnny L.
Crabtree/JLC; Distribution: /SRI-ARC([ACTION]) PAW2([INFO-ONLY])
; Sub-Collections: NIC SRI-ARC; Clerk: JLC;

33285 Distribution
Douglas C. Engelbart, Martin E. Hardy, J. D, Hopper, Charles H. Irby,
Harvey G. Lehtman, James C. Norton, Jeffrey C. Peters, Dirk H. Van
Nouhuys, Kenneth E. (Ken) Victor, Richard W. Watson, Don I. Andrews,
Priscilla A. Wold,
Mary Ann Kellan, Buddie J. Pine, Andy Poggio, David L. Retz, Laura J.
Metzger, Karolyn J. Martin, Jan A. Cornish, Larry L. Garlick,
Priscilla A. Wold, Pamela K. Allen, Delorse M. Brooks, Beverly Boli,
Rita Hysmith, Log Augmentation, Joseph L. Ehardt, Raymond R. Panko,
Susan Gail Roetter, Robert Louis Belleville, Rene C. Ochoa, Ann
Weinberg, Joan Hamilton, Adrian C. McGinnis, Robert S. Ratner, David
S. Maynard, Robert N. Lieberman, Sandy L. Johnson, James H. Bair,
Jeanne M. Leavitt, Rodney A. Bondurant, Jeanne M. Beck, Marcia L.
Keeney, Elizabeth K. Michael, Jonathan B. Postel, Elizabeth J.
Feinler, Kirk E. Kelley, N. Dean Meyer, James E. (Jim) White

1

Replys

Greg;
In regards to the NELC ELF, I am assuming all labs are getting ELFs
and are going to interface their host (orr the simulation faility
NELC indicated) to the ELF and to send s50K, unless the NLC
represenntative of the lab informs us otherwise. I do need some
clarification in the NELC area. According tto ARPA, NELC is
gettinng an IMP for NSW and for come C &C projet, The C & C project
is scheduled too interface an ELF to the IMP. For the next year we
can get a port on the NELC IMP. I need to know what comm lines to
order and what interface to have onn the IMP for our usage. Even if
you are close enough for a regular interfae, I prefer us all to use
the VDH for common code reasons and am proceeding with this
asumption. Please check into what is happening and let me know.

I have asked Frank to set up diretories for the labs on a la name
basis forr the use of sndmsg for communicating rather then journal
system, He should have thisdone verry soon. Your suggestion to
change from NNSRDC is good and
I will get Frank to have the change made,
Thanks
Larry

1

Replys

(J33286) 21-AUG-75 05:12;;;; Title: Author(s): I, Larry Avrunin/ILA;
Distribution: /JGN([ACTION]) FGB([INFO-ONLY]) ; Sub-Collections:
NIC; Clerk: ILA;

33286 Distribution
   J. Gregory Noel, Frank G. Brignoli,

Journal Items Received...JAN 75--JUL 75

MAW: NSW Plan
    Distribution: MAW MAW DLS
    Received at: 31-JUL-75 12:36
    Location: (HJOURNAL, 33116, 1:w)   1

HGL JHK DVN: Information about TIP Buffer Sizes Useful in Running
the DEX Cassette Program
    Received at: 30-JUL-75 07:50
    Location: (JOURNAL, JRNL28, J26215:gw)   2

    Message: 2a

        The following Journal items contain this information: 26204,
        26163, 26164   2a1

DCE: NLS TELECONFERENCING FEATURES: THE JOURNAL, AND SHARED-SCREEN
TELEPHONING
    Distribution: DCE SRI-ARC JI MEJ TLH PWO GAS2 KWAC
    Received at: 29-JUL-75 13:57
    Location: (HJOURNAL, 33076, 1:w)   3

    Comments: This paper was submitted for presentation at COMPCON 75,
    to be held in Washington D.C., 9-11 Sep 75. They require a
    'digest' for their proceedings, limited to a fixed maximum page
    space.   3a

NDM: Comp-80 Software
    Distribution: NDM DVN DMB DPCS
    Received at: 25-JUL-75 15:40
    Location: (JOURNAL, JRNL28, J33056:gw)   4

    Message: 4a

        As I remember it, DDSI developed the software to interface
        Output Processor files to the Comp80 on OUR money, although I
        do not know if the agreement left us with the rights to it.   4a1

        We would be interested in acquiring that software also, to
        interface to a dot-matrix printer for local proofs.   4a2

RMS2: October meeting ?
    Received at: 25-JUL-75 06:37
    Location: (JOURNAL, JRNL28, J33051:gw)   5

    Message: 5a

        If I gave the impression that September was the only month open
        for the KWAC meeting, it was unintentional. In fact, due to
        the response from ARC it would seem that the second week in

        October (13-17) would be the best time for them. Any
        comments ?   5a1

DVN: Current Status of DDSI, Sale of Comp-80 Software, Boldface
     Distribution: DVN DMB DPCS
     Received at: 24-JUL-75 12:22
     Location: (HJOURNAL, 33046, 1:w)   6

DCE: Peter Goodeve and Ted Crossman of UCB to visit ARC 30 Jul 75
     Distribution: DCE SRI-ARC DPCS
     Received at: 23-JUL-75 17:32
     Location: (HJOURNAL, 33042, 1:w)   7

RMS2: FALL MEETING OF KWAC
     Distribution: RMS2 KWAC
     Received at: 22-JUL-75 15:35
     Location: (HJOURNAL, 33024, 1:w)   8

     Comments: This is a questionnair to arrange the dates for the
     fall meeting of KWAC.   8a

RJC: Changes in Ident System
     Distribution: RJC FEEDBACK DLS RJC JAKE
     Received at: 21-JUL-75 10:17
     Location: (JOURNAL, JRNL28, J33016:gw)   9

     Comments: Thanks - Bobbie   9a

     Message: 9b

        Please make the following changes:

        (1) KCC (Carter, K.) - Phone # (315) 330-7834

        (2) FJH (Hilbing, F.) - Phone # (315) 330-2014

        (3) RKW (Walker, R.) - Phone # (315) 330-2903

        (4) FPS (Sliwa, F.) - Phone # (315) 330-2672

        (5) RJK (Kenyon, R.) - DELETE

        (6) JBM2 (McLean, J.) - Phone # (315) 330-4875

        (7) ARB (Barnum, A.) - Phone # (315) 330-2204

        (8) AAC (Cafarelli, A.) - DELETE

        (9) RJC - (Carrier, R.) - Phone # (315) 330-4254

    (10) DRR2 (Robilotta, D,) - DELETE

    (11) EJK (Kennedy, E,) - Phone # (315) 330-3857   9b1

    (12) TFL (Lawrence, T,) - Hardcopy Address - Rome Air
    Development Center (ISCA)
                      Phone # (315) 330-7746   9b2

e up-to-date version of the two you received,   10

   Comments: This is the up-to-date version of the two you received.   10a

KIRK: Just a note to clear up a few misconceptions about WUC in
JHB's response
   Distribution: KIRK LHD GCE DAP PWO DLS NJN DHC WKE LPD JTM DCW
WSD SRI-ARC JHB
   Received at: 21-JUL-75 05:56
   Location: (HJOURNAL, 26157, 1:w)   11

JBP: PCPB8 --The 8 Bit Byte Format for DPS
   Distribution: JBP NSW
   Received at: 18-JUL-75 16:33
   Location: (HJOURNAL, 26152, 1:w)   12

&SRI-ARC: Format Sample Session
   Distribution: &SRI-ARC DMB BEV SRI-ARC DPCS DIRT
   Received at: 18-JUL-75 12:48
   Location: (HJOURNAL, 25924, 1:w)   13

JHB: Response to KIRK's Program, WUC (32768,)
   Distribution: JHB KIRK LHD GCE DAP PWO DLS NJN DHC WKE LPD JTM
DCW WSD RWW JAC3 DMB LLG BEV ARC-APP
   Received at: 17-JUL-75 20:32
   Location: (HJOURNAL, 33005, 1:w)   14

   Comments: I have taken the luxury of jotting down my long standing
   thoughts on WUC, It is not intended to be critical, but rather,
   just one person's opinion on a technical matter (no policy has or
   will ensue from this),   14a

TLH PWO DVN: Second Version of the Editorial Processing Center
Proposal
   Distribution: TLH PWO DVN SRI-ARC DPCS DOCPLAN DMB KLM
   Received at: 17-JUL-75 14:04
   Location: (HJOURNAL, 25922, 1:w)   15

   Comments: As of July 1975 two versions of SRI's proposal to the
   National Science Foundation for a Editorial Processing Center had

been prepared, This is the second, submitted in March, The
proposal was prepared on the Machine Aided Editing (MAE) system,
The translation processes that brings MAE files to NLS do not yet
create an orderly hierarchy in the NLS files and has some problems
with hyphenation and the like, I (DvN) have delayed journalizing
this file for some months intending to get the structure in order
by hand, but it is apparent that it is no longer worth the effort
so I am journalizing it as is for historical purposses, The first
version is avialble as (journal, 25921,), The appedicies which,
contain proprietary information, are journalized as
(journal,25923,) with restricted access,   15a

TLH PWO DVN: Version One of the Editorial Processing Center Proposal
    Distribution: TLH PWO DVN KLM DOCPLAN SRI-ARC DPCS
    Received at: 17-JUL-75 14:04
    Location: (HJOURNAL, 25921, 1:w)   16

    Comments: As of July 1975 two versions of SRI' proposal to the
    National Science Foundation for a Editorial Processing Center had
    been prepared, This is the first, s]submitted in March, The
    proposal was prepared on the Machine Aided Editing (MAE) system,
    The translation processes that brings MAE files to NLS do not yet
    create an orderly hierarchy in the NLS files and has some problems
    with hyphenation and the like, I (DvN) have delayed journalizing
    this file for some months intending to get the structure in order
    by hand, but it is apparent that it is no longer worth the effort
    so I am journalizing it as is for historical purposses, The
    second version is avialble as (journal, 25922,), The appedicies
    which, contain proprietary information, are journalized as
    (journal,25923,) with restricted access,   16a

DVN: Introduction to Documentation through NLS
    Distribution: DVN DMB KLM DIRT DOCPLAN DPCS SRI-ARC
    Received at: 15-JUL-75 16:44
    Location: (HJOURNAL, 26136, 1:w)   17

    Comments: For NSW and other documentation purposes,
                                                                   17a

RA3Y JCN: Flash Stats
    Distribution: RA3Y JCN DLS
    Received at: 15-JUL-75 16:44
    Location: (HJOURNAL, 32981, 1:w)   18

    Comments: Here are some quick statistics for Office-1 use during
    the first week of the pie slicer,   18a

PKA: Statistical Summary of May Feedback
    Distribution: PKA KWAC

Received at: 15-JUL-75 15:34
Location: (HJOURNAL, 32976, 1:w)   19

JCN: Here's Bud Pine--and Why
Received at: 15-JUL-75 09:47
Location: (HJOURNAL, 32971, 1:w)   20

EJK: Demonstration of SENDMAIL Subsystem
Received at: 11-JUL-75 09:05
Location: (HJOURNAL, 32945, 1:w)   21

JHB: TNLS COURSE OUTLINE #2: INTRODUCTION TO STRUCTURE AND VIEWING
Received at: 11-JUL-75 05:35
Location: (HJOURNAL, 32607, 1:w)   22

Comments: This the third release of the second level TNLS course
including significant revisions, It is intended to be given by an
experienced trainer to users who have completed course I and have
had experience with the system at level I, In addition to
introducing structure and viewspecs, it significantly expands
addressing, Printed copies should be obtained from Trainers,
Feedback or JHB,   22a

PKA: Statistical Summary of April Feedback
Distribution: PKA KWAC
Received at: 10-JUL-75 14:37
Location: (HJOURNAL, 32942, 1:w)   23

JHB: THE CURRENT STATE OF TECHNOLOGY TRANSFER
IN COMPUTER AIDED INSTRUCTION
Distribution: JHB SRI-ARC KWAC LEG MIKE EJK
Received at: 10-JUL-75 05:32
Location: (HJOURNAL, 32937, 1:w)   24

Comments: Some months ago I was asked what the state-of-the-art
was in 'computer aided instruction' by a group external to ARC,
This 7 page paper is my necessarily brief answer. It also relates
to one of the areas of investigation for the Applications
Development Group which is concerned with new instructional
methods and tools for NLS training, It is intended for persons
with a background in computers but not necessarily programmers,
although it may be interesting anyway,   24a

GAS2: RETRIEVE user-subsystem
Distribution: GAS2 SRIUU KWAC MAP2
Received at: 7-JUL-75 16:08
Location: (HJOURNAL, 32919, 1:w)   25

Comments: Here is the first cut at documenting the Retrieve

user-subsystem, its a powerful tool that you may have use
for,,,Your comments and suggestions would be appreciated,   25a

RA3Y JCN: RADC's use of Office-1 in June 1975
    Distribution: RA3Y JCN DLS PAW2
    Received at: 7-JUL-75 16:08
    Location: (HJOURNAL, 32917, 1:w)   26

RWW: Some Recent Dialog among the Message Service Committee
    Distribution: RWW SRI-ARC
    Received at: 7-JUL-75 12:06
    Location: (HJOURNAL,32806,1:w)   27

    Comments: BBN has recently released a new Mail system MAILSYS and
    it is planned that it will be used by various 'DoD' Opinion leders
    and a group is using it comparing it with other mail sytems etc
    and generally shaking it down before its releas, HerY is the
    dialog of the past couple of weeks, I have sent them the user
    interface chapter from the recent final report we are working on
    as there is lots of dialog about command language design,
    Secondary Distribution Copy   27a

NDM: Summary Design Description of Data Entry Center Subsystem for
RADC Financial Management System
    Distribution: NDM FSL RBP DLS EJK JPC ELF GAS2 DCE RWW JCN HGL
DSM RJC
    Received at: 4-JUL-75 10:32
    Location: (HJOURNAL, 32905, 1:w)   28

    Comments: developed by JPC, FSL, and NDM   28a

NDM: Creating Directory for RADC Financial Management System
    Distribution: NDM JCP JCN DLS JPC FSL RJC RBP
    Received at: 2-JUL-75 11:31
    Location: (JOURNAL, JRNL27, J32886:gw)   29

    Message: 29a

     Jeff: Please create a directory for RADC as follows: 29a1

        Name: FMS   29a1a

        Password: radc   29a1b

        Disk space allocation: 500 pages   29a1c

        Associated Idents: JPC FSL DLS RJC RBP   29a1d

        Allocation group: RADC   29a1e

            Default File Protection: 775200   29a1f

            Directory Protection: 776000   29a1g

        Also, please define a TENEX group. All RADC directories should
        be in that group. All RADC directories except DRAPER should
        have access to the group. Default file protections can remain
        775200.   29a2

        I have checked this out with Duane. Thanks. --Dean   29a3

DAP: NLS at ETS
    Distribution: DAP ETS JCN JHB FEEDBACK KWAC
    Received at: 2-JUL-75 11:31
    Location: (HJOURNAL, 32885, 1:w)   30

    Comments: For your interest and edification, here is a description
    of what we're currently doing with NLS. Printing it with viewspec
    K will show you that Jim Bair wrote enough of it to deserve the
    blame for any deficiencies; I, of course, will cheerfully accept
    whatever credit is due, plus whatever I can get...
                                                DAP   30a

DCE: Announcement: Dirk van Nouhuys leaving ARC to become DDPCS
community Nucleator
    Distribution: DCE SRI-ARC KWAC DOCPLAN BC JPC DIRT DPCS DHC NJN
MAW JLM EL2
    Received at: 1-JUL-75 07:33
    Location: (HJOURNAL, 32875, 1:w)   31

&SRI-ARC: A BRIEF GUIDE TO USER PROGRAMS AVAILABLE IN NLS-8
    Received at: 30-JUN-75 09:39
    Location: (HJOURNAL, 32874, 1:w)   32

    Comments: A new user programs subsystem has been brought up at
    Office-1. It is called LETTER and replaces the former runable
    program, Letter. A description of the new LETTER and all other
    user attachable programs is contained in this document which
    replaces the earlier document of the same name. The new Guide
    will be available in hardcopy from FEEDBACK and online in the
    directory USERGUIDES (as well as via the Journal).   32a

RA3Y JCN: RADC's Use of Office-1 in April and May 1975
    Distribution: RA3Y JCN DLS
    Received at: 28-JUN-75 17:33
    Location: (HJOURNAL, 32855, 1:w)   33

    Comments: Please note that two weeks contain incorrect data.   33a

JPC: Systems Analysis for FMS
    Distribution: JPC NDM JCN DLS RBP JLM EJK ELF
    Received at: 27-JUN-75 13:37
    Location: (HJOURNAL, 32844, 1:w)   34

    Comments: The purpose of this document is to begin to explain how
    the FMS will do all the things we want it to do (as explained in
    the Functional Design which should be read first).   34a

DVN JHB: Dialog On Change in Command Language in Format Subsystem
    Distribution: DVN JHB DMB JHB DIRT DPCS
    Received at: 27-JUN-75 05:41
    Location: (HJOURNAL, 32833, 1:w)   35

LAC: Plan, parts i and II- see comment
    Distribution: LAC MAW NSW
    Received at: 18-JUN-75 13:08
    Location: (HJOURNAL, 32767, 1:w)   36

    Comments: Apparently, in the crash at office-1 last week,wierd
    things happened to part of the plan, I think I have now recovered
    the first two parts successfully, but it may be a couple of days
    befori I get everything back. Please check this over carefully to
    be sure these parts arn't snashed too. /Larry   36a

LAC: NSW plan, part III- Operating Plan
    Distribution: LAC MAW WEC NSW
    Received at: 27-JUN-75 05:41
    Location: (HJOURNAL, 32827, 1:w)   37

    Comments: Here is the reconstituted part III of the plan, for your
    review.   37a

DVN: DRAFT Format Sample Session
    Distribution: DVN DMB DIRT DPCS
    Received at: 24-JUN-75 17:33
    Location: (HJOURNAL, 26054, 1:w)   38

RLL: terminal cost status
    Distribution: RLL DLS MEH
    Received at: 20-JUN-75 13:27
    Location: (JOURNAL, JRNL27, J26032:gw)   39

    Message: 39a

        We currently have a request out to out procurement guy for the
        hard evidnece on the prices (price lists, etc). As far as I
        know ,Norton says contracts let by us to subcontractors as
        governemetn subcontraccts can be cancelled if govt, main

contract is broken. The problem is one of ethics, perhaps,
since if we know contract is to be only for 6 months we would
have to tell subcontractor that the following 6 onths would be
only a guess (however, posiitive we were), In that case it
apears that the vendors wuld not want to give us the year
price. That is ok , they surely will give uss another prices
for the 6 months. I f you like we can gie that price instead
of the yearly one.   Happy jurying. Rob   39a1

LAC:
    Distribution: LAC RLB2 POOH NSW
    Received at: 20-JUN-75 13:27
    Location: (HJOURNAL, 32791, 1:w)   40

    Comments: reference our previous conversations on the need for
    GNLS to include additional symbols not included and/or easily
    generated from the current set, I have made you a copy of the AF
    maanual which describes the set of approved figures, and am
    mailing it out, This journal item provides a list of those I think
    we need, note that Those rated a '3' in importance i feel are
    probably necessary for an effective minimum system to support the
    application, /Larry   40a

EJK: format-sole-source
    Distribution: EJK RADC
    Received at: 20-JUN-75 09:59
    Location: (HJOURNAL, 32789, 1:w)   41

    Comments: Note: The format is only one page long, but the
    directives will take care of as many pages as your statemnt will
    need   41a

KIRK: The Whole Universe Catalog: a new tool
    Distribution: KIRK LHD GCE DAP GAS2 PWO DLS NJN DHC WKE LPD JTM
DCW WSD RWW JAC3 DMB LLG BEV ARC-APP
    Received at: 18-JUN-75 13:08
    Location: (HJOURNAL, 32768, 1:w)   42

LAC: SRI-ARC proposal no ISU 75-117
    Distribution: LAC JCN RWW DCE NSW
    Received at: 17-JUN-75 20:33
    Location: (JOURNAL, JRNL27, J32764:gw)   43

    Message: 43a

    Recieved your proposal 25902, and am slightly confused. Is this
    for the three slots we are funding through RADC and associated
    with the ARPA-NSW group (ie, that already exist) or is this a

proposal for supplying 3 additional slots(as we discussed while
there)?   43a1

RMS2: Datamedia Keyboards
  Distribution: RMS2 AID
  Received at: 17-JUN-75 12:06
  Location: (HJOURNAL, 32760, 1:w)   44

Comments: Sorry I am late in a response to you question about the
Datamedia keyboards. After a week off, I Xm just now getting to
the backlog of mail.   44a

LAC: NSW Measurements and Evaluation Office
  Distribution: LAC MAW WEC NSW
  Received at: 17-JUN-75 12:06
  Location: (HJOURNAL, 32759, 1:w)   45

Comments: Mike and Bill: Attached is draft of section for nsw
plan, part 3a6, pertaining to the measurements and analysis
office, This piece deals with only productivity and user
satisfaction. I could not remember if we were also going to task
that office with measuring response times, efficiency, and such;
if so, we need to ad some to this.
***MIKE: Were you successful at capturing the plan? if so, I'll
let you merge this in at the appropriate spot.
Comments/complaints/suggestions?   45a

DVN: Output Processor, Document Production, and Editing
Documentation, and Airforce Manuals Format to COM.
  Distribution: DVN DMB DPCS
  Received at: 16-JUN-75 13:35
  Location: (JOURNAL, JRNL27, J26010:gw)   46

Message: 46a

    Friday morning I put on tape at ISI the final version of the
    Introduction to Document Production through NLS
    (dpcsintro.com;1), a new draft of the first editing Sample
    Session (edlcom.com;1) the revised Output Processor User's
    Guide (op-guide.com;1) and a sample formatted in the Airforce
    Manuals format (VIX9.com;1). They are on either tape 113 or
    112, the operator could not read the label. I called DDSI and
    asked Ted Spire to pick them up this morning and fix the label. 46a1

IMM: Delete modifications command in 'process commands branch'
  Distribution: IMM KWAC FEEDBACK
  Received at: 16-JUN-75 13:35
  Location: (JOURNAL, JRNL27, J32754:gw)   47

Journal Items Received...JAN 75--JUL 75

Message: 47a

    I'm building a short demo using the process command branch
    capability and I have run into a snag with the above command
    and I hope one of you out there can help me,.
    When the system comes to the "Delete Modifications" in the
    branch, it stops at "Modifications", it does not echo (to file)
    really? it just stops and does nothing,.I have to abort to get
    out of it,.
    If I jump to the address where that command is and apply the
    process branch command, it works,.I have the required two <CA>,
    why doesn't it work when I start the process from the top?   47a1

RDA: ti-terminals for NSRDC
    Received at: 13-JUN-75 10:59
    Location: (JOURNAL, JRNL27, J32743:gw)   48

    Message: 48a

    I have not received a reply from your 22 May 1975 message to
    RDA and ???, who else was the message sent ? Have you received
    a reply? please send me a message indicating status of my
    request, Thank you,   48a1

RA3Y:
    Received at: 12-JUN-75 17:36
    Location: (HJOURNAL, 32741, 1:w)   49

    Comments: The cited item contains a commands branch that I have
    found useful in keeping track of my online files, Enjoy,   49a

EJK: Helpful Hint #5 from your friendly AKW - Subsystem MODIFY
(Again)
    Distribution: EJK RADC
    Received at: 9-JUN-75 13:45
    Location: (HJOURNAL, 32713, 1:w)   50

    Comments: This file is OK to OUTPUT REMOTE to the printer or
    OUTPUT TERMINAL to print it out at yur terminal,   50a

FGB: New Keyboards for Old
    Received at: 7-JUN-75 15:06
    Location: (JOURNAL, JRNL27, J32698:gw)   51

    Message: 51a

    AIDers,   51a1

        I was talking with Martin Hardy today and he tells me that

he could probably get keyboards of Selectric quality for use
with the DNLS workstation for about $350 or $400 a keyboard.   51a1a

Two of us have just spent an hour or so with
pliers,screwdriver, and soldering iron moving plungers
around on our keyboard so that it was usable again, I think
it would be time well spent if he looks into geting some
decent keyboards.   51a1b

If anybody out there agrees with me, let me know & I''ll
pass the consensus on to Jim Norton.   51a1c

    Regards,   51a2

    Frank   51a3

ELF: vugraphs for fy 76 efforts
     Received at: 6-JUN-75 13:02
     Location: (JOURNAL, JRNL27, J32686:gw)   52

Message: 52a

     mr mcnamara has requested a new vugraph for each of the
     approved fy 76 efforts , each project engineer is responsible
     for providing same with as many of the blocks filled in as
     possible, these were due as of the 25th of may, so far, i have
     received one, there is a lot of preparation required by the
     pso, ejk and marcelle prior to each confession, don't
     complicate the process,please.   52a1

JBP: Eight Bit Binary Format for DPS Messages
     Received at: 5-JUN-75 20:01
     Location: (HJOURNAL, 25966, 1:w)   53

JHB: BASIC TNLS-8 COURSE OUTLINE
     Distribution: JHB US KWAC SRI-ARC EJK
     Received at: 5-JUN-75 20:01
     Location: (HJOURNAL,32609,1:w)   54

     Comments: This is the seventh release of the first course in NLS
     with refinements. It was designed by ARC to be minimally complex
     and yet contain the commands necessary to enable a user to enter,
     edit, and 'mail' text. Course completion time ranges from 1 to 2
     days with a qualified trainer. Printed copies are available from
     Trainers, Feedback, or JHB.
     Secondary Distribution Copy   54a

JHB: THE INTERMEDIATE TNLS-8 COURSE OUTLINE

```
    Received at:   5-JUN-75 20:01
    Location:      (HJOURNAL, 32608, 1:w)                              55
```

    Comments: This the second release of the third level TNLS course
    including significant revisions. It is intended to be given by an
    experienced trainer to users who have completed courses I and II
    and have had experience with the system at level II. The Programs
    and Useroptions subsystems are introduced, Output processing is
    covered, and the Base and Sendmail subsystems are expanded.
    Printed copies available from Trainers, Feedback or JHB.   55a

SGR: Some Feedback Statistics for March - Would you like more?
```
    Received at:   5-JUN-75 20:01
    Location:      (HJOURNAL, 32671, 1:w)                              56
```

DVN: ETS Memo Formatting Program
```
    Received at:   5-JUN-75 20:01
    Location:      (JOURNAL, JRNL27, J25956:gw)                        57
```

    Message: 57a

       This message points to Dean's (32621,) for purposes of adding
       it to the DPCS subcollection.   57a1

WER: NSW Work Statement
```
    Distribution:  WER WEC DLS MAW
    Received at:   29-MAY-75 13:57
    Location:      (HJOURNAL, 32620, 1:w)                              58
```

    Comments: Bill...Any comments/suggestions...Bill Rzepka   58a

JPC: NLS Financial Management System (FMS)
```
    Distribution:  JPC RDK DLS JLM FJT RFI DFB JCN FSL ELF
    Received at:   29-MAY-75 09:23
    Location:      (HJOURNAL, 32616, 1:w)                              59
```

    Comments: THINGS YOU DON'T ALWAYS GET TO SEE IN CONFESSIONS
    which is indicative of the way it has been going on this effort. 59a

DVN: DRAFT Introduction to Documentation through NLS
```
    Distribution:  DVN DIRT DMB DPCS
    Received at:   28-MAY-75 06:57
    Location:      (HJOURNAL, 25931, 1:w)                              60
```

    Comments: For NSW and other documentation purposes.   60a

EJK: Info For RADC Multics users.
    Distribution: EJK RADC

Received at: 23-MAY-75 15:35
Journal Message 32586   61

If you are a Multics user, and you want to send a message to
someone at Office-1 or any other machine on the NET, you should do
the following: Type net-mail nameofaddressee -at
office-1<cr>   If you wish you can Type net-mail
nameofaddressee -at office-1 -subject "Title or subject"<cr>
This will get you the prompt Input   Type in your message a
line at a time, when you are finished, Type on a new line .<cr>
This will send the mail and you wil get back some message to
indicate this has been done.   NOTE: The thing between net
and mail should be an underscore which I do not have on the IMLAC.
LOTS OF LUCK.
*****Note: [ACTION] *****   61a

Comments: (From Bob Walker> Forgive the first version, I forgot
that a carriage return in a SENDMAIL form ends the message, I
substituted 10 spaces for the Carrieage Returns this time,   61b

EJK: Info For RADC Multics users.
    Received at: 23-MAY-75 11:56
    Journal Message 32585   62

    If you are a Multics user, and you want ot send a message to
    someone at Office-1 or any other machine on the NET, you should do
    the following:
    *****Note: [ACTION] *****   62a

    Comments: (From Bob Walker>   62b

EJK: Was machen Sie?
    Distribution: EJK FEED DLS RBP
    Received at: 20-MAY-75 15:01
    Location: (HJOURNAL, 32571, 1:w)   63

JBP: The PCPB8 Format
    Distribution: JBP NSW
    Received at: 19-MAY-75 19:33
    Location: (GJOURNAL, 25892, 1:w)   64

DVN: Marge Lambie of the Bonneville Power Authority Will Visit SRI
    Distribution: DVN KLM EKM PWO DPCS DOCPLAN
    Received at: 19-MAY-75 16:34
    Journal Message 25885   65

    Marge Lambie (25065,)(25216,) (25309,) of the Bonneville Power
    Authority will be here Friday the 23rd, She expects to arrive
    about 9:30 but may be delayed, If she is delayed she will be able

to notify me on Thursday. Doug and I will talk to her about DPCS
and other possibilities at Bonneville and I will demonstrate NLS.
She is particuarlly interested in versions of NLS running on a
Front End machine and/or on their Burroughs equipment. I will ask
Elizabeth Michael and Pat Whitting-O'Keefe to talk with her about
these and related system matters.
*****Note: [INFO-ONLY] *****   65a

WEC: draft sow for sri contract
    Distribution: WEC DLS
    Received at: 19-MAY-75 15:37
    Location: (GJOURNAL, 32548, 1:w)   66

EJK: FORM FOR INPUTS TO VUGRAPHS
    Received at: 19-MAY-75 09:53
    Location: (GJOURNAL, 32541, 1:w)   67

    Comments: I sent this to RADC as an expedient. If it doesn't
    apply to you forget it!   67a

CHI: First release of NSW CLI-10
    Distribution: CHI SRI-ARC NSW WEC KS DLS LAC
    Received at: 16-MAY-75 14:39
    Location: (GJOURNAL, 25876, 1:w)   68

EJK: augmented knowledge workshop 1634
    Distribution: EJK RJC TJB2 JLM
    Received at: 16-MAY-75 14:39
    Location: (GJOURNAL,32502,1:w)   69

    Comments: use the tycom to print out 17, 18, 19
    Secondary Distribution Copy   69a

RLL: Response to Teleconferencing questionnaire.
    Distribution: RLL GAS2 TELECON JCN JHB
    Received at: 13-MAY-75 17:21
    Location: (GJOURNAL, 25866, 1:w)   70

    Comments: This is only a personal response. Let me know your
    feelings by sending pertinent mesages messages to the
    teleconferncing group ident. Thanks.Glenn, sorry I am slow in
    responding.   70a

EKM: Air Force COM Formats
    Distribution: EKM DPCS KIRK EKM
    Received at: 12-MAY-75 09:34
    Location: (GJOURNAL,25840,1:w)   71

EJK: Memo on Terminals

         Distribution: EJK DLS ELF
         Received at: 12-MAY-75 07:33
         Location: (GJOURNAL, 32482, 1:w)   72

JBP: NSW Files -- Package, Format,Types, Movement, Convesrsion
         Distribution: JBP JBP
         Received at: 11-MAY-75 05:33
         Location: (GJOURNAL,25850,1:w)   73

EKM: Air Force COM Formats
         Distribution: EKM DPCS KIRK EKM
         Received at: 8-MAY-75 13:45
         Location: (GJOURNAL, 25840, 1:w)   74

DVN: Rivendell Questions about ARC Jobs
         Distribution: DVN SRI-ARC LEG DHC NJN DLS EJK PWO PMK
         Received at: 6-MAY-75 15:35
         Location: (GJOURNAL, 25829, 1:w)   75

RA3Y JCN: Office-1 Usage by RADC in March 1975
         Distribution: RA3Y JCN DLS
         Received at: 5-MAY-75 16:18
         Location: (GJOURNAL, 32420, 1:w)   76

JBP: MSG a subsystem
         Distribution: JBP SRI-ARC
         Received at: 3-MAY-75 08:34
         Journal Message 25802   77

      The TENEX program MSG for reading and processing mail is now a
      subsystem, --jon.
      *****Note: [INFO-ONLY]
      (Secondary Distribution Copy from RA3Y)*****   77a

JAKE: NIC Reporting 74-75
         Distribution: JAKE DLS DCE JCN RWW DVN
         Received at: 1-MAY-75 17:38
         Journal Message 25817   78

      Dear Stoney, Have checked into the particulars on the 1974-75 NIC
      contract and as far as I know CFSRs are not required on that
      contract, However, Spencer Floyd of our contracts office has sent
      you a brief summary of the financial status of the contract by
      mail, With regard to the QMRs - the contract was signned Feb,
      6, 1975 and the first QMR is due 100 days after signing which
      would make the due date for the first report approximately May 19,
      1975, That of course is the letter of the law but not necessarily
      the spirit, I will try to get a report out sometime next week to
      give you an idea where things stand, If you need other bits and

    pieces please let me know, Regards, Jake
    *****Note: [INFO-ONLY] *****   78a

JBP: 'MSG' mail reading and processing program documentation
    Distribution: JBP SRI-ARC NSW
    Received at: 29-APR-75 15:48
    Location: (GJOURNAL, 25806, 1:w)   79

    Comments: The MSG mail program is installed as a TENEX subsystem
    at BBNB.   79a

DVN: NIC Reporting for '72-'74
    Distribution: DVN DLS JAKE JCN RWW DCE
    Received at: 29-APR-75 15:48
    Journal Message 25805   80

    Duane,
    *****Note: [INFO-ONLY] *****   80a

EJK: Double-logins at RADC
    Distribution: EJK TFL WFS FEED DLS JLM
    Received at: 28-APR-75 14:36
    Location: (GJOURNAL, 32389, 1:w)   81

JAKE: NIC Reports Due
    Distribution: JAKE DLS JCN RWW DCE DVN
    Received at: 28-APR-75 08:28
    Location: (GJOURNAL, 25796, 1:w)   82

EJK: Filters for your Prior/Effort file.
    Distribution: EJK RBP JLM DLS
    Received at: 25-APR-75 14:20
    Location: (GJOURNAL, 32385, 1:w)   83

    Comments: Roger; You can copy these into the top of your file and
    when you want to use them use the command Set Content To: and then
    bug the beginning of the statement which contains the filter you
    want. Using the viewspec 'i' you can look, copy or send to the
    printer, only that which pases the filter. GOOD LUCK Ed.   83a

KIRK: New design for tabs in NLS
    Distribution: KIRK DMB DPCS
    Received at: 24-APR-75 16:39
    Location: (GJOURNAL, 25784, 1:w)   84

    Comments: This is a previous journal item resubmitted in order to
    enter it in the DPCS subcollection   84a

JPC: Status of IBM effort

Journal Items Received...JAN 75--JUL 75

Distribution: JPC JLM DFB EJK DLS RBP
Received at: 23-APR-75 12:37
Location: (GJOURNAL, 32369, 1:w)   85

LAC: System integration Office 2nd pass
    Distribution: LAC WEC NSW
    Received at: 23-APR-75 11:09
    Location: (GJOURNAL, 32365, 1:w)   86

    Comments: Bill, this is a rewrite of the previous document which
    eliminates (i hope) the overlap noted between what the SIO was
    tasked to do and what you have asked COMPASS to bid on in your net
    message, please review and see if this solves the problem,
    thanx/Larry   86a

KIRK: New design for tabs in NLS
    Distribution: KIRK EKM ARC-DEV
    Received at: 23-APR-75 09:02
    Location: (GJOURNAL,25766,1:w)   87

NDM: Proposal for Change in Output Commands Syntax
    Distribution: NDM JCN RLL JHB SRI-ARC
    Received at: 23-APR-75 05:53
    Location: (JJOURNAL,32326,1:w)   88

DVN: Authorship in 'Knowledge Workshop Development'
    Received at: 23-APR-75 05:53
    Location: (GJOURNAL, 25776, 1:w)   89

GAS2: TELECONFERENCING
    Distribution: GAS2 TELECON KWAC
    Received at: 22-APR-75 18:59
    Location: (GJOURNAL, 32360, 1:w)   90

LAC: editing and configuration changes to plan
    Distribution: LAC WEC NSW
    Received at: 21-APR-75 19:44
    Location: (GJOURNAL, 32353, 1:w)   91

    Comments: And finally, some editing and structure changes which
    might help.   91a

LAC: System Integration Office
    Distribution: LAC WEC NSW
    Received at: 21-APR-75 19:44
    Location: (GJOURNAL, 32352, 1:w)   92

    Comments: Bill, system integration office section of the Plan,

Everyone, please review, make comments corrections as required.
/Larry   92a

JHB: TNLS Course No, 3 -- Intermediate
      Distribution: JHB UD RH PKA SRI-ARC KWAC
      Received at: 21-APR-75 18:38
      Location: (GJOURNAL, 32350, 1:w)   93

      Comments: The third of 5 TNLS graduated courses produced by
      filtering the Courses File, Printed copies available upon
      request,   93a

LAC:
      Distribution: LAC WEC NSW
      Received at: 18-APR-75 14:51
      Location: (JJOURNAL, 32325, 1:w)   94

      Comments: Bill, the AFDSDC 'Perspective' for the plan, more good
      stuff still to come,/larry   94a

RA3Y: raw march stats
      Distribution: RA3Y DLS
      Received at: 18-APR-75 14:51
      Location: (JJOURNAL, 32324, 1:w)   95

      Comments: Here are your march stats in raw form, Your formatted
      report will follow later,   95a

EJK: Learn from History
      Received at: 17-APR-75 14:00
      Location: (JJOURNAL, 32314, 1:w)   96

JBP: Copying files within NSW
      Received at: 16-APR-75 09:33
      Location: (JJOURNAL, 25730, 1:w)   97

JBP DSM: NSW File Types
      Distribution: JBP DSM NPG NSW
      Received at: 12-APR-75 17:39
      Location: (JJOURNAL, 25714, 1:w)   98

EJK: Info from Bob Walker on ACM/IEEE Meeting
      Distribution: EJK RADC
      Received at: 11-APR-75 16:11
      Location: (JJOURNAL, 32289, 1:w)   99

JML: Knowledge Workshop Architects' Meeting, 18-21 February, 1975: A
Transcription of Notes
      Distribution: JML SRI-ARC KWAC

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    Received at:    10-APR-75 17:44
    Location:       (JJOURNAL, 32280, 1:w)                              100
```

Comments: I hope that reading these long-awaited KWAC Meeting
notes will be fruitful, and not just an exercise in nostalgia.
Statements preceded by idents in parentheses are rough
paraphrases, not direct quotes; this is not meant to be a
transcript, but the most complete version we have of the notes
taken at the meeting, If you feel that interpretations were at
all fuzzy or hazy, be sure to let me know,   100a

DVN: Files We Need and Can't Get at BB&N
    Distribution: DVN JCP FEEDBACK JCN DMB DPCS
    Received at: 10-APR-75 15:08
    Location: (JJOURNAL, 25698, 1:w)   101

DVN: New Custodian of the DpCS notebook,
    Distribution: DVN DPCS DMB DEE
    Received at: 10-APR-75 15:08
    Journal Message 25696   102

Dee Brooks is taking over from Joan Hamilton as custodian of the
DPCS notebook, I encourage anyone who sends items to this
distribution to add a copy for action to Dee (ident DMB) with a
parenthetical comment to put the item in the DPCS notebook, For
information about parenthetical comments, ask Help about
"distribute effects",
*****Note; [ACTION] *****   102a

Comments: There has been some confusion about Dee's ident, It is
DMB, not DEE,   102b

DVN: For Batch Processor
    Distribution: DVN KEV DMB FEEDBACK DPCS
    Received at: 10-APR-75 15:08
    Journal Message 25695   103

Assuming it could run commands branches and the like, such a
processor could be extremely useful to publications people running
the output processor and printing the result or running other
automated editing operations,
*****Note: [INFO-ONLY] *****   103a

Comments: Response to (25688,)   103b

JHB JCP: Summary of the Changes in the New Version of Tenex -- 1,33
    Distribution: JHB JCP SGR KWAC PKA SGR WEC LAC BEV JMB RA3Y RH
    Received at: 9-APR-75 05:56
    Location: (JJOURNAL, 32272, 1:w)   104
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Comments: Advance notice for Architects                                    104a

DVN:  Please Add Beverly Boli to DPCS and DIRT
    Distribution:  DVN MLK DEE DPCS DIRT ARC-DEV
    Received at:   8-APR-75 12:31
    Journal Message 25682                                                 105

    Please add Beverly Boli (BEV) to DPCS, DIRT, and ARC-DEV.  Beverly
    is an expereienced writer and editor who joins ARC today ancd will
    be working on NSW documumentation. Please take Joan Hamilton off
    DPCS and DIRT.
    *****Note:  [ INFO-ONLY ] *****                                      105a

FGB:  Output Processor Directives
    Distribution:  FGB RMS2 AID
    Received at:   7-APR-75 16:54
    Location:      (JJOURNAL, 32267, 1:w)                                 106

RMS2:  Resetting directives
    Distribution:  RMS2 FEEDBACK AID
    Received at:   7-APR-75 12:31
    Location:      (JJOURNAL, 32262, 1:w)                                 107

Comments: Can you offer any suggestion about this problem?                 107a

JBP:  NSW -- Dispatcher/Encapsulator/File-Package for Tool Bearing
Hosts
    Distribution:  JBP NSW NPG
    Received at:   5-APR-75 10:44
    Location:      (JJOURNAL, 25677, 1:w)                                 108

DVN:  Statement/Paragraph, Plex/Substructure, Wastebasket
    Distribution:  DVN DPCS DIRT
    Received at:   5-APR-75 10:44
    Location:      (JJOURNAL, 25675, 1:w)                                 109

Comments: Responds to 25658 etc.                                           109a

DVN:  Fitting Government Paper
    Distribution:  DVN FEED DEE DPCS
    Received at:   5-APR-75 10:44
    Journal Message 25674                                                 110

    We should have an Output Processor directive something  like
    ".Federalpaper = On;", which you could put in the header, and it
    would reset all the margins, headers, top and bottom etc. to fit
    8.0 x 10.5 paper.
    *****Note:  [ INFO-ONLY ] *****                                      110a

RWW: Draft NSW Proposal for Continuation
    Distribution:    RWW WEC LAC DLS MAW
    Received at:     5-APR-75 10:44
    Location:        (JJOURNAL, 25670, 1:w)                                111

    Comments: This document is a draft in sense that spelling typos
    grammar errors abound but essence is there. I need feedback on
    content as soon as possible.  Thanks Dick                              111a

IMM:
    Distribution:    IMM AID MTB FEED
    Received at:     5-APR-75 08:38
    Location:        (JJOURNAL, 32259, 1:w)                                112

    Comments: This is one of many questions I will be forwarding to
    our new ident hoping we can get responses from anyone who knows
    about this.                                                            112a

JPC: ibm effort
    Distribution:    JPC JCN DLS
    Received at:     4-APR-75 14:33
    Journal Message 32256                                                  113

    Jim & Stoney,  I n order to complete the SOW for this effort, I
    need to know specific identification of the items the government
    plans on furnishing.  For IBM to become fully equated with all
    features of NLS, we have decided on furnishing them with a slot on
    Office-1 and have them access the ARPANET through NBS.  I would
    like to see IBM get a CRT with mouse and keyset and line processor
    for accessing DNLS and a TI for accessing TNLSand also to furnish
    them with a hardcopy capability).  I don't know what we may need
    in the way of modems or communication lines.  Ideaally, we would
    want the terminals to be at IBM (which is located a few blocks
    away from NBS) or if this cannot be arranged, we might set up the
    NLS stations at NBS.  I would appreciate your help in obtaining
    this information, so we can move ahead with this effort.  Thanks,
    Joe.
    *****Note:  [ ACTION ] *****                                          113a

SGR: Request for Inputs on Future Training
    Distribution:    SGR KWAC RH JMB
    Received at:     1-APR-75 06:41
    Location:        (IJOURNAL, 32160, 1:w)                               114

JPC: Additional Users for Office-1
    Received at:     31-MAR-75 09:39
    Journal Message 32225                                                 115

    Jim, I think you are aware of the contractual effort we are

setting up to have IBM look at NLS for us and analyze its
applicability to modern programming practices. In order to give
IBM a fair shot a doing a good job with this, we would like to
furnish them with a slot on Office-1 for approximately 7 months
beginning in June.  At the same time training will be needed for
two IBMers who ill be working on this effort in NLS and L10 and
equipment in the form of a display and line processor display
station must be set up for them in Gaithersburg, Maryland, I just
wanted to remind you about this, so that if there are any probems
on your side, we may begin working on them now,
*****Note:  [ INFO-ONLY ] *****                                   115a

JBP:  elf ncp alternative
    Distribution:  JBP NPG NSW
    Received at:   30-MAR-75 15:38
    Location:      (JJOURNAL, 25642, 1:w)                         116

EJK:  printing more than 63 lines on a page using the TYCOM or the
TermiNet 300
    Distribution:  EJK DVN DLS JLM RJC
    Received at:   28-MAR-75 15:35
    Journal Message 32212                                         117

There is a file in my directory called TEST (I will set the
protection in TENEX to 777777). In it I have OPD's BM=90 and
YMAX=98 among others.  My USEROPTIONS Printoptions have been set
to Bottom Margin 85 and Page Size 95.  I log on either a TYCOM or
a TermiNet and in TENEX set the length of the page to 90.  Then I
output to Terminal, using form feeds and stopping at page end.
Invariably the terminal prints the first 63 lines and numbers the
page and stops. The second page does the same thing.  The same
thing happens on Bobbie Carrier's file IEEE. I have yet to send
it to the lineprinter to see what happens, but realy I don't care,
If we cant't get the file out on the TYCOM we're lost.  I am
completely stumped and am sending this only to help you eliminate
false starts. HELP!!!
*****Note:  [ ACTION ] *****                                      117a

CHI:  NPTG-ARC fingings for 26-Mar-75
    Distribution:  CHI SRI-ARC DLS
    Received at:   27-MAR-75 15:45
    Location:      (JJOURNAL, 25634, 1:w)                         118

DVN:  Resource Notebook Will NOT be Printed through COM this Spring
    Distribution:  DVN JOAN DPCS
    Received at:   27-MAR-75 15:45
    Location:      (JJOURNAL, 25630, 1:w)                         119

RMS2:  New ident for Architects ...  AID

Received at:   27-MAR-75 07:05
Journal Message 32198                                                   120

Thank you for setting up the new ident   AID.  It is hoped that
the architects will find this useful for the exchange of ideas and
problems.  Please feel free to use this ident for information
exchange among architects.
*****Note:  [ INFO-ONLY ] *****                                        120a

EJK:  Possible Glitch in MODIFY Program
    Distribution:   EJK FEED DLS RBP JPC ELF RJC JLM
    Received at:    27-MAR-75 05:54
    Location:       (JJOURNAL, 32196, 1:w)                             121

CHI:  NPTG Findings: Daily Report   24-mar-75
    Distribution:   CHI DCE SRI-ARC DLS
    Received at:    26-MAR-75 12:54
    Location:       (JJOURNAL, 25622, 1:w)                             122

    Comments: Sent via SNDMSG to Network Performance Technical Group
    (NPTG).                                                            122a

JPC:  NLS Financial Management System
    Received at:    25-MAR-75 07:46
    Location:       (JJOURNAL, 32184, 1:w)                             123

    Comments: 'The time has come,' the Walrus said, ' to start getting
    together.'                                                         123a

DVN:  Current Standing of the Editorial Processing Center Project
    Distribution:   DVN JOAN DPCS
    Received at:    22-MAR-75 11:43
    Location:       (IJOURNAL, 25614, 1:w)                             124

POOH:  so you want to print something with directives...
    Distribution:   POOH JOAN SRI-ARC DPCS
    Received at:    20-MAR-75 19:51
    Location:       (IJOURNAL, 25603, 1:w)                             125

DIA:  Statistics on OFFICE-1: Before and After New Drum
    Distribution:   DIA DCE JCN JHB RLL RWW NPG
    Received at:    20-MAR-75 05:40
    Location:       (IJOURNAL,25545,1:w)                               126

EJK:  Helpful Hint #4 from your Friendly AKW - Screen Splitting on
the IMLAC
    Distribution:   EJK RADC FEED
    Received at:    18-MAR-75 14:00
    Location:       (IJOURNAL, 32114, 1:w)                             127

CHI:  Findings to date in Office-1 and BBNB performance problems
investigation
    Distribution:  CHI SRI-ARC WEC DLS
    Received at:   17-MAR-75 17:49
    Location:      (IJOURNAL, 25569, 1:w)                           128

    Comments: Sent via SNDMSG to distribution list in
    <engelbart>slist,                                               128a

EJK:  Telecall - Beame/Kennedy(For Barnum)
    Distribution:  EJK ARB DLS JLM FJT RDK
    Received at:   14-MAR-75 12:12
    Location:      (IJOURNAL, 32098, 1:w)                           129

MAP2:  New SRI workshop Architect
    Distribution:  MAP2 KWAC GAS2 KLM
    Received at:   13-MAR-75 14:47
    Journal Message 32081                                          130

    Glenn Sherwood (GAS2) has recently assumed the role of SRI
    Workshop Architect. He is a staff member of the Office of Computer
    Planning at SRI and will be working closely with individuals from
    the Information Sciences and Engineering Divinion, Kathey Mabrey
    (KLM), from the Information Systems Group, will be acting as
    Glenn's assistant,

    I'll be a "semi-active-retiring architect" for the next couple of
    months while Glenn gets up to speed in NLS-ness, Best of luck to
    the Architects -- it's been fun (a rewarding experience,
    challenge, etc,), I hope to witness an increase in the interaction
    between Architects during the next year -- there's the potential
    for real payoffs for the community, Since I'll be an NLS user as a
    part of the Packet Radio Project I'm sure to be interacting with
    most of you in the future,
       -- Mike
    *****Note:  [ ACTION ] *****                                    130a

RMS2:  PRINTER TYPE GRAPHICS
    Distribution:  RMS2 KWAC
    Received at:   13-MAR-75 11:01
    Location:      (IJOURNAL, 32080, 1:w)                           131

    Comments: This is in response to the interest shown at the last
    KWAC meeting, Your comments are welcome along with any
    suggestions,                                                    131a

RA3Y JCN:  Office-1 Use by RADC in February 1975
    Distribution:  RA3Y JCN DLS

        Received at:    13-MAR-75 11:01
        Location:       (IJOURNAL, 32074, 1:w)                   ·            132

EJK:  Helpful Hint #3 From Your Friendly AKW - COPY Command.
        Distribution:   EJK RADC
        Received at:    13-MAR-75 11:01
        Location:       (IJOURNAL, 32072, 1:w)                                133

EJK:  Jan Statistics for RADC
        Distribution:   EJK DLS JCN
        Received at:    13-MAR-75 09:39
        Journal Message 32068                                                 134

        Thank you for sending me the two links on the Jan Statistics,  I
        would have been interested in reading the files, BUT I have been
        hoist by my own petard; Access is denied to me since these are
        private files.
        *****Note:  [ ACTION ] *****                                         134a

LAC:  B35/4700 COBOL programming in NSW
        Distribution:   LAC EKM WEC MAW RWW JBLL JAH NSW
        Received at:    13-MAR-75 09:38
        Location:       (IJOURNAL, 32066, 1:w)                                135

        Comments: Here is a paper on using NLS to generate and review
        B4700 COBOL programs within NSW, There are still some issues I
        need to resolve (eg, the COBOL manual states that certain headings
        and other items must start in  Field A of the card -col 8-11- but
        it is not entirely clear to mee that it is possible to start such
        entities anywhere within thesefields, or wether they must start in
        COL 8), but this should give you all enough to start thinking
        about.                                                               135a

JEW JBP:  Reply to Section II of BBN PCP Critique
        Distribution:   JEW JBP NSW SRI-ARC
        Received at:    12-MAR-75 17:47
        Location:       (IJOURNAL, 25556, 1:w)                                136

DVN:  Template and Example of Standard SRI Resume including Output
Processor Directives
        Distribution:   DVN DIRT DPCS MAP2 PWO PMK DLS
        Received at:    12-MAR-75 17:47
        Location:       (IJOURNAL, 25555, 1:w)                                137

        Comments: Mike Plako made this,                                      137a

RA3Y:  The January Report
        Distribution:   RA3Y DLS

Received at:   12-MAR-75 15:50
Journal Message 32058                                                    138

Sorry about the confusion. Yes, I was trying to solve the
wrap-around problem in TNLS, I tried to kill the first report,
but I obviously failed. Yes, the February report is in the mill,
It should come quickly, now that I am getting familiar with the
system. By Monday next.    One copy this time. Thanks for the
message.
*****Note:  [ INFO-ONLY ] *****                                          138a

EJK:   Time Expenditure Files
       Distribution: EJK RBP DLS JLM RJC
       Received at:   12-MAR-75 14:46
       Journal Message 32057                                             139

The files used in keeping track of the time expenditures for
inputting to the IDS are all in the DiMaggio directory. The files
are private. However they can be read and written etc. by rbp dls
rjc ejk or anyone logged in as them. They cannot be loaded by
DiMaggio for reading, writing copying etc., since I left him off
the access list. This frees up some of roger's disk space so he
can put more good stuff into his directory.
*****Note:  [ INFO-ONLY ] *****                                          139a

MAP2:   IDENT Request for Special Interest Group on Teleconferencing
        Distribution:  MAP2 FEED MIKE FGB JAKE RAH RLL IMM CKM RA3Y MAP2
DAP SDP RLR RMS2 GAS2 DLS SMT RPU
        Received at:   12-MAR-75 07:47
        Journal Message 32053                                            140

Please set up an IDENT "TELECON" for a special interest group on
Teleconferencing. It should initially include the following:

   MIKE,FGB,JAKE,RAH,RLL,IMM,CKM,RA3Y,MAP2,DAP,SDP,RLR,RMS2,GAS2,DLS,
     SMT,RPU
*****Note:  [ INFO-ONLY ] *****                                          140a

CHI:   NSW Frontend Procedures
       Distribution: CHI NPG RWW NSW
       Received at:   11-MAR-75 19:43
       Location:      (IJOURNAL, 25552, 1:w)                             141

Comments: sent via SNDMSG to Balzer and Crocker.                         141a

DAP:   Your request for comments
       Distribution: DAP FGB KWAC FEEDBACK
       Received at:   11-MAR-75 19:43
       Journal Message 32049                                             142

27

Your message came just when I was on the verge of actually
throwing my terminal out the proverbial window. It's a new one,
not devoid of bugs, and so I naturally assumed...
    YES!!! I too am annoyed. My experiences today parallel
yours precisely, so I won't belabor the point...problems
connecting to OFFICE-1, an OPEN followed by a beep...PFUI.
    So you're not alone in your frustration...wish I could offer
answers and not just sympathy.
                                    Dave
*****Note: [ INFO-ONLY ] *****                                    142a

Comments: re/ <ijournal,32038>                                    142b

RA3Y JCN: Office-1 Use by RADC in January 1975
    Distribution: RA3Y JCN DLS
    Received at: 11-MAR-75 18:43
    Location: (IJOURNAL, 32043, 1:w)                              143

FGB: A Request for Comments
    Distribution: FGB KWAC ILA PRB
    Received at: 11-MAR-75 18:43
    Location: (IJOURNAL, 32038, 1:w)                              144

RWW:
    Distribution: RWW DLS
    Journal Message 25540                                         145

    Duane, because of all the hassles with ELF, BBN and the network
    (we seem to be running about 600 baud) I'm about a week behind on
    the proposal. About wed there should be a very crude draft in
    (watson,nswprop at bbnb, that lists what I am proposing. The one
    area Bill and I have not settled on is with extensions to NLS. At
    very leaxst I think there needs to be one or two guys to work on
    things users want . KWAC made a big list, Finney at pentagon just
    send a good list etc. I think some measurement and tuning now
    that we have it split is also needed.                         145a

Final report hanging in there still some work but essentially all
written, push on Dirk.                                            146

Could come to RADC if necessary on next trip east let me know.    147

Putting your computer where your mouth is and working in the great
computer network market place in the sky gives me nostalgia for the
past. ELF is crashing about 12 times aday and disconnecting from the
net another 6. BBN went up and down like a yo yo acouple days last
week. Characters move through the net like mollasses, there's no
where to go but up. DCE while I'm in San Diego this week is going to
organize something to work with Walker. We are working with Retz to

stabilize ELF but we are first major group to use it and as with our
early TENEX use and net use it will take time.                        148

NSW is not likely to be very stable in July as hassles above will
show up there also and we essentially have our productivity cut in
half until we can get a decent working environment again. Its all
for the best I am sure and all net users will benefit from our pain
(thats what I keep telling myself)  See yah Dick
*****Note:  [ INFO-ONLY ] *****
                                                                      149

SMT:  The FIRSTAID Ident
      Distribution:  SMT RMS2 SMT FGB DLS
      Received at:   10-MAR-75 05:52
      Journal Message 32009                                           150

      Bob,                              With respect o Duane's message
      (31974), I really think that it is important that this group be
      made up of those who are active 'stockholders'. The inclusion of
      any others should be on the basis of individual choice.   NOTE:  I
      note that you have Ron Uhlig's name listed as Roy -- presumably
      you have been aprised of this many times, by now.         With
      respect to Frank's message (31982),  he presents some interesting
      alternatives, but I favor the use of the Journal system, since we
      would like to have the ability to reference such 'fixes' to others
      within our communities, and the Journal makes this relatively
      simple.   What about the idea of setting up a separate 'branch'
      within our several direcctories in the same manner as the Journal
      branch???... would that work, if so, then all deliveries would
      come to use in a 'known' special localtion.  anyway I second
      Frank's last comment about getting the idea off the ground.
      Regards,   -- Stan
      *****Note:  [ ACTION ] *****                                    150a

FGB:  The FIRSTAID Ident
      Distribution:  FGB KWAC
      Received at:   5-MAR-75 18:38
      Location:      (IJOURNAL, 31982, 1:w)                           151

EJK:  Helpful Hint #2 from your friendly AKW - File Access Control
      Distribution:  EJK RADC
      Received at:   4-MAR-75 14:04
      Location:      (HJOURNAL, 31972, 1:w)                           152

EJK:  Modify 'Modify'
      Distribution:  EJK FEED DLS JMB
      Received at:   4-MAR-75 12:54
      Journal Message 31971                                           153

Tried your program MODIFY, The command: Insert Front of Branch
at: etc, works beautifully, So too does Insert Back of Branch or
Plex or whatever, Unfortunately they both DO THE SAME THING,
*****Note:  [ INFO-ONLY ] *****                                      153a

JPC: changes to SOW for IBM's look at NLS
    Distribution:  JPC DLS EJK
    Received at:   3-MAR-75 15:12
    Location:      (HJOURNAL, 31959, 1:w)                            154

    Comments: Please review these proposed chnages to the SOW,  I'm
    trying to beef it up and tell IBM exactly what we want done,  So
    if you know that, let me know,                                   154a

RMS2: New ident for a subset of KWAC ....  FIRSTAID
    Distribution:  RMS2 FGB IMM CKM DAP THP RLR DLS SMT RPU
    Received at:   3-MAR-75 15:12
    Location:      (HJOURNAL, 31954, 1:w)                            155

    Comments: This is in response to the discussions about setting up
    a new ident for use by some of the KWAC members to try to provide
    some form of community aid for the workshop Architects,          155a

FEED: acknowledgement of (31908,)
    Distribution:  FEED EJK WWP2 DLS JLM FEED
    Received at:   3-MAR-75 05:47
    Location:      (HJOURNAL, 31944, 1:w)                            156

FEED: acknowledgement of 25427,
    Distribution:  FEED KIRK JCP FEED DPCS
    Received at:   2-MAR-75 19:36
    Location:      (HJOURNAL, 31934, 1:w)                            157

RA3Y JCN: January Office-1 Usage Report to RADC
    Distribution:  RA3Y JCN DLS
    Received at:   28-FEB-75 12:21
    Location:      (HJOURNAL, 31919, 1:w)                            158

CHI: Phone conversation between Irby and Millstein
    Distribution:  CHI NPG RWW WEC DLS LAC
    Received at:   28-FEB-75 09:57
    Location:      (HJOURNAL, 25512, 1:w)                            159

    Comments: Sent via SNDMSG to Millstein, Warshall, Sattley, Balzer,
    Crocker,                                                         159a

JBP: RFC Index for 1-JUN-74 to 1-FEB-75
    Distribution:  JBP SRI-ARC NSW NLG NSAG

```
    Received at:    28-FEB-75 09:57
    Location:       (HJOURNAL, 25510, 1:w)                    160

RWW: STANDARD NSW FRONTEND CONTROL FUNCTIONS
    Distribution:   RWW SRI-ARC LAC WEC DLS MAW
    Received at:    27-FEB-75 20:50
    Location:       (HJOURNAL, 25495, 1:w)                    161

DCE: To DPCS re Foreign Area Studies group
    Distribution:   DCE DVN DPCS RLL JCN
    Received at:    27-FEB-75 20:50
    Location:       (HJOURNAL, 25494, 1:w)                    162

    Comments: Dirk to follow up, Robert to coordinate         162a

DCE: To DPCS re NAS interest
    Distribution:   DCE DVN DPCS RLL
    Received at:    27-FEB-75 20:50
    Location:       (HJOURNAL, 25492, 1:w)                    163

    Comments: Dirk, please send documents to Perry            163a

EJK: xrated
    Distribution:   EJK DLS RFI FJT
    Received at:    27-FEB-75 15:42
    Location:       (HJOURNAL, 31912, 1:w)                    164

EJK: Journal mail problems - insert character at beginning of
statement.
    Distribution:   EJK WWP2 DLS JLM FEED
    Received at:    27-FEB-75 09:06
    Journal Message 31908                                     165
```

I have gone into your initials file and found two branches named
Journal. I created a new branch named haveread and I moved the
mail from the two Journal branches. I deleted one of the two
hoping that this would solve your proble.m It didn't. So I
deleted the other Journal branch. Normaly the Journal branch is
created by the system and has some mystical qualities that I am
not fully conversant with. Hopefully, any journal mail you get -
such as this - will create a proper Journal branch for you and
your troubles wil be over. Because of the nature of the NLS beast
all insertions are made AFTER SOMETHING. Since the beginning of a
statement is the earliest place where you can put something after,
the only place what you insert can go is after the first
character. If you have left out the first character or want to
put something else ie. a word in the first slot, your best choice
is to use the command replace character. Doing this you can type
in anything you want followed by the first character itself to

restore it, Try it and see what happens, If you read this as
Journal mail your problems are over,
*****Note: [INFO-ONLY] *****   165a

Comments: Bill, I like to help you solve these things, If you can
find the time I'd like some feedback on how successful the fixes
are,   165b

JHB: THE BASIC TNLS-8 COURSE OUTLINE
      Distribution: JHB UD KWAC ARC-APP
      Received at: 26-FEB-75 05:46
      Location: (HJOURNAL, 25478, 1:w)   166

Comments: This is a newly revised version of the first course in
NLS, designed by ARC to be minimally complex and yet contain the
commands necessary to enable a user to enter, edit, and 'mail'
text, Course completion time ranges from 1/2 to 2 days, Printed
copies are available from Trainers, Feedback, or JHB,   166a

JHB: TNLS COURSE OUTLINE #2: INTRODUCTION TO STRUCTURE AND VIEWING
      Distribution: JHB UD KWAC SRI-ARC
      Received at: 26-FEB-75 05:46
      Location: (HJOURNAL, 25477, 1:w)   167

Comments: This is the outline for the second TNLS course which
introduces NLS structure (hierarchical) and special tools for
viewing structured information ('view specs'), It is derived from
the TNLS Courses master file which contains 5 graduated course
levels (by filtering on statement name keys which are then turned
off for printing), This distribution is to KWAC and ARC; printed
copies are available from Trainers or by request to myself or
Feedback,   167a

CHI DSM: Our Current Understanding of the NSW Works Manager with
Questions and Suggestions,
      Distribution: CHI DSM NPG RWW WEC
      Received at: 25-FEB-75 18:42
      Location: (HJOURNAL,25438,1:w)   168

Comments: Sent via sndmsg to Millstein and Balzer@ISIB
Secondary Distribution Copy   168a

KIRK: Locator OP fix
      Distribution: KIRK JCP FDBK DPCS
      Received at: 19-FEB-75 16:37
      Journal Message 25427   169

Since no one else seems to be responsible for locator, I made the
edit referred to in DVN's 25396, Jeff, could you see that a new

copy gets to office-one? P.S. if any one knows how the obsolete
branch for the OP-GUIDE got there in the first place, I would like
to know about it.
*****Note: [INFO-ONLY] *****   169a

DVN: Letter from Dirk Vannouhuys to A.E. Tyler of NSWES
     Distribution: DVN JOAN DPCS
     Received at: 19-FEB-75 15:40
     Location: (HJOURNAL, 25424, 1:w)   170

     Comments: Followup on 25161   170a

EJK: Most Useless Command Contest Entry
     Distribution: EJK FEED DVN DLS
     Received at: 19-FEB-75 14:39
     Journal Message 31881   171

     My candidates for the least useful commands are Merge Plex and
     Merge Branch. For some mysterious reason all they do for me is
     tell me that my first entry is non-existent. Of course, some
     purists would ask why anyone in his right mind would want to merge
     anyway, but here on the other coast some of us are old fashioned.
     *****Note: [INFO-ONLY] *****   171a

     Comments: I think DVN's entry, Forcecase Invisible, is a very
     useful command either with or without a filter and should
     therefore be disqualified. After all, some of us shy, unassuming
     types are secretly very proud of the fact that all of our
     invisibles are, aggressively, UPPERCASE.   171b

DVN: Head Split From Body of Final Report
     Distribution: DVN JOAN FINAL CHI
     Received at: 19-FEB-75 11:47
     Journal Message 25422   172

     I have moved the headmatter (title page etc.), abstract, and
     introducton of the final report to (documentation,headabsintro,).
     This split allows the structureof the file (documenation, final,)
     to reflect the structure of the body of the report, i.e. chapter 1
     is branch 1.
     *****Note: [INFO-ONLY] *****   172a

EJK: Lexicography
     Distribution: EJK RADC
     Received at: 18-FEB-75 14:40
     Journal Message 31879   173

     I am putting together a listing of common terms bandied about in
     our division, I will be coming to some or all of you to get some

help in defining these catchy little devils, Ultimately I will
put together a glossary or dictionary of these terms so that we
can have agreed-upon definitions. Meanwhile, I have been looking
at publications like the American National Standard Vocablulary
for Information Processing, Can anyone define a "Hartley" for me?
Please don't look it up - I know the definition.
*****Note: [INFO-ONLY] *****   173a

Comments: If you wish you can look at my file 'LEXICOGRAPHY', but
don't try to write in it.   173b

JCN: ARC Applications Organization and Staff - February 1975
    Distribution: JCN KWAC SRI-ARC
    Received at: 16-FEB-75 17:39
    Location: (HJOURNAL, 25408, 1:w)   174

DVN POOH: Results of the Most Useless Command Contest
    Distribution: DVN POOH DIA SRI-ARC DLS DHC NJN LEG PWO MAP2 LPD
ECW
    Received at: 14-FEB-75 20:41
    Location: (HJOURNAL, 25397, 1:w)   175

DVN: Links in Locator to Output Processor's User's Guide in Locator
Don't
    Distribution: DVN FEED DPCS
    Received at: 14-FEB-75 20:41
    Location: (HJOURNAL, 25396, 1:w)   176

Comments: This is the Output Processor Branch in Locator, The
files named in the link are not online, Instead a single file
(userguides,op-guide,) contains the information.   176a

JOAN: 'Letter to XXX Tyler at YYY,'
    Distribution: JOAN DPCS
    Received at: 14-FEB-75 13:46
    Journal Message 25391   177

DVNTYLER can bow be read as a journal item under the above title.
*****Note: [ACTION] *****   177a

FGB: Tentative Agenda for KWAC Meeting
    Distribution: FGB KWAC FGB
    Received at: 14-FEB-75 13:46
    Location: (HJOURNAL, 31873, 1:w)   178

RJC: JOVIAL - J73/LEVEL I - Chapter 11
    Received at: 14-FEB-75 08:56
    Location: (HJOURNAL, 31868, 1:w)   179

RJC: JOVIAL - J73/LEVEL I - Chapter 10
   Received at: 14-FEB-75 08:56
   Location: (HJOURNAL, 31867, 1:w)   180

RJC: JOVIAL J73/LEVEL I/Chapter 9
   Received at: 14-FEB-75 08:56
   Location: (HJOURNAL, 31866, 1:w)   181

RJC: JOVIAL J73/LEVEL I - Chapter 8
   Received at: 14-FEB-75 08:56
   Location: (HJOURNAL, 31865, 1:w)   182

RJC: JOVIAL J73/LEVEL I/Chapter 6 & Chapter 7
   Received at: 14-FEB-75 08:56
   Location: (HJOURNAL, 31864, 1:w)   183

RJC: JOVIAL - J73/LEVEL I - Chapter 5
   Received at: 14-FEB-75 08:56
   Location: (HJOURNAL, 31863, 1:w)   184

RJC: JOVIAL J73/LEVEL I - Chapter 4
   Received at: 14-FEB-75 08:56
   Location: (HJOURNAL, 31862, 1:w)   185

RJC: JOVIAL - J73/LEVEL I/Chapter 3
   Received at: 14-FEB-75 08:56
   Location: (HJOURNAL, 31861, 1:w)   186

RJC: JOVIAL - J73/LEVEL I/Chapter 2
   Received at: 14-FEB-75 08:56
   Location: (HJOURNAL, 31860, 1:w)   187

RJC: JOVIAL - J73/LEVEL I/Chapter 1
   Received at: 14-FEB-75 08:56
   Location: (HJOURNAL, 31859, 1:w)   188

JBP: FE - WM interface notes from COMPASS
   Distribution: JBP NSW NPG
   Received at: 13-FEB-75 19:05
   Location: (HJOURNAL, 25383, 1:w)   189

RWW: Thoughts on IBM Evaluation of NLS
   Distribution: RWW DLS DCE JCN HGL EKM
   Journal Message 25380   190

   Duane, I just read your document on the IBM NLS evaluation
   (31828,) and have the following off the top of my head comments.
   1) Task I can not be done without their really studying both NLS
   and how we do our work and programming. Better if they actually

programmed with us. Just studying manuals is no guarantee that
they would see immediately how to use NLS at methodology level. I
would say that some IBMer would have to spend some time here and
work with us for a while. This woullllnvolve our time and require
some funds for consulting training etc for us.   190a

2) Creating the COBOL support processor for the NSW type
environment for task II would be good. It might be required that
the person doing at least the first part of the study live here
for a while. Given our preent limited resources heavily committed
to NSW until July, what is the estimted start date? I thought
they were going to use NLS to do the SP documentation, what
happened? Without our being able to have close contact with them
I have little confidence that anything useful or really valid will
result. The reason is not just parochial, NLS really presents a
very different world from anything that is in the IBM experience
and to ask some cat from an African tribe to evaluate Jeeps for
hunting requires quite a bit of acculturation before it would make
any sense.

*****Note: [ACTION] *****

                                                                          190b

WEC: draft nsw plan (needs lots of work)
    Distribution: WEC DLS MAW LAC WEC
    Received at: 10-FEB-75 20:36
    Location: (HJOURNAL, 31837, 1:w)   191

JCN RA3Y: Office-1 User and System Accounts and Allocations
    Distribution: JCN RA3Y JCP KWAC
    Received at: 10-FEB-75 18:40
    Location: (HJOURNAL, 25320, 1:w)   192

    Comments: Office-1 group allocations are being changed to conform
    to the pending contracts for service today 2/9. Most allocations
    have been in line with the coming contracts during the past few
    weeks.
    In addition, user account numbers are being changed to provide
    bette use data by subscriber . Users may login without knowing
    their new number by typing altmode or escape (to see the number)
    or CR, If any other than the default number is typed, users will
    get an error message advising then to start over and to use
    altmode or escape at the account number request point. It should
    work, Jim N.   192a

DVN: Cost for Hard Copy Printing after COM
    Distribution: DVN FGB JOAN DPCS VGK WEC LAC EAR
    Received at: 10-FEB-75 18:40
    Location: (HJOURNAL, 25319, 1:w)   193

    Comments: Frank Brignoli asked for this information; I am sending
    this item to several other people I thought might be interested.
    23549, 24406, and 24105 contain related information.   193a

DVN POOH: The Most Useless Command Contest
    Distribution: DVN POOH SRI-ARC DLS GCE DHC GSG NJN
    Received at: 10-FEB-75 17:41
    Journal Message 25313   194

    We are accepting entries for this contest through the end of next
    week. All entires must be twenty-five words or less, but you may
    enter as many times as you wish. Please include your return
    address and note that this offer is void where prohibited.
    Several entries have already been received and we will publish
    these to give you examples:
    Dirk: Show Herald
    Kirk: Force Case Invisible (with filter)
    Pooh: Force Case Number
    There will be a prize for the winner and a contest for the
    folloing week has already been planned.
    *****Note: [ACTION] *****   194a

EJK: Memo on IBM Procurement
    Distribution: EJK JPC DLS
    Received at: 6-FEB-75 09:04
    Journal Message 31804   195

    Joe, I read your letter to Procurement in the context of our
    meeting. I feel if you can get the answer to the questions you
    pose, in the context of a discussion where we can give them a feel
    for our thinking, most of the problems will be alleviated.
    *****Note: [INFO-ONLY] *****   195a

DVN: Micro-Datamation, A Possibility of Not-So-Fancy, Inexpensive
COM
    Distribution: DVN JOAN DPCS VGK FGB WEC LAC
    Received at: 5-FEB-75 16:44
    Location: (HJOURNAL, 25303, 1:w)   196

JPC: IBM Prop Eval
    Received at: 5-FEB-75 16:44
    Location: (HJOURNAL, 31798, 1:w)   197

    Comments: This is a copy of the letter I sent to procurement based
    on our evaluation meeting of Feb 3. We made up the TET -
    Technical Eval Team.   197a

EJK: Helpful Hint from your Friendly AKW.
    Distribution: EJK RADC

Received at: 5-FEB-75 16:44
Location: (HJOURNAL, 31795, 1:w)   198

Comments: I am sending this to everyone in the RADC Group. This
is done this way because it is easy to do and I don't know the
individuals' level of capability. If it is too hard or too easy
or of no interest - forget it. Or snd a message and ask for help.   198a

DVN: No Network Virtual COM, but Output Processor Specifications
    Distribution: DVN JOAN LAC DPCS JPB VGK WEC
    Received at: 4-FEB-75 11:03
    Location: (HJOURNAL, 25287, 1:w)   199

    Comments: Reply to 31732   199a

&SRI-ARC: SRI/ARC BASIC TNLS-8 COURSE
    Distribution: &SRI-ARC JMB KWAC SRI-ARC UD
    Received at: 2-FEB-75 16:34
    Location: (HJOURNAL, 25275, 1:w)   200

    Comments: This is a revised version of the first course in NLS,
    designed by ARC to be minimally complex and yet contain the
    commands necessary to enable a user to enter, edit, and 'mail'
    text. It is intended to be used by ARC trainers in all beginning
    courses although Architects are welcome if they have to provide
    their own training. Completion time ranges from 1/2 to 2 days.
    Printed copies are available from User Development.   200a

JAKE: Kwac agenda
    Distribution: JAKE KWAC
    Received at: 2-FEB-75 05:38
    Journal Message 25269   201

    I would like to have a fairly involved session where each of us
    outlines what we have been doing with NLS...that is, building data
    bases, preparing documents, information retrieval, office
    procedures, etc. It would be interesting to learn of new
    applications, approaches, programs, or whatever. A kind of
    show-and-tell-and-share session. Object would be to see if there
    are areas in which various users could collaborate to produce
    general tools useful to many users, and also just to find out what
    everyone is doing that is interesting.
    *****Note: [ACTION] *****   201a

FGB: Suggested Topics for Architects Meeting
    Distribution: FGB KWAC ILA RJM2 CMC LAH PRB
    Received at: 1-FEB-75 14:35
    Location: (HJOURNAL, 31764, 1:w)   202

Comments: Please try to respond by the middle of this week so that
I can send around a tentative agenda by Fri, or Mon,   202a

JBP: NSW Version 2 Changes
    Distribution: JBP NPG SRI-ARC NSW
    Received at: 29-JAN-75 19:37
    Location: (HJOURNAL, 25247, 1:w)   203

    Comments: This is available in output processed form as
    <NSW-Sources>NSWV2CHANGES,PRT for SRI-ARCs Line Printer and
    as <NLS>NSWV2CHANGES,TXT for access by network users,   203a

JCN: KWAC Meeting III in February at ARC
    Distribution: JCN KWAC RA3Y RLL SLJ
    Received at: 28-JAN-75 06:39
    Location: (HJOURNAL, 25218, 1:w)   204

DVN: Phone Log: Dr, Marge Lambie of Bonneville Power Authority
    Received at: 26-JAN-75 13:45
    Location: (HJOURNAL, 25214, 1:w)   205

EJK: Send PART of the Mail Form
    Received at: 23-JAN-75 07:51
    Location: (HJOURNAL, 31694, 1:w)   206

NDM: DDSI Run (including final version DCA Internet Study)
    Received at: 18-JAN-75 15:32
    Location: (HJOURNAL, 31665, 1:w)   207

FEED: re31660, care and feeding of NLS8,,,incomplete
    Distribution: FEED EJK DLS
    Received at: 17-JAN-75 17:40
    Journal Message 31661   208

    ed, I bet you used Process snedmail form: only the top line of
    your msg got through, Process,,,terminates the message field when
    it sees a CR, It could look like a bug, but easy enough to get
    around, just dont use CR in a message field when you process,
    Please resend you msg,,,try branch for source,   Jim/feed
    *****Note: [INFO-ONLY] *****   208a

RWW: NOTES ON NLS BACKEND ON OTHER MACHINES
    Received at: 17-JAN-75 13:39
    Location: (HJOURNAL,25028,1:w)   209

    Comments: Notes compiled at request of Bill Carlson,
    Secondary Distribution Copy   209a

CHI: Some notes on possible NSW tool interaction

```
    Received at:      16-JAN-75 12:01
    Location:         (HJOURNAL, 25120, 1:w)                              210
```

DVN: San Juan, Comken, and Business Cards Go to COM; Delays at ISI;
DDSI weekend working Hours
```
    Received at:      14-JAN-75 11:20
    Location:         (HJOURNAL, 25091, 1:w)                              211
```

SRL: Name Change - Roetter not Lee
```
    Distribution:     SRL RADC NSA KWAC ARPA-TIP
    Location:         (HJOURNAL, 25080, 1:w)                              212
```

JPC: Preliminary Requirements Analysis for Accounting System
```
    Received at:      13-JAN-75 12:44
    Location:         (HJOURNAL, 31624, 1:w)                              213
```

    Comments: This should provide us with a starting point. I would
    like to find out how well suited L10 might be for handling this
    kind of job.   213a

UD: The Network Login Procedure
```
    Distribution:     UD KWAC JNH MG DAP UD RLL DIRT
    Received at:      13-JAN-75 08:43
    Location:         (HJOURNAL, 31622, 1:w)                              214
```

    Comments: This is a complete description of the recently
    introduced Network login procedure. Architects may wish to give
    their users a simplified tutorial, since we do not control the
    Network, and it is experimental, this is subject to change....   214a

JHB: Note on recent Network Problems
```
    Distribution:     JHB JNH MG KWAC UD DCR2
    Received at:      13-JAN-75 07:49
    Location:         (HJOURNAL, 25066, 1:w)                              215
```

    Comments: Architects may wish to distribute this to users at their
    site. This is a copy of the message sent by the Network Control
    Center regarding the significant network problems over the past
    week or so.   215a

DVN PWO: Commerce Business Daily Request for Qualifications to
Supply Computer Publication System to Bonneville Power Authority and
Response.
```
    Received at:      13-JAN-75 04:40
    Location:         (HJOURNAL, 25065, 1:w)                              216
```

    Comments: Mailed Friday the 10th   216a

DVN: A Simple Commands Branch to Reject Journal Mail on Specific

Subjects
    Distribution: DVN SRI-ARC GCE DLS PMK PWO MAP2 NJN
    Received at: 10-JAN-75 05:01
    Location: (HJOURNAL, 25042, 1:w)   217

    Comments: This journal item is sent with tongue in cheek, but only
    partly.   217a

JCN: Cavano Trip to ARC re Accounting System
    Distribution: JCN JPC RWW JHB DLS
    Received at: 7-JAN-75 15:38
    Journal Message 25014   218

    Joe: Sure come on out next week, How about Wednesday and/or
    Thursday, Lots of potentials in the Accounting applications you
    suggest, Jim
    *****Note: [INFO-ONLY] *****   218a

FEED: P, S, to message just sent
    Distribution: FEED DLS FEED
    Received at: 6-JAN-75 16:35
    Journal Message 31575   219

    Patterson's password is wwp but his ident is wwp2, FEED/Susan
    *****Note: [INFO-ONLY] *****   219a

FEED: Patterson directory completed
    Distribution: FEED DLS FEED
    Received at: 6-JAN-75 16:35
    Journal Message 31574   220

    The directory has been set up as you may have discovered,
    Response was not quicker because of so many vacations between
    Christmas and New Years - hope this has not been a problem,
    FEED/Susan
    *****Note: [INFO-ONLY] *****   220a

JHB: Re 24769 and 24819: FEEDBACK as the contact point for
documentation requests
    Distribution: JHB DVN KIRK POOH KWAC SRL RLL JMB
    Received at: 5-JAN-74 11:33
    Journal Message 24997   221

    In response to pirk's request for a permanent ident for
    documentation requests (24769,) and Doug's recommendation that it
    be Feedback (24819,), I am setting up a branch called DOCREQ in
    the feedback master file: (office-1,feedback,feed,docreq), All
    incoming requests for documentation will be moved to this branch
    and forwarded to the utility secretary for mailing (addresses will

be added if necessary), Requests should be coordinated with the
respective architect if not from an architect,
*****Note: [INFO-ONLY] *****   221a

JCN: Accomplishments During 1974 Relating to the ARC OFFICE-1
Workshop Utility Service
    Distribution: JCN CKM DLS
    Received at: 5-JAN-74 05:35
    Location: (HJOURNAL, 24803, 1:w)   222

    Comments: Connie: Maybe this adds something for you to use..? Hope
    so Jim   222a

DVN: Second Output Processor Class
    Distribution: DVN JOAN DPCS PWO MAP2
    Received at: 3-JAN-75 14:35
    Journal Message 24989   223

    On Tuesday January 7th at 10:30 in the Conference Room (J2077) I
    will continue the exposition of the Output Processor from the
    User's point of view that I began December 17, We will take up
    with the layout of a page, including certain errors in the figure
    I handed out at the last meeting, and continue with dicussion of
    the directives most often used and a few typical problems having
    to do with the interaction of directives, All are welcome,
    *****Note: [INFO-ONLY] *****   223a

Journal Items Received...JAN 75--JUL 75

(J33287) 21-AUG-75 05:36;;;;   Title: Author(s): Duane L. Stone/DLS;
Sub-Collections: RADC; Clerk: DLS;

A representative sample,,,could be used as the basis for design of a
reminder/calendar system,

(tickler) RJC   1

   RJC 29-APR-74 07:36   30576
   Tickler Item
   Message: Form 2's (employee time expenditures) are due today.

                                                                        1a

   RJC 25-APR-74 07:45   30554
   message
   Message: On Thursday, April 25, 1974, Congressman Mitchell will be
   speaking on recent legislation of interest to engineers. A
   question and answer period will follow his talk. This will be at
   Trinkaus Manor at 8 PM, sponsored by ASME. All interested are
   welcomed. A dinner is available at 7 PM at $4.25. For further
   information please contact Mr. Dick White, ext. 2151.

                                                                        1b

   RJC 25-APR-74 07:40   30553
   tickler for the week of 29 Apr
   Location: (LJOURNAL, 30553, 1:w)

                                                                        1c

   RJC 22-APR-74 12:12   30510
   ATTENTION ALL PERSONNEL
   Message: Training on Maintaining R&D Case Files - 1330 hrs. -
   Conference Room 1 - MANDATORY that all Administrative personnel
   and engineering personnel who are involved in R&D projects attend.

                                                                        1d

   RJC 11-APR-74 07:25   30450
   Tickler for week of 15 April 1974
   Location: (JJOURNAL, 30450, 1:w)

                                                                        1e

      Comments: oMain Concern for next week is ISI Confessions!   1e1

   RJC 2-APR-74 07:53   30380
   Tickler for week of 1 Apr - 5 Apr 74
   Location: (JJOURNAL, 30380, 1:w)

                                                                        1f

   RJC 15-MAR-74 12:54   30233
   Tickler for the Week of 18 March 1974
   Location: (HJOURNAL, 30233, 1:wyD)

                                                                        1g

   RJC 12-MAR-74 13:10   30217
   Tickler Time

Location: (HJOURNAL, 30217, 1:w)

1h

RJC 7-MAR-74 13:04 30193
Tickler for week of 11 March - 15 March
Location: (HJOURNAL, 30193, 1:w)

1i

Comments: oIn case, you are interested, Frank Tomaini will be
on travel the week of 18 March (THE WHOLE WEEK)   1i1

RJC 27-FEB-74 06:49 30152
REMINDER FOR FORM 2s
Message: Form 2's (employee time expenditures) are due today.

1j

RJC 27-FEB-74 06:48 30151
Reminder & Info
Message: Demonstration on common aspects of the ARPANET and the
NLS - FOR Charles Strom and Comm people - Focal point - E,
Kennedy.

1k

TJB 19-FEB-74 13:46 30110
Branch Meeting Notes - 19 Feb 1974
Location: (HJOURNAL, 30110, 1:w)

1l

RJC 19-FEB-74 05:56 30108
tickler for 19 - 22 Feb
Location: (HJOURNAL, 30108, 1:w)

1m

RJC 14-FEB-74 06:07 30083
tickler for week of 18 Feb through 22 Feb
Location: (HJOURNAL, 30083, 1:w)

1n

RJC 25-JAN-74 07:48 30006
Tickler for Week of 28 January
Location: (GJOURNAL, 30006, 1:w)

1o

RJC 26-NOV-73 07:34 20499
trip report form
Location: (IJOURNAL, 20499, 1:w)

1p

RJC 3-JAN-74 06:10 21268

Tickler for week of 2 January through 11 January
Location: (MJOURNAL, 21268, 1:w)

1q

RJC 17-DEC-73 06:54 20922
Tickler for week of 17 Dec
Location: (MJOURNAL, 20922, 1:w)

1r

RJC 10-DEC-73 06:07 20825
Tickler for week of 10 December
Location: (MJOURNAL, 20825, 1:w)

1s

RJC 6-DEC-73 06:52 20731
tickler for week of 3 Dec - 14 Dec
Location: (MJOURNAL, 20731, 1:w)

1t

RJC 28-NOV-73 07:20 20598
Tickler for 26 Nov Thru 7 Dec 73
Location: (IJOURNAL, 20598, 1:w)

1u

RJC 27-NOV-73 06:16 20548
Tickler for week of 26 Nov - Additional Info
Location: (IJOURNAL, 20548, 1:w)

1v

RJC 26-NOV-73 05:24 20495
tickler for week of 26 November
Location: (IJOURNAL, 20495, 1:w)

1w

RJC 21-NOV-73 05:49 20432
tickler for the week of 26 Nov 73
Location: (IJOURNAL, 20432, 1:w)

1x

RJC 20-NOV-73 06:44 20385
Preparation of Form 2
Location: (IJOURNAL, 20385, 1:w)

1y

Tickler Messages   73-74

(J33288) 21-AUG-75 05:43;;;;   Title: Author(s): Duane L. Stone/DLS;
Sub-Collections: RADC; Clerk: DLS;

the promised audio-visual item summary

THE AUDIO-VISUAL PRESENTATION CAN BE SPLIT INTO TWELVE MAJOR SCENES.
THE SCENES OR AREAS OF CONCENTRATION CAN BE EXPANDED AS FOLLOWS   1

1.   INTRODUCTION : ASK A NUMBER OF QUESTIONS TO PROMOTE VIEWER'S
IDENTIFICATION WITH THE TOPIC AT HAND ---- NAMELY THE ROLE OF
COMPUTERS INT THE PROFESSIONAL LIFE OF THE USER.   1a

2.   PREAMBLE : BRING IN THE TITLE 'NLS' AND THE MAJOR AREAS OF
AUGMENTATION THAT THIS SYSTEM SERVES.   1b

3.   NLS EXPLANATION : INDICATE THE BASIS OF NLS , NAMELY THE
COMPUTER SYSTEM BEHIND IT AND SOME OF THE HARDWARE.   1c

4.   EXAMPLE1: DOCUMENTARY INTERVIEW STYLE EXPANSION OF THE
EXAMPLE OF JUST TWO PEOPLE HANDLING THE ENTIRE ARRANGEMENT AND
RUNNING OF A CONFERENCE USING THE NLS SYSTEM.   1d

5.   UNIQUENESS OF BPG : EMPHASIZE THE UNIQUENESS OF BELL AND BPG
AS PARTICIPANTS OF NLS AND FEW OUTWARD SIGNS OF THE NLS
PARTICIPATION.   1e

6.   EXAMPLE2 : THIS EXAMPLE ILLUSTRATES THE INTERPERSONAL ASPECT
OF THE NLS SYSTEM - NAMELY SPATIALLY DISPERSED PEOPLE CAPABLE OF
WORKING TOGETHER - HOPEFULLY A REVENUE OR A POLICY QUESTION
EXAMPLE. ALSO INTER ACTION OF THE AUDIO PORTION OF THE TELEPHONE
SYSTEM WITH THE NLS CAPABILITIES HELPING CLOSE INTERACTION.   1f

7.   RECAP : MAJOR AREAS OF APPLICATION FOR NLS ARE REPEATED AND
SING THE PRAISE OF THE SYSTEM IN GENERAL (ALL THE GOOD THINGS THAT
IT DOES TO HELP THE PROFESSIONAL).   1g

8.   EXAMPLE3 : A SAMPLE OF THE TYPE OF USE THAT A MANAGER UNDER
PRESSURE MIGHT PUT THE SYSTEM TO -- SYSTEM CAPABILITIES THAT HELP
A MANAGER MEET AN IMPOSSIBLE DEADLINE. DRAMA IN ONE ACT!   1h

9.   CONTINUATION OF 8 : THE PROCESS OF GENERATING THE REPORT,
ILLUSTRATE THE TEXT EDITING CAPABILITIES - VISUALLY,   1i

10.   SET OF EXAMPLES : THESE ARE EXAMPLES THAT WILL MAKE THE
VIEWER WANT TO USE THE SYSTEM - NAMELY THOSE HE CAN IDENTIFY WITH,
EG,PERSONAL CALENDAR FOR APPOINTMENTS,PERSONAL PERT CHART FOR WORK
LOAD,MESSAGE SYSTEM,CONTENT ANALYZER GOODIES ETC, -- ARRANGED IN
INCREASING ORDER OF COMPLEXITY AND INTEREST AND ILLUSTRATED WITH
THE DYNAMIC SCREEN DISPLAY,   1j

11.   BPG'S USAGE : USAGE STATISTICS AND THE FACT THAT CLERICAL
STAFF ARE VERY HEAVY USERS OF THE SYSTEM, PLAY UP THE HUMAN ANGLE
AND GET THE FEELING OF CLOSE INTERACTION WITH THE SYSTEM ACROSS,   1k

12.   WRAP UP : SING THE GLORIES AGAIN AND PAINT THE PICTURE OF
THE FUTURE TO LEAVE THE PRESENTATION ON AN UPNOTE   1l

the promised audio-visual item summary

(J33289)   21-AUG-75 07:16;;;;   Title: Author(s): Anand Kumar/AK2;
Distribution: /SGR([ACTION]) ; Sub-Collections: NIC; Clerk: AK2;

33289 Distribution
Susan Gail Roetter,

Briefing Prepared for Gen Evan's Visit

Flip charts are in my office

Briefing Prepared for Gen Evan's Visit

< STONE, BRIEF,NLS;1, >, 6-AUG-75 15:28 DLS ;;;;   1

Briefing Prepared for Gen Evan's Visit

    One of the recommendations consistantly given by groups
    studying the S/W development problem is: 1e1

        GIVE THE PROGRAMMERS AND MANAGERS TOOLS TO ASSIST THEM IN
        THE PROCESS, **point to chart**   1e1a

the basic premise underlying this recommendation is that
the additional cost of the tools will be more than offset
by the benefits of increased productivity and fewer
errors,   1e1a1

The NSW Project implements this recommendation in a cost
effective manner,   1e2

Commentary on CHART 2   1f

There are a lot of S/W tools that exist in universities and
research organizations around the country;   1f1

    online text editors, debuggers, interactive compilers, test
    generators, etc   1f1a

but they have not found their way into general use in the
operational elements of the Air Force.   1f2

The NSW should greatly speed up the process of technology
transfer from R&D to operation,   1f3

The ARPANET offers an excellent vehicle for realizing the NSW
goals. It has grown in 5 years from a small network of ARPA
sponsored contractors to its present status where there are
over 50 sites, including many at military installations. In
JULY it was turned over to DCA and now is supported as an
operational element of the DOD,   1f4

The ARPANET does an excellent job of supporting digital
communications between computers, however when a user wishes to
use more than one tool, he faces a bewildering maze of
operating system differences and command language
idyosyncracies, If he masters these for 2 or more tools, and
wishes to transfer a file from one tool to another, he must
learn the File Transfer Protocol, know the types of files being
transfered and know how to convert them so they can be used at
a second host. These procedures and programs are sufficiently
complex to prohibit use of a wide variety of tools by the
average software development team,   1f5

The technical objective of the NSW project, then is to: 1f6

    develop a mechanism which allows easy and unified access to
    tools and which provides managers a means of controlling
    resources allocated to large software development projects,   1f6a

Commentary on CHART 3   1g

Briefing Prepared for Gen Evan's Visit

The NSW consists of 3 components currently under development:
the executive system, the frontend and the protocols.   1g1

  The NSW EXEC has functional responsibilities similar to
  those of an executive system on a single machine. It
  allocates resources...keeps track of files and who has
  access to them...performs accounting and billing...moves
  data, files and programs,,,and provides general utility
  services.   1g1a

    In addition, it has a management data collection and
    reporting module; which will be used by managers to track
    progress and resource expenditure on software development
    projects.   1g1a1

  The NSW FRONTEND provides the user with a unified interface
  to the EXEC and tools. It supports a variety of teletype
  and CRT terminals. It provides a consistent way of
  specifying and using commands. It standardizes interrupt
  characters, control characters and access to help
  mechanisms. Through the use of its USER PROFILE software,
  it can be easily tailored to individual preferences.   1g1b

  The NSW PROTOCOLS are the "glue" that holds it all together.
  They are a set of rules or standards for data types, file
  types and procedure calls, which must be implemented on each
  Tool Bearing Host that is a part of the NSW.   1g1c

Commentary on CHART 4   1h

  The development of the NSW is jointly supported by ARPA, AFDAA
  and RADC. We feel that this is a nice mix of Research,
  Development and Operational organizations. The project is a
  year and a month old. It is scheduled to begin experimental
  use this Fall. The initial user organizations include the Air
  Force Data Systems Design Center in Montgomery Alabama, the Air
  Force Data Services Center in the Pentagon and RADC. The NSW
  EXEC will be located in the Boston area and an advanced
  documentation system in the LA area. **point to each location
  on the chart**   1h1

  The DSDC has 600-700 programmmers who are responsible for
  the maintenance and upgrading of Base level software on the
  B-3500. Their primary problem areas are COBOL compilation
  and documentation. They will be maintaining their source
  code on the computer in LA, submitting it to their B-4700
  development machine in Montgomery, and have the results
  returned to LA for viewing and analysis.   1h1a

Briefing Prepared for Gen Evan's Visit

The DSC will be using the NSW to access the RADC MULTICS
system to do unclassified program development and debugging,
Finished programs will be transferred to tape on their
FRONTEND and loaded on their classified machine. They will
be using the Documentation computer to maintain source code
and to publish large manuals (in excess of 400 pages),   1h1b

RADC will be using the NSW to support the Language Control
Facility, to gain user feedback on tools it is developing,
and to evaluate vendor's tools.   1h1c

The Army and Navy are watching this programm with great
interest, We have also been in contact with other Air Force
elements who are watching to see if this project might provide
a means of improving their software development efforts....Talk
about SAMTEC if there is time....   1h2

Over the next year and a half, the NSW will be used, improved,
evaluated and tested for its efficiency and effectiveness. At
that time we whould know if it met its original objectives of: 1h3

reducing the cost, improving the timeliness, and cutting the
errors of software development,   1h3a

Briefing Prepared for Gen Evan's Visit

33290 Distribution
    Mike A. Wingfield, John L. McNamara, Frank J. Tomaini, Robert D.
    Krutz, Alan R. Barnum,

draft of DDPCS thinkpiece

This is a draft of a possible DDPCS document put together using
Dirk's draft no. 4 and other materialscattered around. Updates,
recommendations, additions and comments are welcome.

draft of DDPCS thinkpiece

INTRODUCTION

1

The field of machine-aided document production is experiencing a
period of chaotic growth. New hardware and systems ranging from
typewriters with limited magnetic card memory to highly
sophisticated systems such as SRI's Augmented Knowledge Workshop
are flooding the marketplace with minimal semblance of order,
standardization of equipment, anticipation of system evolution, or
problem orientation. Users report startling successes and
failures, but more frequently report uncertain outcomes in a field
where the real costs of the old procedures are difficult to
quantify, where organizational lines frequently inhibit change,
and projection of the effects, benefits, and shortcomings
resulting from adaptation of an unfamiliar medium into an untested
environment provide a thin and an unreliable veneer of likely
acceptance and economic justification.   1a

At the same time the conventional methods of publication are being
threatened sharply on several fronts. Paper costs are becoming
prohibitive, labor costs are rising, and production schedules are
becoming tighter.   1b

We believe that the increasing cost of conventional processing and
the promise of economy and efficiency of computerized document
production has brought many organizations to these alternative
approaches to current equipment and procedures despite the
seemingly equivocal results. The competitive edge becomes a
looming threat to the continued existence of many traditional
publishing operations as spiralling costs march on unabated. In
addition the pure volume of material when stored conventionally is
increasingly unmanageable, and growing technological pressures are
accelerating the gradual transition to computer-aided document
production systems.   1c

These pressures include: 1d

   *the rapid expansion of automated information storage and
   retrieval systems and abstracting services,   1d1

   *the growing number of client requests for material to be
   submitted in machine readable form,   1d2

   *the use of microfilm for document storage to improve the
   efficiency of space utilization and to increase the item
   reference speed,   1d3

   *the rapid transmission of documents and other textual material
   over large distances, and   1d4

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*the phenomenal appearance of a plethora of computer aids and
services in both the highly specialized areas as well as the
general purpose text processing field.   1d5

Since there are a large number of computer service bureaus,
software editing packages and specialized automated tools designed
for or adapted to the document publication industry and offering
text processing facilities, the selection of equipment or services
suitable to fit the needs of the organization becomes a herculean
task requiring extensive research on the part of the technical
publisher, and education to facilitate interpreting the jargon.
Coupling this with the predictable lack of objectivity on the part
of potential vendors makes the chances of choosing wisely very
small. Other potential barriers, often technical, likewise
contribute to these problems. The equipment specifications are
expressed in jargon readily comprehensible only to computer
systems experts. The economies of scale cannot readily be
predicted at such an early stage. Potential incompatibilities
between the equipment capabilities and the company needs can be
elusive. Even just researching equipment with better or more
suitable gear to accomplish the requirements can be laborious and
confusing.   1e

Perhaps at the heart of much of this discussion is the implicit
often dramatic change in procedures that attends incorporating new
tools in the document preparation operation. Unless these are
foreseen and prepared for, use of the tools will likely be
abortive and result in extended deadlines rather than improved
efficiency.   1f

SRI has actively participated in the evolution of document
production automation and has also kept abreast of the
developments both big and small in the industry growth. We have
analyzed and rationalized client procedures to assist adjusting to
the incorporation of new tools.   1g

To focus more directly on these tasks, SRI has assembled a
talented core of research staff with a long history of involvment
in and dedication to the growth and adaptation of computer-aided
text-processing systems to client needs. This team consists of
systems analysts with expertise in a number of computer
specialties, high technology computer system engineers with
extensive system development experience in the text-processing
field, and technical editors and staff from the SRI technical
publications services who lend production-oriented publications
experience and insight to the effort as required.   1h

This combination of skills from complementary text-processing
oriented disciplines with a long history of involvement in

2

computer-aided text-processing and having as a primary goal the
design and development of production-oriented automated
text-processing systems offers a uniquely qualified team for
effectively coping with commercial document production problems,   11

OBJECTIVES   2

We are initially offering selected services to potential clients
with the following primary objectives: 2a

   *To assist the client in defining and pragmatically achieving a
   viable, economical, and customized approach to his document
   production tasks, often requiring one or more of the following
   goals,   2a1

   *To identify alternative means of achieving a cost-effective
   rationalized system,   2a2

   *To report on the alternative path options, following which the
   client participates in the selection of an acceptable approach,   2a3

   *To develop a plan for incorporating automated aids in the
   technical publication system. This plan will be designed to
   have continuity in time and bridge the primary immediate
   requirements with the diverse long range needs of the client
   organization,   2a4

   *To specify, design, and implement a production-oriented
   automated text-processing system tailored to the specific
   requirements of the client organization and, where appropriate,
   apply current technology tools in a total system approach to
   the application at hand,   2a5

METHOD OF APPROACH   3

   Our past and continuing dedication to the application of automated
   tools to the technical publication industry gives the SRI team a
   rare melding of both the maturity and wisdom derived from
   experience and a tempered perspective on the problems and their
   solutions. We are offering this expertise in a phased set of
   services typically consisting of the following steps: 3a

   Preliminary Phase-Problem Definition and Scope   3a1

      *Perform a study to determine the nature of the client's
      documentation production activities and to assess the
      feasibility of applying automated techniques,   3a1a

draft of DDPCS thinkpiece

       *From this initial study to estimate the cost and scope of
the first in-depth analysis phase.   3a1b

First Phase-Analysis   3a2

    *Investigate and record the internal procedures in the
document processing flow of the organization.   3a2a

    *Identify the anticipated direction and growth of the client
organization in publishing and word processing areas.   3a2b

    *Invoke techniques that we have developed to establish a
basis for quantifying the costs associated with their
publishing operations.   3a2c

    *Analyze the detailed document characteristics for format,
class of material, rigidity of layout, type of character
sets, complexity of capture, publication schedules, etc.   3a2d

    *Identify functions characterized by inefficiences,
operations that would benefit by procedural improvements or
steps obviously amenable to automated techniques.   3a2e

    *Given the publishing problems, determine in the abstract
one or more desireable courses for achieving these
requirements and goals.   3a2f

    *Identify available or achievable systems support for these
approaches from the complement of current equipment,
services, and software to assess the availability of a
suitable match.   3a2g

    *Recommend and, if so desired, design or guide the
implementation of a system suited to the client needs.   3a2h

    *Introduce the concept of the Document Development Community
to the client and offer the option to subscribe to the
service.   3a2i

Subsequent Phase-Detailed Design, Implementation, Further
Consulting, ...   3a3

    *As requested or indicated.   3a3a

Some clients interested in maintaining touch with state-of-the-art
development in this area may then choose to join the Documentation
Development Community.   3b

WORK STATEMENT   4

Preliminary Phase   4a

    Survey the clients text=processing operation and review their
    requirements to gain perspective on their needs and goals and
    determine feasibility. This requires access to and assistance
    from the client organization's staff, (Usually one to two
    manweeks)   4a1

    Prepare and submit a proposal for first phase tasks.   4a2

First Phase   4b

    Identify the sort of support needed or sought and the
    environment and scope of the desired system or upgraded
    requirements.   4b1

    Perform a study analyzing the technical publication operation
    to document the system flow and the interaction of
    complementary facilities as well as to ascertain the philosophy
    behind the current structure of the operation.   4b2

    Quantify the relevant statistics, such as the number of rewrite
    cycles, the delay times, document revisions,extent of editorial
    corrections, percentage of boilerplate material, format
    continuity within documents and degree of reuse of documents.   4b3

    Establish a phased development plan, and document it in the
    form of a final report.   4b4

Subsequent phases=As Required   4c

QUALIFICATIONS OF SRI   5

Overview   5a

    SRI has been active in systems analysis, design and development
    of computer=aided systems for word processing and publication
    since 1962. This work encompasses federal government, local
    government, military and commercial clients, in addition to
    in=house applications.   5a1

        * We have performed system analysis of machine=aided
        publication, considering in detail and choosing the most
        economical or efficient combination of procedures, hardware,
        and software, for a number of customers substantially
        committed to computer=based document production .   5a1a

        * We have conducted in=house research to produce a
        computer=based prototype tool which could be adapted to form

the core of a full scale document production system, This
system, the Machine Aided Editing (MAE) system, is a
mini-computer-based interactive documentation production
system that has been operational in a limited production
environment for over 12 years,   5a1b

* We have developed NLS, a sophisticated on-line timesharing
system widely accessed through computer networks. It is a
highly interactive system which aides a wide variety of
knowledge tasks, such as managment informaton flow and
software system development, A community of users for whom
document production via this system is now a principal
activity has been steadily growing,   5a1c

*As one aspect of our growing concern with this area, we
have formed a community of NLS subscription members whose
primary activity is document production,   5a1d

Project Experience   5b

Work on text processing and documentation systems has ranged
from simple dedicated stand-alone systems to complex
multiterminal editorial production systems operating within a
distributed computer network, These efforts have encompassed
analyzing and rationalizing the steps involved with many facets
of the process, including text capture; text processing,
editing, and formatting; and document output,   5b1

One notable project that has particular relevance here is the
design of a complete editorial production system for
Encyclopaedia Britannica, SRI documented the entire editorial
process for the Encylopaedia Britannica, prepared a preliminary
system design for a machine-aided editorial system and
performed an economic comparison of the proposed system versus
the manual system, SRI delivered a final system design that
included software, detailed hardware and software
specifications, personnel requirements, schedules, and
milestones, SRI also assisted with the initial system
implementation phase,   5b2

Other activities have included providing consulting services to
clients needing assistance in identifying suitable computer
systems support or service bureaus and in making more effective
use of text-handling systems through: 5b3

    *hardware acquisition   5b3a

    *procedural analysis   5b3b

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    *software tool development   5b3c

    *guidance in more effective use of the system software   5b3d

    *the identification and selection of available service
    bureau support   5b3e

Machine Aided Editing (MAE) System   5c

    MAE is a minicomputer-based (PDP 11/20) text editing system
developed in the Information Science Group (ISG), Its primary
function is to provide an environment for the development of
production-oriented text handling techniques and to demonstrate
the application of these techniques to potential clients. A
growing portion of MAE activity has been devoted to report
preparation by SRI staff. For example, most reports generated
by the Information Systems Group are processed through MAE, and
groups such as Chemical Information Services are working with
ISG personnel to use MAE for some of their production text
handling requirements.   5c1

    MAE is a fairly powerful page-oriented text editing system,
The approach has been to create an easy-to-learn machine-aided
environment for processing. The offline text capture activity
is designed to enable secretarial personnel to enter text
efficiently with minimal training and without transitional
difficulties. The tutorial approach used in the online portion
of MAE allows the novice user to accomplish his editorial goals
with relative ease. But MAE is a developmental system for the
exploration of a specific set of text production problems; it
is not intended to be either general purpose or used directly
in a production environment in its current implementation. It
might be best characterized as a prototype of a production
system, one that addresses specific application areas for which
there are demonstrated needs but no current commercial
offerings.   5c2

    MAE can direct text to a variety of hard copy output devices,
Text may be transferred to a cassette for playback at the IBM
Selectric station using any of a selection of type spheres,
Output may be produced on a medium-speed 96-character
(upper/lower case) line printer. Output from MAE on magnetic
tape can be directed to a commercial photocomposer to produce
high-quality, camera ready masters. A MAE text file can be
output on a medium acceptable to another external device for
hard copy production or on-line network transmission.   5c3

Documentation Development Community   5d

SRI is also creating a community of organizations interested in
sharing long-range development of computer-based document
production. The community pools information, developments in
procedures and software, and has access to the Augmented
Knowledge Workshop which is a community of NLS users. The
latter is a flexible, sophisticated computer information
handling system suitable not only for document production but
for development of prototype software and procedures, and for
information exchange among participants. The products of all
development work within the community are shared freely by all,
as well as technology breakthroughs as they occur in the field
at large, but members may also arrange separate, specialized
work by SRI outside the community.   5d1

NLS   5e

NLS provides the basis for flexibly creating, modifying,
disseminating, and controlling documentation. NLS has
particular advantages in easy modification of master copies,
large-scale modification and reorganization of documents either
as initial drafts or later for revision after publication,
facil detailed editing, flexibility of printed output,
including line drawings, and facile creation of special purpose
subsystems. NLS is used as a medium to make printed or
microfilm versions of files that are primarily intended for
reading online and to publish material that would not otherwise
be online,   5e1

8

draft of DDPCS thinkpiece

(J33291) 21-AUG-75 09:11;;;;   Title: Author(s): Pat Whiting
O'Keefe/PWO; Distribution: /DOCPLAN([ACTION]) ; Sub-Collections:
NIC DOCPLAN; Clerk: PWO;   Origin: < O'KEEFE, DRAFTB,NLS;4, >,
21-AUG-75 08:46 PWO ;;;;####;

33291 Distribution

James H, Bair, David R, Brown, Glenn A, Sherwood, N, Dean Meyer,
Kathey L, Mabrey, Norman R, Nielsen, Thomas L, Humphrey, Robert Louis
Belleville, Elizabeth K, Michael, Richard W, Watson, James C, Norton,
Robert N, Lieberman, Pat Whiting O'Keefe, Douglas C, Engelbart, Dirk
H, Van Nouhuys,

John Senders

I'm interested in hearing John Senders, what do I do?   1

John Senders

(J33292)   21-AUG-75 09:18;;;;   Title: Author(s): Raymond R,
Panko/RA3Y; Distribution: /DVN([ACTION]) ; Sub-Collections:
SRI-ARC; Clerk: RA3Y;

33292 Distribution
   Dirk H, Van Nouhuys,

Re: Helpful Hint - Filtering Deletes, (33205,) EJK

The insight into NLS technique and the writeup are fantastic! I
would like to send a copy to KWAC and ARC-APP if alright with you.
One minor mistake, I believe, is the use of Groupp instead of Plex in
the paragraph Labeled "(N.B.)" -- not sure what that is-- where you
say "The command Deletee Groupat ...".   Thanks for sending me a
copy,   1

Re: Helpful Hint - Filtering Deletes, (33205,) EJK

(J33294)   21-AUG-75 14:01;;;;   Title: Author(s): James H. Bair/JHB;
Distribution: /EJK([ACTION]) RADC([INFO-ONLY]) JCN([INFO-ONLY
]) ; Sub-Collections: SRI-ARC RADC; Clerk: JHB;

33294 Distribution
William E. Rzepka, Rocco F. Iuorno, Thomas J. Bucciero, Roger B.
Panara, John L. McNamara, Joe P. Cavano, Duane L. Stone, Marcelle D.
Petell, Thomas F. Lawrence, James C. Norton,
Edmund J. Kennedy, Wolf-Hasso Kaubisch, Kim Cynthia Carter, Samuel L.
Ruple, Stephen P. Sutkowski, Richard Calicchia, William W. Patterson,
Francis J. Hilbing, Robert K. Walker, Frank P. Sliwa, Joe F. Femia,
Roger W. Weber, Melville J. Draper, Robert D. Krutz, James W. Hyde,
David T. Craig, Fred N. Dimaggio, Robert E. Doane, Richard Nelson,
William F. Stinson, Daniel R. Loreto, John B. McLean, Murray L.
Kesselman, Edward F. LaForge, Agatha C. Deconde, Alan R. Barnum,
Larry M. Lombardo, Roberta J. Carrier, Richard H. Thayer, Frank J.
Tomaini, Mike A. Wingfield, Edmund J. Kennedy, Ray A. Liuzzi, Donald
VanAlstine, Deane F. Bergstrom, Frank S. LaMonica

1

please allow me to introduce myself...

Hi! I'm FEEDBACK, If you run into any problems while using the
system, please send a message to me. My ident is FEEDBACK. Be sure
to explain with as much detail as possible exactly what the problem
is, and i'll try to answer you right away--at least within 24 hours!
Enjoy your visit to the Augmented Knowledge Workshop!   1

please allow me to introduce myself...

(J33295)   21-AUG-75 16:48;;;;   Title: Author(s): Special Jhb
Feedback/FEED; Distribution: /AKW([INFO-ONLY]) AKW2([INFO-ONLY])
AKW3([INFO-ONLY]) AKW4([INFO-ONLY]) AKW5([INFO-ONLY]) AKW6(
[INFO-ONLY]) SGR([INFO-ONLY]) ; Sub-Collections: SRI-ARC; Clerk:
FEED;

33295 Distribution
     Seminar, Seminar2, Seminar3,   Seminar4,   Seminar5, Seminar6,
     Susan Gail Roetter,

AKW Seminar Friday Agenda (draft 3)

Bob, Thsi is an unclipped view of Fri. Is the time OK for complete
demo?

FRIDAY

1

            Useroptions   1e2

4:30   Recap and farewells   1f

AKW Seminar Friday Agenda (draft 3)

(J33296)   21-AUG-75 22:12;;;;   Title: Author(s): James H. Bair/JHB;
Distribution: /RLB2([ACTION]) JCN([INFO-ONLY]) ;
Sub-Collections: SRI-ARC; Clerk: JHB;

33296 Distribution
    Robert Louis Belleville, James C. Norton,

telecom

Re-Location of Business firms from CBD to Suburbs 1

How many firms have moved to the suburbs broken down by size of firm, industrial classifcation, 1a

The proportion of firms that have moved in their entirety, as well as by functional aspects, 1b

Reasons for re-location- justification 1c

Experiences after move-degree of satisfaction or disatisfaction 1d

Number of firms who moved back to the CBD, & the reasons for their decision 1e

Extent of telecommunications usage of re-located firms- access to expressways, proximity to emplotees homes (management-non-management) 1f

Costs of operation of re-located firms before relocation and after, 1g

Employee satisfation after re-location- employee deficiencies(i.e, limited choiee of shopping, eating, etc,) 1h

Number of trips to CBD by management after re-locating and reasons for doing so, 1i

patterns of re-location- distance from CBD, proximity to airports,,, 1j

telecom

(J33297)   22-AUG-75 05:42;;;;   Title: Author(s): Phil I.
Weintraub/PIW; Distribution: /RWH([ACTION]) PIW([INFO-ONLY]) ;
Sub-Collections: NIC; Clerk: PIW;   Origin: < WEINTRAUB,
TELECOM.NLS;1, >, 21-AUG-75 12:38 PIW ;;;;####;

33297 Distribution
Roger W. Hough, Phil I. Weintraub,

New Accounts for Gunter Personnel

We need to establish three accounts at ISIC.   1

The accounts should have the following sizes:
    Hearn - 25 pages
    Sims - 200 pages
    Gunter - 50 pages.   2

The Gunter account should be a "netwizard" account and have the
password "AFS".   3

An IDENT should be established for the Hearn account with the
following information:
    Name-Hearn, Kenneth P.
    Organization-Gunter
    Groups-Gunter NSW
    Mail Address-
        Hard copy-Air Force Data Systems Design Center
        Simulation and Analysis Branch
        Gunter AFS, Alabama 36114
        Online-
            User-Hearn   Host-ISIC
        Network-
            User-Hearn   Host-ISIC
    Phone-(205) 279-4222
    Function-NSW Project Management Officer
    Delivery-online.   4

Similarly an IDENT should be established for the Sims account with
the following information:
    Name Sims, Marilynne A.
    Organization-Gunter
    Groups-Gunter NSW
    Mail Address-
        Hard copy-Air Force Data Systems Design Center
        Simulation and Analysis Branch
        Gunter AFS, Alabama 36114
        Online-
            User-Sims   Host-ISIC
        Network-
            User-Sims   Host-ISIC
    Phone-(205) 279-4444
    Function-System Architect
    Delivery-online.   5

Contact Lynne Sims at the directory AFDSDC if you need any more
information.   6

Thanks,
Marilynne (Lynne) Sims   7

1

New Accounts for Gunter Personnel

(J33298)   22-AUG-75 06:22;;;;   Title: Author(s): Lawrence A.
Crain/LAC; Distribution: /FEEDBACK([ACTION]) MM([ACTION]) LAC([
INFO-ONLY]) ; Sub-Collections: NIC FEEDBACK; Clerk: LAC;
Origin: < AFDSDC, MSG,NLS;1, >, 22-AUG-75 06:07 LAC ;;;;####;

33298 Distribution
    Special Jhb Feedback, Mac McKinley, Lawrence A. Crain,

Source Code for Creating a JOVIAL J-73 Index of Language Terms

A Modified version of PUBLISH Subsystem

```
FILE cjovial % (cml,) (,jovial,cml,) %                            1

   % DECLARATIONS %                                               1a

      DECLARE PARSEFUNCTION                                       1a1

            answ,          % reads answer construct %             1a1a

            answer,              % for questions - returns  0/1 % 1a1b

            lookstat,      %looks for s and shows status for substitute
            command%                                              1a1c

            sp,            % reads next char, TRUE if space %      1a1d

            readconfirm,   % reads next char if ca %              1a1e

            myrdconfirm,   % reads next char if ca; with variations for
            HELP %                                                1a1f

            readbug,       % reads next char if BUG %             1a1g

            readoption,    % TRUE if next char is optchar %       1a1h

            readrepeat,    % TRUE if next char is repeat %        1a1i

            lookansw,      % TRUE if next char is Y/CA %           1a1j

            mylookansw,    % TRUE if next char is Y/CA %           1a1k

            lookconfirm,   % TRUE if next char is CA/REPEAT/INSERT % 1a1l

            lookbug,       % TRUE if next char is BUG %            1a1m

            mylookbug,     % TRUE if next char is BUG; with variations
            for HELP %                                            1a1n

            lookback,      % TRUE if next char is _; for HELP %    1a1o

            looknum,       % TRUE if next char is a number %       1a1p

            lookrpt,       % TRUE if next char is rpt; for HELP %  1a1q

            prmptlsel,     % prompt for an LSEL %                  1a1r

            prmptdsel,     % prompt for an DSEL %                  1a1s

            prmptssel,     % prompt for an SSEL %                  1a1t
```

```
        notca;          % reads next char, TRUE iff not CA char %        1a1u

    DECLARE EXTERNAL zinsstatement, textent, text1, structure,
    cshmode, nlssubs, synsubs, allsubs, prot1, devopt, prtgrp,
    qdhelp, qthelp, hchk, jmpcoms;                                        1a2

    DECLARE COMMAND WORD                                                  1a3

        "BRANCH" = 1 ,                                                    1a3a

        "GROUP" = 2 ,                                                     1a3b

        "PLEX" = 3 ,                                                      1a3c

        "STATEMENT" = 4 ,                                                 1a3d

        "CHARACTER" = 5 ,                                                 1a3e

        "CONTROLCHAR" = 6 ,                                               1a3f

        "INVISIBLE" = 7 ,                                                 1a3g

        "LINK" = 8 ,                                                      1a3h

        "DIRECTORY" = 9 ,                                                 1a3i

        "PASSWORD" = 10 ,                                                 1a3j

        "NUMBER" = 11 ,                                                   1a3k

        "TEXT" = 12 ,                                                     1a3l

        "VISIBLE" = 13 ,                                                  1a3m

        "WORD" = 14 ,                                                     1a3n

        "FILE" = 15 ,                                                     1a3o

        "NEWFILELINK" = 16 ,                                              1a3p

        "OLDFILELINK" = 17 ,                                              1a3q

        "NAME" = 18 ,                                                     1a3r

        "IDENT" = 19 ,                                                    1a3s

        "IDENTLIST" = 20 ,                                               1a3t

        "EDGE" = 21 ,                                                     1a3u
```

```
"MARKER" = 22 ,                                          1a3v

"NLS" = 23 ,                                             1a3w

"ITEM" = 24 ,                                            1a3x

"ITEMNOVS" = 25 ,                                        1a3y

"SUCCESSOR" = 26 ,                                       1a3z

"PREDECESSOR" = 27 ,                                     1a3a@

"UP" = 28 ,                                              1a3aa

"DOWN" = 29 ,                                            1a3ab

"HEAD" = 30 ,                                            1a3ac

"TAIL" = 31 ,                                            1a3ad

"END" = 32 ,                                             1a3ae

"BACK" = 33 ,                                            1a3af

"NEXT" = 34 ,                                            1a3ag

"ORIGIN" = 35 ,                                          1a3ah

"FILERETURN" = 36 ,                                      1a3ai

"RETURN" = 37 ,                                          1a3aj

"FILENAME" = 38 ,                                        1a3ak

"FIRSTNAME" = 39 ,                                       1a3al

"NEXTNAME" = 40 ,                                        1a3am

"EXTNAME" = 41 ,                                         1a3an

"FIRSTCONTENT" = 42 ,                                    1a3ao

"NEXTCONTENT" = 43 ,                                     1a3ap

"FIRSTWORD" = 44 ,                                       1a3aq

"NEXTWORD" = 45 ,                                        1a3ar

"DETACHED" = 46 ,                                        1a3as
```

```
         "TTY" = 47 ,                                   1a3at

         "AUTO" = 48 ,                                  1a3au

         "CONTINUE" = 49 ,                              1a3av

         "ON" = 50 ,                                    1a3aw

         "RECOVER" = 51 ,                               1a3ax

         "SLINKER" = 52 ,                               1a3ay

         "UPDATE" = 53 ,                                1a3az

         "CLEAR" = 54 ,                                 1a3b@

         "IDENTS" = 55 ,                                1a3ba

         "FILES" = 56 ,                                 1a3bb

         "DELETE" = 57 ,                                1a3bc

         "DEFERRED" = 58 ,                              1a3bd

         "IMMEDIATE" = 59 ,                             1a3be

         "NOT" = 60 ,                                   1a3bf

         "PREVENT" = 61 ,                               1a3bg

         "RESET" = 62 ,                                 1a3bh

         "ARCHIVE" = 63 ,                               1a3bi

         "SEQUENTIAL" = 64 ,                            1a3bj

         "TWO" = 65 ,                                   1a3bk

         "JUSTIFIED" = 66 ,                             1a3bl

         "ASSEMBLER" = 67 ,                             1a3bm

         "BOTH" = 68 ,                                  1a3bn

         "UNDELETE" = 69 ,                              1a3bo

         "FOR" = 70 ,                                   1a3bp

         "STATUS" = 71 ,                                1a3bq
```

Source Code for Creating a JOVIAL J-73 Index of Language Terms

"TAPE" = 72 ,	1a3br
"ACCOUNT" = 73 ,	1a3bs
"NO" = 74 ,	1a3bt
"VERSIONS" = 75 ,	1a3bu
"EXTENSION" = 76 ,	1a3bv
"DATE" = 77 ,	1a3bw
"CREATION" = 78 ,	1a3bx
"LAST" = 79 ,	1a3by
"FIRST" = 80 ,	1a3bz
"READ" = 81 ,	1a3c@
"WRITE" = 82 ,	1a3ca
"DUMP" = 83 ,	1a3cb
"EVERYTHING" = 84 ,	1a3cc
"LENGTH" = 85 ,	1a3cd
"MISCELLANEOUS" = 86 ,	1a3ce
"ACCESSES" = 87 ,	1a3cf
"PROTECT" = 88 ,	1a3cg
"SIZE" = 89 ,	1a3ch
"TIME" = 90 ,	1a3ci
"VERBOSE" = 91 ,	1a3cj
"SORT" = 92 ,	1a3ck
"BYTESIZE" = 93 ,	1a3cl
"ARCHIVED" = 94 ,	1a3cm
"ALL" = 95 ,	1a3cn
"MODIFICATIONS" = 96 ,	1a3co

```
        "UPPER" = 97 ,                                    1a3cp

        "LOWER" = 98 ,                                    1a3cq

        "MODE" = 99 ,                                     1a3cr

        "SENDMAIL" = 100 ,                               1a3cs

        "BUSY" = 101 ,                                    1a3ct

        "QUICKPRINT" = 102 ,                             1a3cu

        "JOURNAL" = 103 ,                                1a3cv

        "PRINTER" = 104 ,                                1a3cw

        "COM" = 105 ,                                     1a3cx

        "TERMINAL" = 106 ,                               1a3cy

        "REMOTE" = 107 ,                                 1a3cz

        "REST" = 108 ,                                    1a3d0

        "CASE" = 109 ,                                    1a3da

        "CONTENT" = 110 ,                                1a3db

        "TEMPORARY" = 111 ,                              1a3dc

        "VIEWSPECS" = 112 ,                              1a3dd

        "EXTERNAL" = 113 ,                               1a3de

        "TO" = 114 ,                                      1a3df

        "PRIVATE" = 115 ,                                1a3dg

        "PUBLIC" = 116 ,                                  1a3dh

        "TENEX" = 117 ,                                   1a3di

        "ALLOW" = 118 ,                                   1a3dj

        "EXECUTE" = 119 ,                                1a3dk

        "APPEND" = 120 ,                                  1a3dl

        "LIST" = 121 ,                                    1a3dm
```

```
"SET" = 122 ,                          1a3dn

"SELF" = 123 ,                         1a3do

"FORBID" = 124 ,                       1a3dp

"DISK" = 125 ,                         1a3dq

"DEFAULT" = 126 ,                      1a3dr

"OLD" = 127 ,                          1a3ds

"NEW" = 128 ,                          1a3dt

"COMPACT" = 129 ,                      1a3du

"RENAME" = 130 ,                       1a3dv

"ADD" = 131 ,                          1a3dw

"SUBTRACT" = 132 ,                     1a3dx

"MULTIPLY" = 133 ,                     1a3dy

"DIVIDE" = 134 ,                       1a3dz

"RIGHT" = 135 ,                        1a3e@

"LEFT" = 136 ,                         1a3ea

"ACTION" = 137 ,                       1a3eb

"AUTHORS" = 138 ,                      1a3ec

"COMMENT" = 139 ,                      1a3ed

"EXPEDITE" = 140 ,                     1a3ee

"HARDCOPY" = 141 ,                     1a3ef

"INFORMATION" = 142 ,                  1a3eg

"INSERT" = 143 ,                       1a3eh

"KEYWORDS" = 144 ,                     1a3ei

"OBSOLETES" = 145 ,                    1a3ej

"RFC" = 146 ,                          1a3ek
```

```
            "SUBCOLLECTIONS" = 147 ,                               1a3el

            "TITLE" = 148 ,                                        1a3em

            "UNRECORDED" = 149 ,                                   1a3en

            "L10" = 150 ,                                          1a3eo

            "PROCEDURE" = 151 ,                                    1a3ep

            "SEQGENERATOR" = 152 ,                                 1a3eq

            "BUFFER" = 153 ,                                       1a3er

            "NDDT" = 154 ,                                         1a3es

            "PARSERULE" = 155 ,                                    1a3et

            "CA" = 156 ,                                           1a3eu

            "CD" = 157 ,                                           1a3ev

            "RPT" = 158 ,                                          1a3ew

            "BC" = 159 ,                                           1a3ex

            "BW" = 160 ,                                           1a3ey

            "BS" = 161 ,                                           1a3ez

            "LITESC" = 162 ,                                       1a3f@

            "IGNORE" = 163 ,                                       1a3fa

            "SC" = 164 ,                                           1a3fb

            "SW" = 165 ,                                           1a3fc

            "TAB" = 166 ,                                          1a3fd

            "IMLAC" = 167 ,                                        1a3fe

            "TI" = 168 ,                                           1a3ff

            "NVT" = 169 ,                                          1a3fg

            "EXECUPORT" = 170 ,                                    1a3fh

            "MENU" = 171 ,                                         1a3fi
```

```
"DNLS" = 172 ,                                    1a3fj

"TNLS" = 173 ,                                    1a3fk

"COMMAND" = 174 ,                                 1a3fl

"RULE" = 175 ,                                    1a3fm

"SUBSYSTEM" = 176 ,                               1a3fn

"DISPLAY" = 177 ,                                 1a3fo

"FROZEN" = 178 ,                                  1a3fp

"HLPCOM" = 179 ,                                  1a3fq

"PROGRAM" = 180 ,                                 1a3fr

"TERSE" = 181 ,                                   1a3fs

"INDENTING" = 182 ,                              1a3ft

"UNIVERSAL" = 183 ,                              1a3fu

"ENTRY" = 184 ,                                   1a3fv

"INCLUDE" = 185 ,                                1a3fw

"BOTTOM" = 186 ,                                  1a3fx

"PAGE" = 187 ,                                    1a3fy

"OFF" = 188 ,                                     1a3fz

"FULL" = 189 ,                                    1a3g0

"PARTIAL" = 190 ,                                1a3ga

"ANTICIPATORY" = 191 ,                          1a3gb

"DEMAND" = 192 ,                                  1a3gc

"FIXED" = 193 ,                                   1a3gd

"CONTROL" = 194 ,                                1a3ge

"CURRENTCONTEXT" = 195 ,                        1a3gf

"FEEDBACK" = 196 ,                               1a3gg
```

```
        "HERALD" = 197 ,                                          1a3gh

        "PRINTOPTIONS" = 198 ,                                    1a3gi

        "PROMPT" = 199 ,                                          1a3gj

        "RECOGNITION" = 200 ,                                     1a3gk

        "STARTUP" = 201 ,                                         1a3gl

        "LEVELADJUST" = 202 ,                                     1a3gm

        "REVERSE" = 203 ,                                         1a3gn

        "TEST" = 204 ,                                            1a3go

        "TASKER" = 205 ,                                          1a3gp

        "LINEPROCESSOR" = 206 ,                                   1a3gq

        "CENTER" = 207 ;                                          1a3gr

   DECLARE EXTERNAL % not defined here see (nls,Pdata,) %        1a4

      allsubs,                                                    1a4a

      nlssubs;                                                    1a4b

% COMMON RULES %                                                  1b

   % ENTITY DEFINITIONS %                                         1b1

      editentity = textent / structure;                          1b1a

   % TEXT ENTITY DEFINITIONS %                                    1b2

      textent = text1 / "TEXT" / "LINK" / "NUMBER";              1b2a

      text1 = "CHARACTER" / "WORD" / "VISIBLE" / "INVISIBLE";    1b2b

   % STRUCTURE ENTITY DEFINITIONS %                               1b3

      structure = "STATEMENT" / notstatement;                    1b3a

      notstatement = "GROUP" / "BRANCH" / "PLEX" ;               1b3b

   % SWITCH %                                                     1b4

      switch = ("ON"! 1!/"OFF"!2 L2!);                           1b4a
```

```
        % DEVICE TYPES %                                            1b5

        devopt =                                                    1b5a

            ( "TASKER"!L2!                                          1b5a1

            / "TI" <"Terminal">                                     1b5a2

            / "NVT"                                                 1b5a3

            / "LINEPROCESSOR"                                       1b5a4

            / "IMLAC"                                               1b5a5

            / "EXECUPORT"                                           1b5a6

            / "33-TTY"! 33!                                         1b5a7

            / "35-TTY"! 35!                                         1b5a8

            / "37-TTY"! 37! );                                      1b5a9

    SUBSYSTEM jovial KEYWORD "JOVIAL"                               1c

        COMMAND zgenerate = "GENERATE" !L2!                         1c1

            ( "TABLE"   <"of Contents for File at">                 1c1a

                source _ DSEL(#"CHARACTER")                         1c1a1

                CLEAR <"number of levels of depth">                1c1a2

                sent _ LSEL(#"NUMBER")                              1c1a3

                CONFIRM                                             1c1a4

                maktab(source,sent)                                1c1a5

            / "REFERENCES"   <"from Journal links in file at">     1c1b

                source _ DSEL(#"CHARACTER")                         1c1b1

                PERFORM gtnmbr UNTIL (chkfnm(sent))                1c1b2

                CONFIRM                                             1c1b3

                makref(source, sent)                               1c1b4

            );                                                     1c1c
```

Source Code for Creating a JOVIAL J-73 Index of Language Terms

```
        gtnmbr = CLEAR <"using format number"> sent _          1c1d
        LSEL(#"NUMBER");

COMMAND zindex = "INDEX"                                        1c2

        sent _ structure                                       1c2a

        <"of less than 100 statements! at">                    1c2b

        source _ SSEL(sent)                                    1c2c

        CONFIRM                                                1c2d

        indstr(source, sent);                                  1c2e

COMMAND zcount = "COUNT"                                        1c3

        vs _ NULL                                              1c3a

        filtre _ NULL                                          1c3b

        <"visibles in">                                        1c3c

        dent _ structure                                       1c3d

        <"at"> dest _ DSEL(dent)                               1c3e

        ( lookconfirm()                                        1c3f

            / filtre _ "FILTERED:"  vs _ VIEWSPECS )           1c3f1

        CONFIRM                                                1c3g

        couvis(dent, dest, filtre, vs);                        1c3h

% COMMAND zdellea = "Delete"                                   1c4

        <"Leading spaces in">                                  1c4a

        sent _ structure                                       1c4b

        <"at"> source _ SSEL(sent)                             1c4c

        CONFIRM                                                1c4d

        dellea(source, sent); %                                1c4e

    END,                                                       1c5
```

```
    FINISH
                                                                      1d

FILE ljovial % (110,) (jovial.subsys,) %                               2

    DECLARE filnum ;  % for the index stoplist %                      2a

    DECLARE count ; % for the count visibles command %                2b

    DECLARE % for making references % cat1, cat2, cat3, cat4, cat5,
    cat6, fnum;                                                       2c

    % table of contents routines %                                    2d

      (maktab) % xroutine for Make Table of Contents command %       2d1

        % This program will generate a table of contents branch with
        statement numbers                                           2d1a

            It will ask for a file selection and the number of
            levels of depth you wish included in the contents,  Note
            that, by creating a table of contents branch, it offsets
            statement numbering throughout the file,                2d1a1

            Author: NDM %                                           2d1a2

        PROCEDURE                                                   2d1b

            ( result, parsemode,                                    2d1b1

            source,  % file containing contents %                   2d1b2

            sent); % number of levels %                             2d1b3

        LOCAL level, da, vspec, last, place ;                       2d1c

        LOCAL TEXT POINTER abc, def, ptr;                           2d1d

        LOCAL STRING num[5];                                        2d1e

        REF da, result, source, sent;                               2d1f

        CASE parsemode OF = parsing:                                2d1g

          BEGIN                                                     2d1g1

          % convert to ptr and string %                            2d1g2

            abc _ sent; abc[1] _ sent[1];                          2d1g2a
```

```
                def _ sent[d2sel]; def[1] _ sent[d2sel+1];          2d1g2b

                *num* _ abc def;                                     2d1g2c

                ptr _ source;                                        2d1g2d

            % set to origin %                                        2d1g3

                ptr.stpsid _ origin ;                                2d1g3a

                ptr[1] _ 1 ;                                         2d1g3b

                level _ VALUE (snum) ;                               2d1g3c

                level _ MIN ( 50,  MAX (1, level) ) ;                2d1g3d

            % insert table of contents statement %                  2d1g4

                ptr _ cis ( ptr, s"Table of Contents", s"") ;       2d1g4a

            % get viewspec words %                                  2d1g5

                &da _ dsparea ( lcda() ) ;                           2d1g5a

                vspec _ da.davspec ;                                 2d1g5b

                vspec.vslev _ level ;                                2d1g5c

                vspec.vsbrof _ vspec.vsplxf _ FALSE ;                2d1g5d

            % copy filtered group to table of contents %            2d1g6

                place _ ptr ;                                        2d1g6a

                last _ getsuc (place) ;                              2d1g6b

                ccopgro ( ptr, levsuc, getsuc(ptr), getail(ptr), 1,
                &vspec) ;                                            2d1g6c

            % for all statements in table of contents %             2d1g7

                UNTIL (place _ getnxt(place)) = last DO dotoc(place) ; 2d1g7a

            % move table of contents to under st 1 %                2d1g8

                cmovgro (ptr, levdown, getsuc(ptr), getprd(last), 0 )
                ;                                                    2d1g8a

            % recreate display %                                    2d1g9
```

```
            dismes (0) ;                                              2d1g9a

            IF nlmode=fulldisplay THEN alldsp() ELSE crlf() ;        2d1g9b

        END;                                                         2d1g10

        ENDCASE;                                                     2d1g11

    RETURN (&result);                                                2d1h

    END.
                                                                     2d1i

(dotoc) PROCEDURE (stid) ; %passed stid, replaces statement
with table of contents line %                                        2d2

    % declarations %                                                 2d2a

        LOCAL length;                                                2d2a1

        LOCAL STRING dots[70], stnum[50], st[2000] ;                 2d2a2

        LOCAL TEXT POINTER ptr, end ;                                2d2a3

    % initializations %                                              2d2b

        length _ st,L _ stnum,L _ 0;                                 2d2b1

        *dots* _
        "..................................................................
        ............." ;                                             2d2b2

    % get st number %                                                2d2c

        stnum,L _ 0;                                                 2d2c1

        fechno (stid, $stnum ) ;                                     2d2c2

    % get first line %                                               2d2d

        *st* _ SF(stid) SE(stid) ;                                   2d2d1

        st,L _ 65 ; %to make following scans faster%                 2d2d2

        IF FIND SF(*st*) [EOL/CR/LF] ^end _end                       2d2d3

            THEN ST end _ SF(end) end ;                              2d2d3a

        LOOP                                                         2d2d4
```

15

```
              IF FIND SF(*st*) [TAB] "end "ptr _ptr            2d2d4a

                 THEN ST ptr end _ "            "              2d2d4a1

                 ELSE EXIT LOOP ;                              2d2d4a2

          length _ ( 65 - (3*getlev(stid) + stnum.L ) ) ;      2d2d5

          IF length < st.L THEN                                2d2d6

             BEGIN                                             2d2d6a

             st.L _ length ;                                   2d2d6b

             FIND SE(*st*) [NP] $NP "end > ;                   2d2d6c

             *st* _ SF(*st*) end ;                             2d2d6d

             END;                                              2d2d6e

       % format st %                                          2d2e

          dots.L _ (length + 2) - st.L ;                       2d2e1

          *st* _ *st*, *dots*, *stnum* ;                       2d2e2

       % replace statement %                                  2d2f

          ST stid _ *st* ;                                     2d2f1

       RETURN;                                                2d2g

       END.                                                   2d2h

    % reference generating routines %                         2e

       (makref) % xroutine for Make Reference command %       2e1

          % makes external Journal references, scans doc and makes
          statements with refs at doc tail                    2e1a

             Available formats of references are:             2e1a1

             0  (Ref#####) Author, "Title", Date, [Cited in
             SNum:(JOURNAL, #####,--)]                         2e1a1a

             1  (#####,) Author, Title, Augmentation Research
             Center, Stanford Research Institute, Menlo Park,
             California 94025,  Date,                          2e1a1b
```

```
            2  (SNum)   Author,  Title,  Augmentation Research
            Center, Stanford Research Institute, Menlo Park,
            California 94025,  Date  (JOURNAL, ##### --)              2e1a1c

        Authors:  WSD JCN (NDM, KIRK) %                              2e1a2

    PROCEDURE                                                        2e1b

        ( result, parsemode,                                        2e1b1

        source,  % file containing references %                     2e1b2

        sent); % format number %                                   2e1b3

    LOCAL stid, stid1, stid2, stid3;                                2e1c

    REF source, sent;                                              2e1d

    CASE parsemode OF = parsing:                                   2e1e

        BEGIN                                                       2e1e1

        %Open catalog files%                                       2e1e2

            ON SIGNAL ELSE                                         2e1e2a

                BEGIN                                              2e1e2a1

                dismes(2,$"All Catalog files not online");         2e1e2a2

                RETURN(result);                                    2e1e2a3

                END;                                               2e1e2a4

            cat1 _ cat2 _ cat3 _ cat4 _ cat5 _ cat6 _ orgstid;    2e1e2b

            cat1,stfile _ open(0, $"<CATALOG>JOU71S.NLS
            ");                                                    2e1e2c

            cat2,stfile _ open(0, $"<CATALOG>JOU72S.NLS
            ");                                                    2e1e2d

            cat3,stfile _ open(0, $"<CATALOG>JOU73JANJUNS.NLS
            ");                                                    2e1e2e

            cat4,stfile _ open(0, $"<CATALOG>JOU73JULDECS.NLS
            ");                                                    2e1e2f
```

```
        cat5,stfile _ open(0, s"<CATALOG>JOU74JANJUNS.NLS
        ");                                                    2e1e2g

        cat6,stfile _ open(0, s"<CATALOG>JOU74JULDECS.NLS
        ");                                                    2e1e2h

        ON SIGNAL ELSE;                                        2e1e2i

    % get the file and the format number %                    2e1e3

        stid2 _ source;                                       2e1e3a

        stid2,stpsid _ origin;                                2e1e3b

    stid _ getail(getsub(stid2));                             2e1e4
```

```
stid1 _ cis(stid, S" ARC Journal References   ", S"");          2e1e5

    stid3 _ cis(stid1, S"glarp", S"d");                         2e1e5a

%Now go through file%                                           2e1e6

    ON SIGNAL ELSE;                                             2e1e6a

    process(getsub(stid2), stid, stid3);                       2e1e6b

%Now process the plex of external references%                   2e1e7

    cdelsta(stid3); %delete dummy statement%                   2e1e7a

    stid _ getsub(stid1);                                      2e1e7b

    WHILE stid # stid1 DO                                      2e1e7c

        BEGIN                                                  2e1e7c1

        frmat(stid, cat1, cat2);                              2e1e7c2

        stid _ getsuc(stid);                                  2e1e7c3

        END;                                                  2e1e7c4

    close(cat1.stfile);                                       2e1e7d

    close(cat2.stfile);                                       2e1e7e

    close(cat3.stfile);                                       2e1e7f

    close(cat4.stfile);                                       2e1e7g

    close(cat5.stfile);                                       2e1e7h

    close(cat6.stfile);                                       2e1e7i

    IF fnum=1 THEN IF (stid_getsub(stid1))#stid1 THEN
              sortplx(stid);                                  2e1e7j

% recreate display %                                           2e1e8

    dismes (0) ;                                              2e1e8a

    IF nlmode=fulldisplay THEN alldsp() ELSE crlf() ;         2e1e8b

END;                                                          2e1e9
```

```
        ENDCASE;                                              2e1e10

      RETURN(result);                                         2e1f

      END,                                                    2e1g

   (chkfnm) PROCEDURE (result, parsemode, fmtnm);             2e2

      LOCAL TEXT POINTER pt1, pt2;                            2e2a

      LOCAL STRING locstr[10];                                2e2b

      REF fmtnm;                                              2e2c

      CASE parsemode OF = parsing:                            2e2d

        BEGIN                                                 2e2d1

        pt1 _ fmtnm; pt1[1] _ fmtnm[1];                       2e2d2

        pt2 _ fmtnm[d2sel]; pt2[1] _ fmtnm[d2sel+1];          2e2d3

        *locstr* _ pt1 pt2;                                   2e2d4

        fnum _ VALUE(slocstr);                                2e2d5

        IF fnum NOT IN [0,2] THEN                             2e2d6

          BEGIN                                               2e2d6a

          dismes(1,$"Available formats: 0 through 2");        2e2d6b

          RETURN(FALSE);                                      2e2d6c

          END;                                                2e2d6d

        RETURN(TRUE);                                         2e2d7

        END;                                                  2e2d8

        ENDCASE RETURN(result);                               2e2d9

      END,                                                    2e2e

   (process)PROC(stid1, stid2, stidsc);                       2e3

      %stid1 and stid2 identify a group,                      2e3a

        for each branch inthe group, process calls xtract wiith
```

20

                        the stid of te top level staement in the
                        branch, which takes something out of the
                        statement and inserts it as a statement
                        direction dir froom stidsc,   2e3a1

        process is then called recursively with the substructure
                        of the s statement,   2e3a2

        When done, it returns,%   2e3a3

    LOOP   2e3b

        BEGIN   2e3b1

        xtract(stid1, stidsc);   2e3b2

        stidsc _ getail(stidsc); %make references in right order%   2e3b3

        IF getsub(stid1) # stid1 THEN process(getsub(stid1),
                getail(getsub(stid1)),stidsc);   2e3b4

        IF stid1 = stid2 THEN EXIT;   2e3b5

        stid1 _ getsuc(stid1);   2e3b6

        END;   2e3b7

    RETURN;   2e3c

    END,   2e3d

(xtract)PROC(stid, stidsc);   2e4

    LOCAL stidx;   2e4a

    LOCAL TEXT POINTER z1, z2, f1, f2;   2e4b

    LOCAL STRING str[150], lnk[200], statnm[50];   2e4c

    ON SIGNAL ELSE RETURN;   2e4d

    FIND SF(stid) "z1;   2e4e

    LOOP   2e4f

        BEGIN %Parse the link%   2e4f1

        %Get right and left end%   2e4f2

```
IF NOT FIND z1 > ['(/'</"--"] [')/'>] "z1 < ['(/'</"--"]
        "z2                                                    2e4f3

    THEN EXIT LOOP;  % no [more] links %                       2e4f3a

*lnk* _ z2 z1;                                                 2e4f4

IF NOT FIND SF(*lnk*) [4$5D] <$D "f1 > $D $NP ', < CH $NP
        "f2                                                    2e4f5

    THEN REPEAT LOOP; %Not a catalog link%                     2e4f5a

stidx _ stid;                                                  2e4f6

stidx.stpsid _ origin;                                         2e4f7

*statnm* _ NULL;                                               2e4f8

fechno(stid, $statnm); %Get the statement number%             2e4f9

*str* _ "xzpl", f1 f2;                                         2e4f10

IF (stidx _ namelook(stidx, $str)) # endfil THEN              2e4f11

    IF NOT fnum=2 THEN                                         2e4f11a

    BEGIN                                                      2e4f11b

    ST stidx _ SF(stidx) SE(stidx), "    [Cited in ",
            *statnm*, '] ;                                     2e4f11c

    REPEAT LOOP;                                               2e4f11d

    END;                                                       2e4f11e

*str* _ "(xzpl", f1 f2, '),"    [Cited in ", *statnm*, ":"
            , z2 z1,"] " ;                                     2e4f12

cis(stidsc, $str, s"");                                        2e4f13

END;                                                           2e4f14

RETURN;                                                        2e4g

END,                                                           2e4h

(frmat)PROCEDURE(stid);                                        2e5
```

```
        LOCAL TEXT POINTER z0, z1, z2, z3, z4, z5, z6, z7, z8, x1,
            x2;                                                      2e5a

        LOCAL STRING title[500], aut[200], date[200], sname[10];    2e5b

        %Get number%                                                2e5c

            FIND SF(stid) '( "z0 $L "z1 $D "z2 [')] "z4;            2e5c1

    *sname* _ 'M, z1 z2;                                            2e5d

    IF (z3 _ namelook(cat6, $sname)) = endfil                       2e5e

        AND (z3 _ namelook(cat5, $sname)) = endfil                 2e5e1

        AND (z3 _ namelook(cat4, $sname)) = endfil                 2e5e2

        AND (z3 _ namelook(cat3, $sname)) = endfil                 2e5e3

        AND (z3 _ namelook(cat2, $sname)) = endfil                 2e5e4

        AND (z3 _ namelook(cat1, $sname)) = endfil                 2e5e5

            THEN BEGIN %Not found%                                 2e5e5a

            CASE fnum OF                                           2e5e5b

                =0: ST z0 _ "(Ref", z1 z2, ")****Document not in
                        catalog****", EOL, z4 SE(z4);              2e5e5b1

                =1: ST z0 _ '(, z1 z2, ",)  ****Document not in
                        catalog****", EOL, z4 SE(z4) ;             2e5e5b2

                =2:                                                2e5e5b3

                BEGIN                                              2e5e5b3a

                FIND SE(z4) < [')]] "z8 ['</'(/"--"] "z7 [':] "z6
                        [SP] "z5 _z5;                              2e5e5b3b

                ST z0 _ '(, z5 z6, ")  ****", z7 z8, " not in
                        catalog****" ;                            2e5e5b3c

                END;                                               2e5e5b3d

            ENDCASE;                                               2e5e5b4

        RETURN;                                                    2e5e5c
```

```
            END;                                                 2e5e5d

      %found it; now xtract title, author, and date%             2e5f

         %Title%                                                 2e5f1

            IF NOT FIND SF(z3) ["*c1"] SNP "x1 ['*] < CH SNP "x2
                     THEN *title* _ "No Title"                   2e5f1a

            ELSE *title* _ x1 x2;                                2e5f1b

         %Author%                                                2e5f2

            IF NOT FIND SF(z3) ["*a1"] SNP "x1 ['*/'#] < CH SNP
                     "x2 THEN                                    2e5f2a

               BEGIN                                             2e5f2a1

               IF NOT FIND SF(z3) ["*b1"] SNP "x1 ['*/'#] < CH SNP
                        "x2                                      2e5f2a2

                  THEN *aut* _ "No Author"                       2e5f2a2a

                  ELSE *aut* _ x1 x2 ;                           2e5f2a2b

               END                                               2e5f2a3

            ELSE                                                 2e5f2b

               BEGIN                                             2e5f2b1

               *aut* _ x1 x2;                                    2e5f2b2

               LOOP                                              2e5f2b3

                  BEGIN                                          2e5f2b3a

                  IF NOT ( FIND x2 > ["*a"] ['2/'3/'4/'5] SNP "x1
                           ['*/'#] < CH SNP "x2 ) THEN EXIT
                           LOOP;                                 2e5f2b3b

                  *aut* _ *aut*, ", ", x1 x2;                    2e5f2b3c

                  END;                                           2e5f2b3d

               END;                                              2e5f2b4

         %Date%                                                  2e5f3
```

24

```
            IF NOT FIND SF(z3) ["*d1"] SNP ^x1 ['*/'*] < CH SNP
                    ^X2 THEN *date* _ "No Date"                    2e5f3a

            ELSE *date* _ x1 x2;                                   2e5f3b

        CASE fnum OF                                               2e5g

          =0:                                                      2e5g1

            BEGIN                                                  2e5g1a

            ST z4 z4 _ " ",*aut*, ", ", '", *title*, '", ", ",
                    *date*, ".";                                   2e5g1b

            ST z0 z1 _ "Ref";                                      2e5g1c

            END;                                                   2e5g1d

          =1:                                                      2e5g2

            ST z0 _ SF(z0) z0, z1 z2, ",)   ", *aut*, ",   ",
                    *title*, ",  Augmentation Research Center,
                    Stanford Research Institute, Menlo Park,
                    California 94025.  ", *date*, '.;              2e5g2a

          =2:                                                      2e5g3

            BEGIN                                                  2e5g3a

            FIND SE(z4) < [']] ^z8 ['</'(/"--"] ^z7 [':] ^z6 [SP]
                    ^z5 _z5;                                       2e5g3b

            ST z0 _ '(, z5 z6, ") ", *aut*, ", ", *title*, ",
                    Augmentation Research Center, Stanford
                    Research Institute, Menlo Park, California
                    94025. ", *date*, ". ", z7 z8 ;               2e5g3c

            END;                                                   2e5g3d

          ENDCASE;                                                 2e5g4

        RETURN;                                                    2e5h

      END.                                                         2e5i

    % index routines %                                             2f

      (indstr)  % creates an index for a st/br/plx/grp %           2f1
```

% documentation   2f1a

    Buffer pages required: 2   2f1a1

    Execute, Creates a word index for a statement, branch,
group, or plex, Inserts the index as a branch
after a group, at end of plex, down from a
statement, and at end of plex down from
branch, Respects viewspecs, This program is
slow, and creates a large index, Will not
work on large files (100 statements or more),
The index may have to be hand edited after
creation to shorten it, It excludes all words
in a list in the file (stone,jovial,) all
numbers, all words less than or equal to two
characters, and all words ending with "ly",   2f1a2

    Author: NDM %   2f1a3

PROCEDURE   2f1b

    (result, parsemode,   2f1b1

    source,   % location of structure %   2f1b2

    type); % type of structure %   2f1b3

% declarations %   2f1c

    LOCAL first, last, vspec, da, sw ;   2f1c1

    LOCAL TEXT POINTER sf, sl, pt1, pt2 ;   2f1c2

    LOCAL STRING string[2000], word1[50], word2[50] ;   2f1c3

    REF sw, da, result, source, type ;   2f1c4

CASE parsemode OF = parsing: 2f1d

    BEGIN   2f1d1

    % initializations %   2f1d2

        sl _ first _ last _ 0 ;   2f1d2a

        sf _ source; sf[1] _ source[1];   2f1d2b

    % insert "Index" statement %   2f1d3

```
         string.L _ 0;                                    2f1d3a

         CASE type OF                                     2f1d3b

           =4 %- statement -%:                            2f1d3b1

             BEGIN                                        2f1d3b1a

             first _ last _ sf;                           2f1d3b1b

             fechno (first, sstring) ;                    2f1d3b1c

             *string* _ "Index to statement ", *string* ; 2f1d3b1d

             sf _ first ;                                 2f1d3b1e

             END;                                         2f1d3b1f

           =1 %- branch -%:                               2f1d3b2

             BEGIN                                        2f1d3b2a

             first _ last _ sf;                           2f1d3b2b

             fechno (first, sstring) ;                    2f1d3b2c

             *string* _ "Index to branch ", *string* ;    2f1d3b2d

             IF (sf _ getsub(first)) # first THEN sf _
                     getail(sf) ;                         2f1d3b2e

             END;                                         2f1d3b2f

           =3 %- plex -%:                                 2f1d3b3

             BEGIN                                        2f1d3b3a

             first _ sf;                                  2f1d3b3b

             last _ source[d2sel];                        2f1d3b3c

             fechno (first, sstring) ;                    2f1d3b3d

             *string* _ "Index to plex at ", *string* ;   2f1d3b3e

             sf _ last ;                                  2f1d3b3f

             END;                                         2f1d3b3g
```

```
    =2 %- group -%:                                      2f1d3b4

        BEGIN                                            2f1d3b4a

        first _ sf;                                      2f1d3b4b

        last _ sl _ source[d2sel];                       2f1d3b4c

        fechno (first, $string );                        2f1d3b4d

        *string* _ *string*, " to " ;                    2f1d3b4e

        fechno (last, $string ) ;                        2f1d3b4f

        *string* _ "Index to group from ", *string* ;    2f1d3b4g

        sf _ last ;                                      2f1d3b4h

        END;                                             2f1d3b4i

    ENDCASE;                                             2f1d3b5

sf _ cis (sf, $string, (IF type=4 %+ statement +% THEN
         $"d" ELSE $"")));                               2f1d3c

% extract key words for all statements %                2f1d4

  % open this file for source of non-key words %        2f1d4a

    *string* _ "<STONE>JOVIAL,NLS" ;                     2f1d4a1

    filnum _ open (0, $string) ;                         2f1d4a2

IF type = 4 %+ statement +% THEN                         2f1d4b

    extract(first, sf)                                   2f1d4b1

ELSE                                                     2f1d4c

  BEGIN                                                  2f1d4c1

  %set up viewspecs to be followed%                      2f1d4c2

    &da _ dsparea(lcda());                               2f1d4c2a

    vspec _ da.davspec;                                  2f1d4c2b

    vspec.vsbrof _ FALSE;                                2f1d4c2c
```

28

```
            vspec,vsplxf _ FALSE;                              2f1d4c2d

        %open sequence work area%                              2f1d4c3

          &sw_openseq(first,last,vspec,da,davspc2,da,dausq
                    cod,da,dacacode);                          2f1d4c3a

        %add text to all statements in seq work area%          2f1d4c4

          WHILE seqgen(&sw) # endfil AND sw,swstid # sf        2f1d4c4a

            DO extract (sw,swstid, sf);                        2f1d4c4a1

        %close seq work area%                                  2f1d4c5

          closeseq(&sw);                                       2f1d4c5a

        END;                                                   2f1d4c6

    % close this file %                                        2f1d4d

    close (filnum) ;                                           2f1d4d1

  % process index branch %                                     2f1d5

  IF (sf := getsub(sf) ) # sf AND NOT getftl(sf) THEN          2f1d5a

    BEGIN                                                      2f1d5a1

    sf[1] _ 1 ;                                                2f1d5a2

    sortplx (sf) ; %sort the plex%                             2f1d5a3

    sf _ gethed(sf) ;                                          2f1d5a4

    LOOP                                                       2f1d5a5

      BEGIN                                                    2f1d5a5a

      sl _ getsuc(sf) ;                                        2f1d5a5b

      FIND SF(sf) "pt1 [SP] "pt2 ;                             2f1d5a5c

      *word1* _ pt1 pt2 ;                                      2f1d5a5d

      FIND SF(sl) "pt1 [SP] "pt2 ;                             2f1d5a5e

      *word2* _ pt1 pt2 ;                                      2f1d5a5f
```

```
         IF *word1* = *word2* THEN                    2f1d5a5g

            BEGIN                                      2f1d5a5g1

            FIND SE(sf) "pt2 SPT "pt1 > ;             2f1d5a5g2

            *word1* _ pt1 pt2 ;                        2f1d5a5g3

            FIND SE(sl) "pt2 SPT "pt1 > ;             2f1d5a5g4

            *word2* _ pt1 pt2 ;                        2f1d5a5g5

            IF *word1* = *word2*                       2f1d5a5g6

               THEN                                    2f1d5a5g6a

                  cdelsta (sl)                         2f1d5a5g6a1

               ELSE                                    2f1d5a5g6b

                  BEGIN                                2f1d5a5g6b1

                  ST sf _ SF(sf) SE(sf), ", ", pt1 pt2 ;
                                                       2f1d5a5g6b2
                  cdelsta (sl) ;                       2f1d5a5g6b3

                  END;                                 2f1d5a5g6b4

            IF getftl(sf) THEN EXIT LOOP ELSE REPEAT LOOP
                      ;                                2f1d5a5g7

            END;                                       2f1d5a5g8

         IF getftl(sl) THEN EXIT LOOP ;                2f1d5a5h

         sf _ sl ;                                     2f1d5a5i

         END;                                          2f1d5a5j

      END;                                             2f1d5a6

   % recreate display %                                2f1d6

      IF nlmode=fulldisplay THEN alldsp();             2f1d6a

   END;                                                2f1d7

   ENDCASE;                                            2f1d8
```

30

```
      RETURN (&result);                                      2f1e

      END.
                                                             2f1f

   (extract) PROCEDURE (stid, target) ;                      2f2

      LOCAL TEXT POINTER p1, p2 ;                            2f2a

      LOCAL STRING stnum[50], out[200] ;                     2f2b

      stnum.L _ out.L _ 0 ;                                  2f2c

      fechno (stid, $stnum) ;                                2f2d

      CCPOS SF(stid) ;                                       2f2e

      LOOP                                                   2f2f

         BEGIN                                               2f2f1

         out.L _ 0;                                          2f2f2

         IF NOT FIND [L/D/':] THEN EXIT LOOP;                2f2f3

         FIND ~p1 _p1 s(LD/'-/':/'=) ~p2 ;                   2f2f4

         *out* _ - p1 p2 ;                                   2f2f5

         IF test($out) THEN                                  2f2f6

            BEGIN                                            2f2f6a

            *out* _ *out*, SP, '<, *stnum*, '> ;             2f2f6b

            cis (target, $out, $"d") ;                       2f2f6c

            END;                                             2f2f6d

         CCPOS p2 ;                                          2f2f7

         END;                                                2f2f8

      RETURN;                                                2f2g

      END.                                                   2f2h

   (test) PROCEDURE (astr) ;                                 2f3
```

31

```
        LOCAL TEXT POINTER tp;                                              2f3a

        LOCAL STRING char[1] ;                                              2f3b

        REF astr ;                                                          2f3c

        IF astr.L <= 2 THEN RETURN(FALSE) ;                                 2f3d

        IF FIND SE(*astr*) ("yl"/$D (', $D/TRUE) ENDCHR ) THEN
                RETURN(FALSE) ;                                             2f3e

        *astr* _ *astr*, SP ;                                               2f3f

        tp _ 0;                                                             2f3g

        tp.stfile _ filnum ;                                               2f3h

        tp[1] _ 1 ;                                                         2f3i

        CCPOS SF(*astr*) ;                                                  2f3j

        *char* _ READC ;                                                    2f3k

        IF lookup ($tp, $char, nametyp) = endfil THEN RETURN(TRUE);        2f3l

        tp[1] _ 1 ;                                                         2f3m

        IF NOT FIND SF(tp) [*astr*] THEN RETURN(TRUE)                       2f3n

        ELSE RETURN (FALSE) ;                                              2f3o

        END,                                                               2f3p

    % visible counting routines %                                          2g

      (couvis)                                                             2g1

      PROCEDURE                                                            2g1a

        (result,                                                          2g1a1

        parsemode,                                                        2g1a2

        dent,              % structure ent %                              2g1a3

        dest,              % structure selection %                        2g1a4

        filtre,            % filter flag %                                2g1a5
```

```
        vs);                    % filter viewspecs %              2g1a6

    REF vs, dent, result, dest;                                  2g1b

    % declarations %                                             2g1c

      LOCAL stpstid, sqgwrk, first, last;                        2g1c1

      LOCAL STRING answer[100] ;                                 2g1c2

      REF sqgwrk;                                                2g1c3

    CASE parsemode OF = parsing:                                 2g1d

    BEGIN                                                        2g1d1

    % get begin and end of structure %                          2g1d2

        first _ dest;                                            2g1d2a

        last _ [&dest+d2sel];                                    2g1d2b

    % count visibles in all or filtered statements %            2g1d3

        count _ 0;                                               2g1d3a

        IF dent = 4 %+ statement +% THEN                         2g1d3b

          docount(first)                                         2g1d3b1

        ELSE                                                     2g1d3c

          IF filtre THEN                                         2g1d3c1

            BEGIN                                                2g1d3c1a

            %set up viewspecs to be followed%                    2g1d3c1b

              vs,vsbrof _ FALSE;                                 2g1d3c1b1

              vs,vsplxf _ FALSE;                                 2g1d3c1b2

            %open sequence work area%                            2g1d3c1c

              &sqgwrk_openseq(first,last,vs,vs1, vs,vs2,
                      vs,vsusqcod, vs,vscacode);                 2g1d3c1c1

            ON SIGNAL ELSE IF &sqgwrk THEN                       2g1d3c1d
```

```
        BEGIN                                       2g1d3c1d1

        ON SIGNAL ELSE;                             2g1d3c1d2

        closeseq( &sqgwrk := 0 );                   2g1d3c1d3

        END;                                        2g1d3c1d4

     %count visibles in all statements in seq work
                    area%                           2g1d3c1e

        WHILE seqgen(&sqgwrk)#endfil DO             2g1d3c1e1

        docount(sqgwrk,swstid);                     2g1d3c1e2

     %close seq work area%                          2g1d3c1f

        closeseq(&sqgwrk);                          2g1d3c1f1

     END                                            2g1d3c1g

   ELSE                                             2g1d3c2

     BEGIN                                          2g1d3c2a

     stpstid _ getnxt(last);                        2g1d3c2b

     DO docount(first)                              2g1d3c2c

        UNTIL ( first := getnxt(first) ) = stpstid;
                                                    2g1d3c2c1
        END;                                        2g1d3c2d

   % display results %                             2g1d4

     *answer* _ EOL, STRING(count), " visibles" , EOL ;   2g1d4a

     dismes(1, $answer);                            2g1d4b

  END;                                              2g1d5

  ENDCASE;                                          2g1d6

 RETURN(&result);                                   2g1e

 END,
                                                    2g1f
```

34

```
(docount)PROCEDURE(stid); %adds # of visibles in st to global
                count%                                                   2g2

    IF FIND SF(stid)  $NP 1$PT    THEN                                   2g2a

        count _ count + 1                                               2g2a1

        ELSE RETURN ;                                                    2g2a2

    LOOP                                                                 2g2b

        IF FIND 1$NP 1$PT  THEN count _ count + 1                       2g2b1

            ELSE EXIT LOOP;                                              2g2b1a

    RETURN;                                                              2g2c

    END,                                                                 2g2d

FINISH                                                                   2h

(dellea)  % delete leading spaces xroutine %                            2i

    PROCEDURE (result, parsemode, source, sent) ;                       2i1

    END.                                                                2i2
```

% words not to be put in the index; each one must be followed by a
        space, two character words and words ending with "ly" have
        already been eliminated and need not appear here %   3

    (a) and any are also above another among amounting although albeit
            about april apr august aug aspect aimed aspects
            according already affect appropriate autumn annual
            approach approached approaches approaching acheive
            acheivement acheivement action activity after applies
            applying area abbreviate abbreviated able ability
            accomplish accomplished accomplishing accomplishment
            acheive acheived acheives acheivement active addition
            additional additions adding add adjacent advanced
            advantage affected ahead all allowing allow allows
            alternative amount amounting amounted anyway anyhow
            appeared appear appears around ask asks asked asking
            assist assisted assisting assists assumed assuming
            available availability across adopt adopting again
            almost along already applicability applied arranging
            assumedly avail availing availability available add
            adds aid aids alter altered altering alteration assume
            assumes assuming assumed .   3a

Source Code for Creating a JOVIAL J-73 Index of Language Terms

   (b) became become because been being belong both but before
           between biannual background backgrounds based below
           beneath bring brings bringing brought back becomes
           begin beginning begins believe beneficial besides bound
           bulk basis bear bearing becoming better brief begun .   3b

   (c) can could capability cannot come common careful cite center
           centers concept central coming came concept concepts
           conceptual conceptualize concern concerning concerned
           consider considering considers consideration
           considerations contrast contrasted contrasts
           contrasting create creation creates creating capable
           apabilities capacity capacities care carrying carry
           certain common complex complexity considerable consist
           consists consisting consistent constant contain
           containing contains continue continuing choose close
           coherent complete concentrated concerns copied .   3c

   (d) did doing dire december dec describe describes describing
           discuss discusses discussing day definite define
           defines defining definition describe describing
           describes description descriptions develop develops
           developing developed development dominate deal decrease
           decreasing dependent describe describes describing
           described deserve deserved detail detailed details
           determine different does done down dozen during date
           dealing direct distinct dramatic don .   3d

   (e) each ever every ease easy either elementary essential essence
           end etc embrace embracing effect exist exists existed
           existing extant emerge emerging emerges effect
           effective effectiveness effects ends experience
           explicit effect extensive extend extending extends
           earlier easy easier efficient effort embedded enough
           even eventuality everyday example examples exemplify
           expert explains explained explaining explicit explore
           explores explored exploring extension elegant enhance
           expect explain explicit extra exclude excludes .   3e

   (f) for from feel felling february feb final first fourth fifth
           few factor fall friday fri fact facts factual
           factualize focus focused facilitate facilitates
           facilitated facilitating features find fitting five
           flavor flow follow following form formulete formulates
           formulting forth four fraction frequent further far
           formal former full .   3f

   (g) got gotten get guide guides guiding group groups great general

       generalized give given good grow gather gathered giving
       goes greater .   3g

(h) has had have here high his her hers handle handles handling
       help him having heading how however happen happenings
       helps hundred .   3h

(i) its into item improve improves improving improvement
       improvements increase increased increasing immediate
       important implies implication important importance
       involve involves involving involved implement
       implemented implementing implication implications
       include included includes including inconsistent
       inconsistency individual infrequent initial instance
       instances intensive invoke invoked invoking inward
       itself ignoring ignore inappropriate inevitable intend
       instead isn .   3i

(j) just jist january jan jul june jun .   3j

(k) keep keeps keeping .   3k

(l) less least large largest last left leave light labeling
       labeled later let like list listed lists long looking
       look looked looks lower larger latter low leave leaves
       leaving left .   3l

(m) more most much many must majority mean meaning meant might may
       march mar maybe month monday mon make makes making mrs
       miss made main means met meet meeting men mention
       mentions mentioned mentioning middle million minimum
       move moves moving moved maintain maintaining managed
       manner matter matters maximum maximizing midst minute
       mindful .   3m

(n) not neither november nov noone nobody nothing new news
       newsletter newsletters none number need needed needs
       needing never next now necessary .   3n

(o) off one oneself other our over once others ours onto october
       oct out old ought obtain obtains obtained obtaining
       obvious occur occured occuring occurs occurrence
       offered oriented outlined outside outward overlap own
       often .   3o

(p) particular possible probable part parts parting parted
       progress project provocative profess professor prof
       past perhaps person personal personify personifies
       personification perspective place possible

possibilities possibility prefer prefers prefered
preference proper perform piece planned pragmatic
preceding precede preceded prove provide provided
provides providing perceived peter plus portion
powerful practical present presents presented
presenting primary prior purpose purposes put puts .   3p

(q) quite quick ,   3q

(r) real result resulting resultant relate related relating
research rfc report require required requires requiring
raw relevant remain remains remaining rapid reach
reaches reached reaching reasons related reported
reporting representation represented representations
requirements requirement rest resulted results right
rather refer refers refering regular relative
represents representing ready regardless   .   3r

(s) see some such sees since september sept sep sorry sought sight
semi seek seeking sum summary summaries summarizing
summation study studies search searching searches
system second single seem seems seemed seeming summer
sunday saturday sat significant significance special
systematic same say scattered scope sec seen selected
separate serve serves serving set sets several should
shown show showed showing skewed skews skewing skew
small someone soon specify specifying specifies
specified steadily steady serious slower stemming
stimulate stimulted stimulates suitable superior
superlative supplant supplanted supplants supplanting
supplied shows simple simply simplest suggest suggests
suggesting sure ,   3s

(t) the there that those them then than these they this though
there therefor therefore thereof through two thence
thus think thought thoughts three third their together
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urgency usability undergo unique unnecessary upper used
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38

(v) very viable version versions volume vol valid valuable variety
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        whom way ways whether wide widespread working worked
        worth won welcome welcomes welcoming whenever ,   3w

(y) you your yourself yet ,   3x

Source Code for Creating a JOVIAL J-73 Index of Language Terms

(J33299) 22-AUG-75 06:56;;;;   Title: Author(s): Duane L, Stone/DLS;
Distribution: /WK4([INFO-ONLY]) ; Sub-Collections: RADC; Clerk:
DLS;

33299 Distribution
    Wolf-Hasso Kaubisch,

Proposal for a Documentation Session at the KWAC Meeting

Follows from (journal,33229,)

Proposal for a Documentation Session at the KWAC Meeting

Frank
I understand you are making the agenda of the upcomming KWAC meeting.
I'd like to have a session at the KWAC meeting on Document Production
through NLS. I'd be glad to chair and arrange it. There has been a
lot of activity in recent months. I am loose of other work to try to
organize a community, for one thing, and for another there is more
document production going on in NLS that ever before, mainly at
Gunter AFB. I attach a rough agenda I wrote for SRI planning. I
think I could use half a day. Jim Norton is game for this. Let me
know what you think. If I hear from you I will begin circulating
drafts as noted in the agenda.   1

Agenda: I imagine discussion of three draft documents and four brief
oral reports as follows: 2

  Community Organization: 2a

  Long Range Plans:
     With Bob Bellville and others I hope to prepare a document on
  long term hopes for the appearance of the document production and
  control function centered on NLS for years to come. I would hope
  to circulate that document before the meeting.   2b

  Short Range Plans (Wish List):
     I have a list of features and fixes now needed to improve
  document production in NLS. I propose circulating that to the
  KWAC for comment and soliciting their wish lists.   2c

  Recent and Upcoming Improvements:
     Someone, maybe Elizabeth Michael, should report on recent
  developments (new directives, the proof subsystem, changes in DEX,
  and new features for which money has actually been set aside at
  that time.   2d

  Reports from the Field:
     Before the meeting I would ask the KWACs if any want to report
  on what they are doing.   2e

  In particular a report on what is going on at Gunter. This could
  be by Larry Crane, or Ann Weinberg, or possibly one of a few other
  people.   2f

  ISL Capabilities:
     Someone, maybe me or maybe someone with larger experience in
  ISL, should describe briefly its capabilities.   2g

1

Proposal for a Documentation Session at the KWAC Meeting

(J33300) 21-AUG-75 11:07;;;; Title: Author(s): Dirk H. Van
Nouhuys/DVN; Distribution: /FGB([ACTION]) KLM([ACTION] docplan
notebooke please) RMS2([INFO-ONLY]) LAC([INFO-ONLY] please note
2f) POOH([INFO-ONLY] please note 2f) EKM([INFO-ONLY]) RLB2([
INFO-ONLY]) JCN([INFO-ONLY]) &DOCPLAN([INFO-ONLY]) DCE([
INFO-ONLY]) DRB([INFO-ONLY]) NRN([INFO-ONLY]) ;
Sub-Collections: SRI-ARC DOCPLAN; Clerk: DVN;   Origin: <
VANNOUHUYS, FORFRNAK,NLS;1, >, 21-AUG-75 10:46 DVN ;;;;####;

33300 Distribution
Frank G. Brignoli, Kathey L. Mabrey, Robert M. Sheppard, Lawrence A.
Crain, Ann Weinberg, Elizabeth K. Michael, Robert Louis Belleville,
James C. Norton, Documentation Development Production and Control
Community Planning Group , Douglas C. Engelbart, David R. Brown,
Norman R. Nielsen,