KIRK 4-MAR-75 16:16 31976

Renaming user-progs to xprograms

Class II and III user programs are currently located in directory <XPROGRAMS> at ARC and <USER-PROGS> at 01. To make the directories and their documentation consistent and to avoid onfusion with NLS-7 user programs (in user-progs) and to allow the directory <userguides> and the the directory containing userprograms to have un-conflicting names, I have asked JCN to ok the change to XPROGRAMS. To make sure all of the proper people get informed, I'm sending this message to FDBK. Also, JCN indicated that this is the proper channel to get the job done. So, dear FEEDBACK, I leave it in your hands. If people still use NLS-7 user programs, You may want to leave user-progs around to contain them. Otherwise, it should be deleted when <XPROGRAMS> is copied from ARC to 01.

KIRK 4-MAR-75 16:16 31976

Renaming user-progs to xprograms

(J31976) 4-MAR-75 16:16;;;; Title: Author(s): Kirk E. Kelley/KIRK;
Distribution: /FDBK([ACTION]) JCN([INFO-ONLY]) JHB([INFO-ONLY
]) BOBM([INFO-ONLY]) RLL([INFO-ONLY]) DCE([INFO-ONLY]) ;
Sub-Collections: SRI-ARC FDBK; Clerk: KIRK;

New version of NLS-8

The major changes from the user's point of view are in the new sendmail delivery. Line-processor users will note that bugged characters no longer disappear. 1

The major change to the sendmail delivery process is that 1000 characters (independant of the number of statements) is the deciding factor for when an entire message is sent to the user's initial file. If it is more than 1000 characters, a citation with a link to the item is all that is delivered. Other changes include the omission of the "INFO ONLY" note in the citation (the "ACTION" note remains). Also, since messages can be more than one statement long, they appear as substructure under a "MESSAGE" statement which is in turn a substatement of the citation. 2

KIRK 4-MAR-75 19:50 31977

New version of NLS-8

(J31977) 4-MAR-75 19:50;;;; Title: Author(s): Kirk E. Kelley/KIRK; Distribution: /JHB([ACTION] you may want to forward this to utility users since it has ben brought up there as well) FDBK([ACTION] you may want to forward this to utility users since it has been brought up there as well) SRI-ARC([INFO-ONLY]) ; Sub-Collections: SRI-ARC FDBK; Clerk: KIRK;

ETSP 5-MAR-75 07:24 31978

ident requests

i would like to request idents for the following people william p. nemceff 609-921-9000-2607 deliver mail to tryout brenda j. brown 609-921-9000-2526 deliver mail to rumar we are both a ets 1

ETSP 5-MAR-75 07:24 31978

ident requests

(J31978) 5-MAR-75 07:24;;;; Title: Author(s): E, TS ETSPeople/ETSP;
Distribution: /FEEDBACK([ACTION]) MLK([ACTION]) ;
Sub-Collections: NIC FEEDBACK; Clerk: ETSP;

please help!

come see us

FGB 5-MAR-75 07:59 31979

please help!

(J31979) 5-MAR-75 07:59;;;; Title: Author(s): Frank G. Brignoli/FGB; Distribution: /CHI([ACTION]) FEEDBACK([ACTION]) SGR([ACTION]) ILA([INFO-ONLY]) ; Sub-Collections: NIC FEEDBACK; Clerk: FGB;

Burrough's Transfer

MEMO 1

To: Bob Ross 1a

From: Pat Whiting-O'Keefe 1b

cc: Dave Maynard, Hal Bertrand, Ernie Moore 1c

Subject: Transfer of information from MIS system to NLS system 1d

Attached is a copy of a memo that is signed by Ernie Moore approving the approach of transferring information from the B6700 MIS system to the NLS PDG Marketing Information System. This memo describes the data that we would like transferred and the formats that would facilitate the transfer. We are interested in implementing this procedure as soon as possible. 1e

We would like to develop a small utility program to run on the B6700 to extract the following data items from the MIS system to be output to tape in the format specified below. 1f

From the Project File: 1g

(07)	A-PSR-PRIME	x(5)	1g1
(07)	A-PSR-SUB	xxx	1g2
(03)	A-CRG-CD	x(4)	1g3
(03)	A-CLIENT-NAME	x(25)	1g4
(03)	A-TITLE-1	x(51)	1g5
(03)	A-LEADER	x(20)	1g6
(05)	A-START(DATE)	x(6)	1g7
(07)	A-TERM,DATE-MO	xx	1g8
(07)	A-TERM,DATE-DA	xx	1g9
(07)	A-TERM,DATE-YR	xx	1g10
(05)	A-FUND-TOTAL<coded>	x (from S9(8)V99,)	1g11

(05)	A-AGENCY(CLIENT CODE)	xx	1g12

From Proposal File: 1h

(05)	B-PROPOSAL-NO,-PREFIX	x(4)	1h1
(05)	B-PROPOSAL-NO,-PRIME-NO,	x(5)	1h2
(05)	B-PROPOSAL-NO,-SUB-NO,	xxx	1h3
(03)	B-PROPOSAL-ORG-CODE	x(4)	1h4
(05)	B-CLIENT1	x(51)	1h5
(03)	B-AGENCY-CD	xx	1h6
(05)	B-PROP-TITLE-1	x(51)	1h7
(03)	B-AUTHOR	x(40)	1h8
(05)	B-PROP-EST-TOTAL<coded>	x (from S9(8))	1h9
(05)	B-DATE-OF-PROP	x(6)	1h10
(05)	B-EXPIRE-DATE	x(6)	1h11

The files will be entered into the NLS system at the Office-1 PDP-10 run by Tymshare Inc, for SRI-ARC. They will be assigned limited access status so that only those people having PDG-Project directories will be able to read the data. No funding data need be put explicitly on the tape; we would like assignment of a small number of alphanumeric codes to represent ranges of funding. 1i

Only selected agency codes (client codes) would be transferred inititally. These would be client codes:
LA,LB,LZ,NA,OA,OZ,QA,QB,QE,QZ,RZ. 1j

The information would be ordered as follows sorted by an agency code, and within agency by year of start of project and within year by dollar. Each data record for both Project and Proposal Files should be ordered as: 1k

Agency Code 1k1

Client Name 1k2

Title (Author) 1k3

Org 1k4

Leader 1k5

PSR/(Proposal #) 1k6

Begin Date (Date of Prop) 1k7

Term Date (Expir Date) 1k8

Fund Code 1k9

The tape generated would have the following characteristics: 11

(1) Written from an intermediate 'CANDE' File (other approaches are possible but CANDE files have been transferred previously) 111

(2) 7-track tape 112

(3) Odd parity 113

(4) Unlabeled 114

(5) BCL Character Code (or BCD or standard ASCII) 115

(6) Unblocked 116

(7) 72 characters per record with a carriage return inserted as the terminal character in each record 117

(8) certain records for specific data items require leading blanks prior to the data in the record (see the above set of ordered items that have either 0, 3, or 6 leading blanks) 118

A representative funding code scheme is that used by Engineering Science Group and other areas at the Institute, namely: 119

A under $50K 119a

B $50K to $250K 119b

C over $250K 119c

Indefinite - Indef. 119d

Since the data files would need to be updated periodically, we would like to suggest that a weekly update would be satisfactory and that this tape could consist of updates to the relevant portions of the MIS file that were made during the week. This would include additions and deletions. If this is inconvenient, it would be possible to make use of a new copy of the files, but since we desire to retain older data than is retained in the active MIS files, this would add a burden to our processing. 1m

Inter-system file transfers have been previously done following an approach similar to the above and problems could thus be minimized by pursuing a similar approach. Dave Maynard from ARC is the person that will coordinate this effort from the Office-1 side of the interface. 1n

Burrough's Transfer

(J31980) 5-MAR-75 09:35;;;; Title: (Unrecorded) Title: Author(s): Pat Whiting O'Keefe/PWO; Distribution: /DSM([ACTION]) HEB([INFO-ONLY]) MCS([INFO-ONLY]) ; Sub-Collections: NIC; Clerk: PWO; Origin: < O'KEEFE, MEMO,NLS;4, >, 5-MAR-75 09:19 PWO ;;;;####;

MAP2 5-MAR-75 13:41 31981

SRI Utility Slot User Group (#10)

I have transferred a file which describes the current SRI Utility slot user community to the SHERWOOD directory. Glenn Sherwood, the new SRI Utility Architect, will be keeping this file up to date in the future. Note also the list of important phone numbers. Feel free to access this file using the following link and let Glenn know if any information is in error. Given the new slot allocation algorithim and our expanded use of the system you will undoubtedly need to get in touch with other users from time to time...

Link to SRI Slot users file: <SHERWOOD,SRIUSERS,1:xbn>

-- Mike

1

SRI Utility Slot User Group (#10)

(J31981) 5-MAR-75 13:41;;;; Title: Author(s): Michael A. Placko/MAP2; Distribution: /GAS2([ACTION]) HEB([INFO-ONLY]) CAG2([INFO-ONLY]) RAH([INFO-ONLY]) KLM([INFO-ONLY]) PWO([INFO-ONLY]) SDP([INFO-ONLY]) BJR([INFO-ONLY]) MCS([INFO-ONLY]) JCN([INFO-ONLY]) RA3Y([INFO-ONLY]) FEED([INFO-ONLY]) ; Sub-Collections: NIC; Clerk: MAP2;

The FIRSTAID Ident

Bob, 1

With respect to Duane's message (31974), I have no objections to including anyone who has an interest in the problems encountered by KWAC members and who may be able to help with solutions. However, since this might broaden FIRSTAID beyond the current KWAC ident, one of the first things we might want to do is to more definitively define the goals of the group and set criteria for membership. 1a

I don't think there are problems with idents over 5 characters and think FIRSTAID (or BANDAID) is appropriate. 1b

I'd like to second the proposal that one of our first activities be to independently order the NLS development possibilities etc, and I too would like references to any meeting notes that exist. 1c

With respect to the Journal system, I agree that it should be used whenever possible. However, of late, it has occasionally been unusable. The alternatives that I see are: 1d

- use the SEND command in the MESSAGE subsystem. It behaves like SNDMMSG except that it believes in IDENTS 1d1

- set up a community file that contains FIRSTAID member names in a well known directory with TENEX protection set public 1d2

- set up such a file in every KWACer's directory (you could probably send it via Journal and then do an output sequential but I'm not sure about that) 1d3

- get energetic and type the 10 or so directory names with every SNDMSG 1d4

I hope we can get this thing going soon while the enthusiasm (or whatever) generated by the last meeting still exists. 1e

Regards, 2

Frank 3

The FIRSTAID Ident

(J31982) 5-MAR-75 18:06;;;; Title: Author(s): Frank G. Brignoli/FGB; Distribution: /KWAC([ACTION]) ; Sub-Collections: NIC KWAC; Clerk: FGB;

ILA 6-MAR-75 05:03 31983

test messsage

This is another test message 1

ILA 6-MAR-75 05:03 31983

test messsage

(J31983) 6-MAR-75 05:03;;;; Title: Author(s): I. Larry Avrunin/ILA;
Distribution: /FGB([ACTION]) EHC([ACTION]) PSB([ACTION]) ;
Sub-Collections: NIC; Clerk: ILA;

RPU 6-MAR-75 06:14 31984

PASLACS

Herb,

Ed O' Donnell tells me that the only reason we are carrying the ball on this is that the original GFSR was addressed to this Division and was tied into the MM&T project for which Scientific Applications Branch (Ed's branch) is carrying the ball. The GFSR is presently at DA awaiting answers to the following questions:

Why can't we use the SPEEDEX system?

Why cannot we have a standard system for both Watervliet Arsenal and Rock Island Arsenal?

Unfortunately your rep wasn't able to make a meeting on the subject that was held in Jan at LSSA because of the travel restrictions. My action officer met with representatives of Rock Island Arsenal and LSSA at that meeting.

Based on the results of that meeting RIA is preparing a response to the DA questions. We believe that RIA should adopt the Speedex system, but we don't think that RIA is going to propose this in their reply. Ed tells me that John Gilbert also supports our position that RIA should adopt the Speedex system.

Anyway, with all this background, I believe that we should turn this action over to you, because it does seem to fit your mission better, in view of the close tie in with SPEEDEX. The current on-going action involves getting answers to the DA questions that are satisfactory to AMC HQ.

Does this provide you sufficient information to answer Mr. Arntson?

Ron

PASLACS

(J31984) 6-MAR-75 06:14;;;; Title: Author(s): Ronald P. Uhlig/RPU;
Distribution: /HSM([ACTION]) ; Sub-Collections: NIC; Clerk: RPU;
Origin: < UHLIG, PASLACS,NLS;1, >, 6-MAR-75 06:12 RPU ;;;;####;

DAP 6-MAR-75 08:01 31986

Changes in disk allocation

Please make the following changes in disk space allocation for the indicated directories:

1. Anastasio: from 300 to 150 pages
2. Vanhassel: from 300 to 150 pages
3. Rumar: from 300 to 600 pages

I'd also appreciate receiving a review of ETS's current directories with their new disk allocations so I can check my records.

Thanks.....

Dave Potter

1

DAP 6-MAR-75 08:01 31986

Changes in disk allocation

(J31986) 6-MAR-75 08:01;;;; Title: Author(s): David A. Potter/DAP;
Distribution: /FEEDBACK([ACTION]) AMH([INFO-ONLY]) EJA2([
INFO-ONLY]) BVH([INFO-ONLY]) ; Sub-Collections: NIC FEEDBACK;
Clerk: DAP;

DAP 6-MAR-75 08:08 31987

ETS Proposal

Where is it?

ETS Proposal

We have as yet received nothing whatsoever from you on this topic. Please? I know you're busy with the move to BBNB, but it's been a while...

Also, while I'm in sendmail anyway...got any answer to my questions on rental of DEX equipment?

I'd really appreciate a prompt response to both of these items, especially the first,

...Dave

DAP 6-MAR-75 08:08 31987

ETS Proposal

(J31987) 6-MAR-75 08:08;;;; Title: Author(s): David A. Potter/DAP;
Distribution: /JCN([ACTION]) EJA2([INFO-ONLY]) ;
Sub-Collections: NIC; Clerk: DAP;

1

now is the timwe for all etc. 1

(J31989) 6-MAR-75 12:00;;;; Title: Author(s): James Peterson Shores/JPS; Distribution: /AW([INFO-ONLY]) ; Sub-Collections: NIC; Clerk: JPS;

info

this is just a test case please ignore 1

info

(J31990) 6-MAR-75 12:16;;;; Title: Author(s): George Egeland/GE2;
Distribution: /JPS([INFO-ONLY]) AW([INFO-ONLY]) ;
Sub-Collections: NIC; Clerk: GE2;

extended NSW scenarios

Here is the extended version of the NSW scenarios for your review and manipulation. There have been several changes and additions since the previous version.

IDENTIFIED APPLICATIONS

There are currently identified four major areas of application of the NSW system to the AFDSDC mission: Software development, testing, and maintenance; Documentation entry, editing, update, publication, and control; AFDSDC Office Automation including intra- and inter-organization communications; and Miscellaneous ARPANET Usage. 1

B3500/4700 Software Production (Subproject A)

The NSW will be used to assist and control all phases of the system production process, from initial design to continuing maintenance. Programs will be interactively written, debugged and tested on-line. An integrated database on each system, including source and object code for each program, design documents, system and user manuals, DIREPS, and pointers to other systems sharing (production) files will be available on-line. 1a

Documentation (SubProject B)

The NSW will be used to publish and maintain all documentation distributed by AFDSDC. This will include FUSM and System manuals, DPPs, Reports, etc. These documents will be entered via an off-line cassette tape, fed into the NSW file system, edited, and published in Microfiche and hardcopy formats. Updated versions will be prepared using the NSW text editors, greatly reducing work. Flow charts, diagrams, and similiar line drawings will be interactively generated at advanced CRT stations, and stored on-line as part of the document file. The on-line documents will form a rapidly available library, accessable by AFDAA and other AF and DoD users. 1b

Office Automation (Subproject C)

The NSW will also provide an Office Automation system. Correspondence within AFDSDC, and between AFDSDC, AFDAA, and AFDSC will be prepared, coordiated, distributed, and filed using NSW tools. (Corespondence with other organizations will also be prepared and coordiaated internally using the system, but will be then printed on a high-quality printer before being sent to the external organization). 1c

Miscellaneous ARPANET Usage (SubProject D)

AFDSDC organizations will make use of facilities of the ARPA Network not available as NSW tools via a "TELNET-like" tool provided by NSW. Used in this mode, NSW will only provide a general Network access facility, a pseudo-TIP. User organizations will be required to negotiate individual accounts and payment procedures with the owners of the software and hardware to be used, exactly like today. 1d

B3500/B4700 SOFTWARE PRODUCTION 2

CURRENT ENVIRONMENT 2a

Manual Methods

The first step of the current method of running a job is to submit a hand-written coding sheet to be keypunched. The program is keypunched and returned to the user. The user checks the deck against his coding sheet, and repunches any cards as necessary. When the deck is correct, the user prepares a workorder, and jobcards. He then places the deck and workorder at a designated pickup point within his building. Twice daily, a courier comes and delivers the job to the computer center. At the computer center, the jobs are logged in, sorted for priority, and put on carts for the machine operaators. The machine operators load the decks into the machine, then return the decks to production control. Periodically, printouts are also returned to production control. Production control mates the job with its output, logs the job out, and puts it into outgoing distribution. The next time the courier makes his rounds, he delivers the job back to the users' building, where the user picks it up. The user checks the output, repunches new cards and resubmits the job until it is correct. 2a1

Online Remote Compile And Test System (ORCS)

Under the new ORCS system, the user still submits a handwritten coding sheet to be keypunched, but the deck produced will then be loaded directly into the machine, and only a listing returned to the user. The user checks the listing, and makes up change cards to correct any errors. These change cards are submitted via the ORCS RJE terminal. The change cards are merged with his program file, the job run, and the resulting output diverted to the RJE terminal. The user may then review the results, make up additional correction cards, and repeat the process. 2a2

NSW ENVIRONMENT 2b

NSW Job Submission- Simple Case.

Under NSW, the user has two options for entering his program. The first option corresponds somewhat to the current procedures, where the user will hand-write a coding form and send it to be keyed. Instead of being keypunched to card, however, it will be keyed to (off-line) cassette, then entered into the NSW file system [?automatically, while the key operator is recording another program on the second cassette unit at her station.?] The user also has the option of entering the program on his own offline or online CRT/cassette unit if he wishes. (The semi-skilled typist can typically type as fast or faster than he can print by hand, so this option is reasonable and could reduce keystroke workload considerably.) Once entered into the NSW files, the program can be reviewed and corrected using a text editor. Then a job can be created. This job enters the batch queue, is executed, and the results returned to NSW. The user can then use the text editor to review the results, and correct his job, before resubmitting it for another run. 2b1

Note that programs, just like any other document, letter, or group of TEXT, will be keyed by the organization secretary, not by a special keypunch section. Secretaries tend to be both faster and more accurate than keypunchers, and by gradually doing away with keypunch positions, AFDSDC will be able to save manpower, money (for keypunch machines and cards), time (due to the faster turnaround of having the programs punched within the organization), and errors (card images on a CRT are easier to type, review, and correct than on physical cards). 2b1a

The process of creating a batch job (assuming all source and input files are already in being) will involve invoking an NSW batch submission tool, telling it what to run, where, and which files to use. This tool will then handle all file movement, login, entering the job in the batch jobstream, and retrieving/disposing of output files. 2b1b

NSW Job String Submission

[% The simple case discussed above will provide some increase in productivity over ORCS (via a better way to view, update, and reenter a job) and significant increases over the manual method (because of the considerably faster turnaround.) It will also allow better management controls by improving reporting, automating standardization checks, imposing management policies, etc. However, the largest payoffs will not come from the single job but from the submission of a Job

string. In this case, the user can generate a string of sequentially running batch tools, perhaps even running on different machines.%] 2b2

[%For example, the user might be writing in structured COBOL, TO test execute his program, he might generate a jobstream;
PREPROCESSOR;TEST-DATA-GENERATOR;PERCENT-EXECUTE;
B4700-COBOL-COMPILE;EXECUTE;LISTING-REFORMATTER
; each job of which is dependent on successful completion of the previous one. A failure at any step will abort the stream. (The fact that each tool may run on a different physical machine will be transparent to the user).%] 2b2a

[%Thus the user would have software development tools available to him to automate such things as translating from a structured version of a language (which is easier to read, write and debug) to the standard version, to perform the time consuming job of instrumenting the program to assure all control paths are used, of generating appropriate test data, and of reformatting the listing so it is easier to read. The system would have thus taken over much of the manual work normally necessary, allowing the programmer to concentrate on programming. This should yield a significant productivity increase. %] 2b2b

Interactive Writing/Reading/Correcting
Corrections to the program file will be made on-line through the use of a text editor [%which "understands" the language the program is written in. This system will check changes to the program (as they are entered) for syntax, provide recognition of reserved words and datanames, and maintain the structure of the program in an easily understandable form. It will also enforce certain programming conventions such as limiting blocksizes, requiring explanatory comments, etc%]. After a program has compiled and run, the compiler generated listing will be structured for easy readability, and any errors in syntax which slipped past the editor will be flagged. A listing of the machine instructions generated by the compile will also be available within the structure to allow the user to find the exact machine code generated by any questionable statement. 2b3

Interactive Debugging Package
[% A system will eventually be available to allow a programmer to interactively control the execution of his program; to manually step through areas of code which are malfunctioning, to change variables, to trace branching, etc. Thus, the on-line programmer will have all the capabilities to

quickly isolate bugs, just as if he had the machine all to himself, Several such copies of this package may run simultaneously, so in effect it will be possible to give several users "dedicated time" simultaneously, significantly improving utilization of the hardware resources available, With this facility available, it is expected that the only work requiring a dedicated machine will be operating system (MCP) maintainance, Data Communications Control System program developement, and environmental system tests, %] 2b4

Program Testing
[? Tools to trace the execution of the program,?] [% and to generate test data to assure the system has been completely exercised will be available to both the programmer and the quality control branch, Through the use of such tools, software will be more completely tested and therefore more reliable when released to the field, %] 2b5

Project Documentation and Management
All concept documents, specifications, design documents, progress reports, etc, pertaining to the project will be prepared online and stored in a Project Documentation file, This file will be available to the project managers (to allow better tracking of how the project is progressing) and to the functional analysts and programmers (to allow rapid access to design/conceptual documentation), [%The manager will also have available an interface to the PARMIS II system to allow him to enquire about manpower and scheduling aspects of the project%], 2b6

Top Down Design
[% In the long range, the Center will move more and more to Top Down design techniques using structured programming concepts, Programs will be defined using a high level block-structured Program Description Language, Source code will then be added to do the functions described by each PDL statement (which will in turn become a comment,) A tool will be implemented to extract the PDL description into a textual description, and into a flowchart at a user-specified level of detail, Both of these facilities will significantly simplify, standardize, and speed system documentation, as well as improving the product and allowing new personnel to learn new systems much more quickly,%] 2b7

Minicomputers
[? As the USAF moves to using more minicomputers, emulators [%and/or slaved development minis%] will be used to evaluate hardware/operating system, and to write, test, and debug software for such systems, Microprogramable computers will make such processes faster and more cost effective than current

higher level emulators, [%Another possibility which in some cases may be implemented is to slave a Mini to a larger machine in such a way that the master computer controls the mini, acting as a "pseudo-operator". In either case,%] it will thus be possible to bring the full powers on NSW online program development tools to bear on writing software for minicomputers,?] 2b8

DOCUMENTATION 3

CURRENT ENVIRONMENT 3a

Initial Typing And Publication

The current environment is a manual, typewriter based system with photo-offset printed products. Documents are hand written by the author. The documents is then typed by a secretary and returned to the author who marks corrections, to be made by the secretary. This loop continues until the document is (in the author's view) correct. The document then is manually distributed for coordination/approval. At any step in this process, additional corrections (ranging from minor wording changes to inserting/deleting/ moving several lines or even pages) can occur. Each such change requires manual correction ranging up to complete retype of large portions of the document. When the document is finally ready to be released, it is retyped on a special form, photographed, and printed in hard copy. 3a1

Update And Republication

As changes are made to a document, two possible procedures can be followed. If the changes are extensive, the document must be republished, requiring complete retyped as if from scratch. This can also occur if there have been several separate smaller changes made to the document since it was last republished. (In this case the document has become a mass of changes to changes, and becomes difficult to read and update in the field.) 3a2

Changes

If the changes made to a document are not so extensive as to require republication, only a list of changes are published. This list of changes directs the field users to make pen-and-ink corrections to his copy of the manual if a change involves only a sentence or two. If the changed area is large enough to make a pen-and-ink correction impossible (say adding a paragraph), a new replacement page is provided with the list of changes and the field user is directed to substitute this

page for the corrected one. Obviously this procedure takes many man-hours Air Force wide, and is prone to error. 3a3

Manual Microfiche

Because of the rising cost of paper and postage, and to alleviate the error problem, early in 1975 AFDSDC will start publishing selected manuals in Microfiche format. The procedures will be essentially the same as before except documents will be photographed and the film used to prepare Microfiche instead of being printed on hardcopy. Each time a manual is changed, a new fiche will be prepared, so that the process of correcting a manual in the field will be simply to replace the old fiche with a new fiche. 3a4

NSW ENVIRONMENT 3b

Initial Entry

Initial entry of a document into the NSW will be via an off-line CRT and cassette tape. A secretary will type a screenfull of text (~25 lines), review and correct obvious errors, then store it on cassette tape. This process will repeat until the complete document (or section of a document) is on cassette. It will then be read into the NSW file system. 3b1

Alternatively, the author may enter his text directly on his own CRT/cassette unit, instead of hand writing it. This would be more efficient if he were a fairly good typist, but should not be expected to be the normal case. In such an instance, the entered document will probably be referred to a secretary to "clean it up" (correct spelling errors, typos, etc.) 3b1a

Editing

Once entered and generally corrected, the document will be referred back to the author for review and correction. If the author is reasonably skilled in using an NSW Text Editor facility, this will be done on-line at the author's CRT. If not, the secretary will have the system generate a hardcopy of the draft, on which the author will mark corrections. Those corrections will then be made by the secretary. (Note again that it is nearly as quick for an author to use the editor to actually make the corrections himself as to mark them on hardcopy for a secretary to do- and response is instantaneous.) The corrected draft will then be restored into an on-line file. 3b2

Diagrams and Figures

Diagrams, figures, flow charts, and other such line drawings will be manually sketched by the author. The sketches will be sent, together with a file reference, to a Graphics

Specialist, who will use the NSW (NLS) Graphics facility to generate an on-line version of the diagram. (This person will use the same terminal as the Publication Specialist, and in fact, will probably be the same person.) Once the diagram is on line, the Graphics Specialist will generate a hard copy and return it to the author. The author will review the hardcopy, and mark any corrections necessary, then return it to the Graphics Specialist, who will make the corrections, and generate another hard copy of the corrected figure, and so on. When the diagram is finally correct, it will be merged into the text of the document at the appropriate place. 3b3

Photographs

Pictures- as opposed to line drawings- will be photographed, catalogued, and flash overlayed onto the COM Master. The author will be required to specify the size, location, and catalogue number of a desired illustration's negative. The formatting system will automatically leave an appropriate space in the output text file and generate a COM machine control instruction to cause insertion of the photograph at the appropriate point. This process will not involve the Graphics Specialist, and will be held to a minimum, as it involves some extra expense, and slower response. However, it will be available if required. 3b3a

Hardcopy Documents

In the long range, this system is primarily designed to generate COM documents. However, it will also be used to manage, update, and coordinate documents which must currently remain in hardcopy because of requirements of the user. In such cases, the previously discussed process will apply, except that instead of working with the entire document, only the changed portions will be extracted to a temporary file. Corrections will be made and hardcopy masters of the changed pages will be produced on a high quality printer for publication via conventional means. 3b4

Coordination

The draft document (or changes) will then be circulated via the NSW/Journal mail facility for coordintion/review/correction. If the reviewer has comments or corrections he would like made, he will generate a list of comments and link them to the document, to allow their easy insertion in the document. This process may proceed either serially or in parallel. In other words, during the early stage of writing a document, the author may want to distribute it to several people simultaneously for comments and sugestions. On the other hand, once a final draft is ready, it will need to be serially passed up the approval chain. 3b5

Formatting And Proofing

Once a document has been approved, it will be sent (via a file reference in NSW Mail) to the Document Preparation Section. Here, a trained Publications Specialist will append any special formatting commands required, and then generate a [?"COM Proof", a ?] hardcopy approximation of how the document will appear when published via the Computer Output Microfilm facility. This proof will be returned the author for final checking. When he approves it, the proof will be returned to the DPS and a COM master will be generated. This will also be proofed, and if acceptable, the master will be sent to the reproduction section. 3b6

COM Master Generation

In the early phases of the project, generation of the COM masters will be done by a commercial service bureau (due to the cost factors involved). [%As the use of NSW grows and becomes more widespread, an NSW COM publication center will be set up, probably at AFDSDC due to response time considerations. This facility will provide service to all NSW users on a cost-reimbursable basis.%] 3b6a

Reproduction And Distribution

The Master fiche will be photographically reproduced (using the same equipment used to reproduce manually prepared fiche). It will then be distributed either by mail, or with the Block Release, as appropriate. 3b7

Storage And Republication

Once published, the on-line copy of the document will be retained on low cost storage (either a tape library, diskpack library, or [?on an online, Datacomputer-like service facility?]). Once captured, it will never again be necessary to retype the document. Changes, no matter how large or small, will be made by simply repeating the preceeding process starting with the EDITING stage. 3b8

OFFICE AUTOMATION 4

CURRENT ENVIRONMENT

The current environment is almost totally manual and paper-based, using typewriters, manual coordination, manual mailing/distribution, and manual filing. Some users are currently evaluating automatic typewriters such as the IBM Magnetic Tape/Card Selectric Typewriter systems, but there are only a very few such machines currently used for production, and NSW should eventually replace these with more powerful CRT systems. 4a

NSW ENVIRONMENT

Under NSW, tools will be available to support the preparation, coordination, and distribution of correspondence, reports, and the like within the Center, and to some extent between the Center and other organizations with access to NSW, notably AFDSC, AFDAA, and AFSC. Used this way, there will be little difference from the mode of operation described in the DOCUMENTATION section. The primary difference will be that coordination and distribution of shorter documents will predominate over publication of larger ones. 4b

Document Preparation

A document- a letter, memo, report, etc.- will be hand written by the author (or entered directly as above), loaded to a cassette by a secretary, then spooled in. As in the preparation of a manual or larger document already discussed, there may be one or more correction steps until the document is correct and ready to distribute. It will be then passed up the approval chain and distributed (by NSW Mail for AFDSDC or other online users, and by hardcopy US Mail for non-users) to the addressee(s), and a copy kept in archival storage. 4b1

Automatic Typewriters-Plus

For most shorter documents produced in the Office environment, the CRT/Cassette unit will be used offline as an automatic typewriter, but with the capability to connect to NSW to do more more extensive editing functions than those available on the terminal itself, or to enter the document into the online distribution environment. This will reduce the contention for relatively scarce and expensive external computer resources, and will simplify training of secretarial personnel, in that only a portion of them will actually use the more powerful but more complex online editors. 4b1a

Secretaries' Editor

[? A recognized problem with the initial NSW editor (NLS) is that, because of the power it offers the user, it tends to be more complex to use than other editors currently available. Since the average secretary will not actually use the full power of NLS, it is desirable to define a simpler command language for such non-technical personnel. This language should allow only a basic subset of the complete NLS command language. AF/DAX will provide significant inputs to the design of this language, as will AFDSDC and AFDSC non-technical personnel who have used the normal NLS system.?] 4b1b

Document Reception

The process of receiving a document (for an on-line user) will be simply to receive a pointer (LINK) to the single on-line copy of the document, and to use this pointer to retrieve the necesary information. Such LINKs will also be used for filing, referencing the document in future letters, etc. To make such a reference, the user will simply insert a Link to the original (or referenced) document, within the new (referencing) document. 4b2

Time Managers
[? There will also be available a time management service (TENEX CALENDAR System) to remind users of appointments, project milestones which are (or soon will be) due, etc.?] [%This facility will also be used to set up meeting schedules to best fit the available time of those involved, and be used to control suspenses on work.%] 4b3

GENERAL ARPANET USAGE 5

CURRENT ENVIRONMENT

Current access to ARPANETed facilities is via the TIP at Patrick AFB, Fla. (RML). Accounts, information about services, payment procedures, funding sources, and the like must be handled individually between each using organization and serving site. The Network access facility offers access control, a little usage information, and very primitive user services. 5a

NSW ENVIRONMENT 5b

Accounts, funding, etc.

NSW will not handle accounting for Non-NSW tools and facilities on a production basis. It may in certain instances handle setting up accounts for trial or experimental usage of systems not available within NSW, but which appear to be useful additions. However, in the general case, the process of setting up such "outside" accounts on machines which are not TBHs will be the same as in the current environment. 5b1

Access Facility

Access to "Non-NSW" portions of the Net will be via a "TELNET-like" tool, (actually just an invocation of the PDP-11 ELF system with a 'transparent' grammer). Access control to the NET will be via the normal NSW logon; to the foreign host via that host's Logger function. This tool will offer a more understandable command language and some additional services over those currently available on a TIP, but it will essentially be a "TIP replacement". 5b2

Additional Note

It is expected that such extra-NSW use will be relatively common in the early phases of the project, but less and less so as more machines are equipped with TBH software. As soon as a machine becomes a TBH, any non-proprietary software running on the machine can be used within the framework provided by NSW. Thus as NSW expands, more and more tools will be available through NSW, and only a few will be accessed, and payed for, outside of the NSW environment. 5b3

LAC 6-MAR-75 12:44 31991

extended NSW scenarios

(J31991) 6-MAR-75 12:44;;;; Title: Author(s): Lawrence A. Crain/LAC;
Distribution: /WEC([ACTION]) MAW([ACTION]) NSW([INFO-ONLY])
; Sub-Collections: NIC NSW; Clerk: LAC; Origin: < CRAIN,
EXTENDED-SCEN.NLS;6, >, 6-MAR-75 09:12 LAC ;;;;

GE2 6-MAR-75 13:56 31992

response to mail test

hi Larry - received your message of 4Mar 75 OK.

regards, George

1

GE2 6-MAR-75 13:56 31992

response to mail test

(J31992) 6-MAR-75 13:56;;;; Title: Author(s): George Egeland/GE2;
Distribution: /ILA([INFO-ONLY]) ; Sub-Collections: NIC; Clerk: GE2;

JPS 6-MAR-75 14:19 31993

responce to your mail

hi larry, i read message ok... jim s. 1

JPS 6-MAR-75 14:19 31993

responce to your mail

(J31993) 6-MAR-75 14:19;;;; Title: Author(s): James Peterson Shores/JPS; Distribution: /ILA([INFO-ONLY]) ; Sub-Collections: NIC; Clerk: JPS;

JMB 7-MAR-75 08:10 31994

Documentation

Can I have an estimate of when copies (at least an advance, or journalized copy) of the Glossary will be ready? NSRDC people are crying for a hardcopy document which explains advanced capabilities. File handling expertise (and just plain survival--like bad files) is one of their concerns. 1

JMB 7-MAR-75 08:10 31994

Documentation

(J31994) 7-MAR-75 08:10;;;; Title: Author(s): Jeanne M. Beck/JMB; Distribution: /JHB([ACTION]) ; Sub-Collections: SRI-ARC; Clerk: JMB;

JMB 7-MAR-75 08:22 31995

Applications & Training at ARPA: Fancy use of commands branches

It turns out Duane Stone doesn't know any more than I do about how to do an interactive commands branch. My next contact will be Dirk vanNouhuys. 1

Col. Deex of ARPA-STO has given Connie & I his files that he's had people run in XED at Host 86 to make up MRAOs. So Connie is ready to get started. We have to set up an algorithm that's simple for naive users to follow (and makes NLS fairly transparent, except for editing), once I find out what the NLS capabilities are. 2

JMB 7-MAR-75 08:22 31995
Applications & Training at ARPA: Fancy use of commands branches

(J31995) 7-MAR-75 08:22;;;; Title: Author(s): Jeanne M. Beck/JMB;
Distribution: /JHB([INFO-ONLY]) SGR([INFO-ONLY]) ;
Sub-Collections: SRI-ARC; Clerk: JMB;

FGB 7-MAR-75 10:42 31996

New Ident for NSRDC Directory

FEED, 1

Please generate an ident and make it usable under the NSRDC directory for the following individual: 1a

Joan S. Bowden 1a1

Naval Ship Research and Development Center 1a2

Code 1892.1 1a3

Bethesda, Md, 20084 1a4

Tel: 202 227-1907 1a5

Thanks, 1b

Regards, 2

Frank 3

FGB 7-MAR-75 10:42 31996

New Ident for NSRDC Directory

(J31996) 7-MAR-75 10:42;;;; Title: Author(s): Frank G. Brignoli/FGB;
Distribution: /FEEDBACK([ACTION]) ; Sub-Collections: NIC FEEDBACK;
Clerk: FGB;

GE2 7-MAR-75 10:48 31997

spring greetings

sunshine and fair saling 1

GE2 7-MAR-75 10:48 31997

spring greetings

(J31997) 7-MAR-75 10:48;;;; Title: Author(s): George Egeland/GE2;
Distribution: /AW([INFO-ONLY]) ; Sub-Collections: NIC; Clerk: GE2;

DAP 7-MAR-75 10:53 31998

incorrect idents

Please make the following changes in the idents for ETS and individuals at ETS:

The correct title for the organization is Educational Testing Service, not Educational Testing Services. This may seem trivial, but the ident system is used to generate the return address and the signature block in user-prog LETTER; thus accuracy is important.

Ident WPM is incorrect; it should be WPN, for William P. Nemceff.

Both Sinnott and Swanson are shown as sharing telephone extension 2522. This is incorrect -- that's MY extension. Swanson's extension is 6437; Sinnott's is 3236. 1

DAP 7-MAR-75 10:53 31998

incorrect idents

(J31998) 7-MAR-75 10:53;;;; Title: Author(s): David A. Potter/DAP;
Distribution: /FEEDBACK([ACTION]) JAKE([INFO-ONLY]) ;
Sub-Collections: NIC FEEDBACK; Clerk: DAP;

spring greeting

sunshine and fair sailing

GE2 7-MAR-75 10:56 31999

spring greeting

(J31999) 7-MAR-75 10:56;;;; Title: Author(s): George Egeland/GE2;
Distribution: /GE2([INFO-ONLY]) ; Sub-Collections: NIC; Clerk: GE2;

DLS 7-MAR-75 13:09 32000

76 Proposal, NSW/NLS, Final Report

Do you have a rough cut of next year's proposal yet. Even a 2-3 level clipped view to indicate the areas that you will be proposing work in would be helpful. We are in the middle of program call here for FY-76, and since we will be funding half of your work next year we would like to get a picture of what you will propose. There could well be things that we might want to see done in the NLS area which ARPA isn't particullarily interested in funding. 1

Also...a reminder in your busy schedule, that the old contract is officially over and that the "infamous" final report is again due. Last I heard, most people were pointing the finger in your direction, saying that all that was needed was a write-up from you. Is Dirk still in charge of the report preparation, now that he is spending time downstairs?? 2

How does it feel to be working over the net from your end of the country? As I'm sure you have heard, Office-1 is having its share of response problems, where it is often unclear whether the net or the host is at fault. Steve Walker at ARPA is trying to get a consolidated list of possible causes from all concerned, and present it at the Principle Investigators meeting. 3

Read your note on treatement of the NSW from a virtual operating system viewpoint. I agree with your suggestion that this would help other people in the field relate to what is going on in NSW land. I know it would help here at RADC. 4

Is there any chance of your visiting RADC on one of your trips East, to give a chalk talk to the local management and working troops? I think it would eliminate a lot of confusion, etc and ease the funding and justification problem around here. 4a

DLS 7-MAR-75 13:09 32000

76 Proposal, NSW/NLS, Final Report

(J32000) 7-MAR-75 13:09;;;; Title: Author(s): Duane L. Stone/DLS;
Distribution: /RWW([ACTION]) MAW([INFO-ONLY]) JLM([INFO-ONLY]
) FJT([INFO-ONLY]) ; Sub-Collections: RADC; Clerk: DLS;

RBP 7-MAR-75 13:51 32001

Recommended Agenda Item for RADC Staff Meeting

Subject: Class D&F's 1

Recommendation: Since the impact by delay in approval of class D&F's is Center-Wide, I recommend the following be brought up as an action item at the RADC staff meeting: 2

> Recommendation: That the DO and PM Offices draw up a letter from the RADC Commander signature to AFSC/DL Commander requesting that AFSC maintain continuous surveillance on the status and progress of all RADC class D&F's because of potential problems outlined in Background below, and further that an agenda item of the DL Commander weekly's staff meeting be "status of D&F's". 2a

Background: Mr. DiNitto and I met with Lt. Col. Broussard, Mr. DeLorenzo and Mr. McCartney on 24 Feb 75 as directed by Mr. Tomaini. The meeting was held to get more information on exactly what is meant by "class" D&F and what are the advantages/disadvantages of submitting this type of document? 3

We found that the meaning of class D&F with reference to the DO letter, means a grouping of efforts from one area or project (Sam later found out that the area must be within a project - i.e. funded from one project) whose objectives are related and whose individual total costs are equal to or greater than $100K. The class D&F is good only for one fiscal year - i.e. it must be acted upon (approved) during the submission year and the RFPs must be out by 30 June or else it must be resubmitted the next FY. 4

The advantages are that it can save paperwork and could result in faster action than would be the case for individual actions. 5

There is one disadvantage which could have serious impact on the plan for program implementation which is - if one of the efforts out of the group meets with disfavor or need for additional information by someone in the review/approval channels, then all other efforts will be held up until that level of review is satisfied. There are three levels of review (AFSC, USAF & SAFRD) after a D&F has been scrutinized within RADC. The more complex the D&F, (i.e. the more efforts contained), the greater the chance for delays in the channels. 6

Procurement can not, by law, start procurement action on any effort in for D&F approval. Therefore, if one effort in a class D&F requires special attention at a level, procurement actions on all efforts are delayed. This, in turn means that less funds will be expended than was planned, not on one, but on the total number of efforts in the D&F. 7

When one considers that funds have to be expended within the FY,

foward financing authority is unlikely and it is normal practice to introduce a number of efforts under $100K into the procurement cycle to bring the planned program approximately 25% above the project ceiling, the effect of delaying three or four efforts instead of just one for a D&F causes much anxiety. This translates into approximately two additional efforts per month delay per class D&F assuming January contract start date. These efforts are not easy to come by since many areas are run in a phased manner. 8

Recommended Agenda Item for RADC Staff Meeting

(J32001) 7-MAR-75 13:51;;;; Title: Author(s): Roger B. Panara/RBP; Distribution: /RDK([ACTION]) FJT([INFO-ONLY]) JLM([INFO-ONLY]) ; Sub-Collections: RADC; Clerk: RBP; Origin: < PANARA, D&FS,NLS;1, >, 7-MAR-75 13:46 RBP ;;;;####;

EJK 7-MAR-75 14:56 32002

Business Card

Doing business with you
Is like wearing a condom.
It gives one the feeling of
Faith, Security and Safety
While getting screwed.

1

EJK 7-MAR-75 14:56 32002

Business Card

(J32002) 7-MAR-75 14:56;;;; Title: Author(s): Edmund J. Kennedy/EJK; Distribution: /FJT([ACTION] Where's MY drink) ; Sub-Collections: RADC; Clerk: EJK;

ELF II Listings

ELF II listings and/or tapes coming soon

FGB 7-MAR-75 17:22 32003

ELF II Listings

I have just finished speaking with John Zenor of NWC.

He has just received a 9 track tape in an oddball format which contains the ELF II listings.

He would like some time to ascertain the format of the tape. After he does, he will copy the tape and send it out to those of you who have expressed an interest in it. John estimates that by the middle of next week he will be in a position to generate microfiches of the ELF II listings.

Since we are still shaking down this method of communication, I would appreciate it if those of you who receive this message would send an acknowledgement to:

FGB and ILA using the NLS Sendmail subsystem

or

BRIGNOLI and AVRUNIN using the TENEX SNDMSG system.

Regards,

Frank

ELF II Listings

(J32003) 7-MAR-75 17:22;;;; Title: Author(s): Frank G. Brignoli/FGB;
Distribution: /NAVIMP([ACTION]) ; Sub-Collections: NIC NAVIMP;
Clerk: FGB;

MIKE 8-MAR-75 10:25 32004

A Process Commands Branch for moving messages, reformatting them, and sorting them according to the senders last name.

This branch is designed to interact with the 'Process Commands from Branch' command. When you give the command ' PRocess commands from Branch A: ' and then point to the Bracnch A: groupmess, this branch will work to move your message file from the directory to an NLS branch named MESSREC. You must create the statement MESSREC in the same file as the branch GROUPMESS before running the program for the first time.

MIKE 8-MAR-75 10:25 32004

A Process Commands Branch for moving messages, reformatting them, and sorting them according to the senders last name.

```
(groupmess)                                                    1

   goto programs
                                                               1a

   load program message
                                                               1b

   goto message
                                                               1c

   move message
   messrec
   d
                                                               1d

   goto programs
                                                               1e

   load program reform
                                                               1f

   goto base
                                                               1g

   Print branch messrec
   wi
                                                               1h

   sort plex messrec .d
                                                               1i

   set viewspecs j
                                                               1j
```

MIKE 8-MAR-75 10:25 32004

A Process Commands Branch for moving messages, reformatting them, and sorting them according to the senders last name.

(J32004) 8-MAR-75 10:25;;;; Title: Author(s): Michael T. Bedford/MIKE; Distribution: /IMM([ACTION]) BELL-CANADA([INFO-ONLY]) ; Sub-Collections: NIC BELL-CANADA; Clerk: MIKE;

LAC 8-MAR-75 13:29 32005

Request for directories for AFDSDC

This is a request for additional directories at afdsdc, as well as some changes to existing directories. The four requested in Para 2 of the message require quick coordination, in that they are required for a class Jeanne Beck is coming to GAFS to teach on 19 Mar, a week from Wednesday.

LAC 8-MAR-75 13:29 32005

Request for directories for AFDSDC

Greetings,
The following is a list of several new directories, changes to present directories, and corrections to the IDENT file for the GUNTER group. 1

Please set up the following directories for a class Jeanne Beck will be teaching at Gunter 19-21 Mar. This is the most time critical of the actions requested: 2

DSDC-SG 2a

INFORMATION FOR DIRECTORY REQUEST 2a1

Directory Name: DSDC-SG 2a1a

Account: 800 2a1b

Password: SGX 2a1c

Allocated Disk Pages: 300 2a1d

Default Protection: 775200 2a1e

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 2a2

Name: Roten, Sheila H 2a2a

Home Organization: GUNTER 2a2b

Phone: (205) 279-4705 2a2c

US Mail Address: 2a2d

Directorate of Medical Systems
Air Force Data Systems Design Center (BLD 857)
Gunter AFS, ALA 36114 2a2d1

Network Mailbox: DSDC-SG@Office-1 2a2e

NLS Mailbox: Office-1 2a2f

Delivery: Journal 2a2g

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 2a3

Name: Glover, Pennie A 2a3a

Request for directories for AFDSDC

Home Organization: GUNTER 2a3b

Phone: (205) 279-4262 2a3c

US Mail Address: 2a3d

Directorate of Medical Systems
Air Force Data Systems Design Center (BLD 857)
Gunter AFS, ALA 36114 2a3d1

Network Mailbox: DSDC-SG@Office-1 2a3e

NLS Mailbox: Office-1 2a3f

Delivery: Journal 2a3g

DSDC-PR 2b

INFORMATION FOR DIRECTORY REQUEST 2b1

Directory Name: DSDC-PR 2b1a

Account: 800 2b1b

Password: PRX 2b1c

Allocated Disk Pages: 400 2b1d

Default Protection: 775200 2b1e

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 2b2

Name: Pattillo, Cynthia F. 2b2a

Home Organization: GUNTER 2b2b

Phone: (205) 279-4168 2b2c

US Mail Address: 2b2d

Directorate of Programs and Resources
Air Force Data Systems Design Center (BLD 205)
Gunter AFS, ALA 36114 2b2d1

Network Mailbox: DSDC-PR@Office-1 2b2e

NLS Mailbox: Office-1 2b2f

Delivery: Journal 2b2g

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 2b3

Name: Wagner, Josephine V 2b3a

Home Organization: GUNTER 2b3b

Phone: (205) 279-4311 2b3c

US Mail Address: 2b3d

Directorate of Programs and Resources
Air Force Data Systems Design Center (BLD 205)
Gunter AFS, ALA 36114 2b3d1

Network Mailbox: DSDC-PR@Office-1 2b3e

NLS Mailbox: Office-1 2b3f

Delivery: Journal 2b3g

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 2b4

Name: Daffron, Betty 2b4a

Home Organization: GUNTER 2b4b

Phone: (205) 279-4193 2b4c

US Mail Address: 2b4d

Directorate of Programs and Resources
Air Force Data Systems Design Center (BLD 205)
Gunter AFS, ALA 36114 2b4d1

Network Mailbox: DSDC-PR@Office-1 2b4e

NLS Mailbox: Office-1 2b4f

Delivery: Journal 2b4g

DSDC-SYD 2c

INFORMATION FOR DIRECTORY REQUEST 2c1

Directory Name: DSDC-SYD 2c1a

Request for directories for AFDSDC

Account: 800 2c1b

Password: SYD 2c1c

Allocated Disk Pages: 400 2c1d

Default Protection: 775200 2c1e

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 2c2

Name: Pardo, Linda F. 2c2a

Home Organization: GUNTER 2c2b

Phone: (205) 279-4467 2c2c

US Mail Address: 2c2d

Standards and Technology Division(SYD)
Air Force Data Systems Design Center (BLD 310)
Gunter AFS, ALA 36114 2c2d1

Network Mailbox: DSDC-SYD@Office-1 2c2e

NLS Mailbox: Office-1 2c2f

Delivery: Journal 2c2g

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 2c3

Name: Griffith, Byron 2c3a

Home Organization: GUNTER 2c3b

Phone: (205) 279-4467 2c3c

US Mail Address: 2c3d

Standards and Technology Division(SYD)
Air Force Data Systems Design Center (BLD 310)
Gunter AFS, ALA 36114 2c3d1

Network Mailbox: DSDC-SYD@Office-1 2c3e

NLS Mailbox: Office-1 2c3f

Delivery: Journal 2c3g

Request for directories for AFDSDC

DSDC-SC 2d

INFORMATION FOR DIRECTORY REQUEST 2d1

Directory Name: DSDC-SC 2d1a

Account: 800 2d1b

Password: SCS 2d1c

Allocated Disk Pages: 200 2d1d

Default Protection: 775200 2d1e

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 2d2

Name: Foley, Patrick W 2d2a

Home Organization: GUNTER 2d2b

Phone: (205) 279-4890 2d2c

US Mail Address: 2d2d

Directorate of Systems Control
Air Force Data Systems Design Center (BLD 857)
Gunter AFS, ALA 36114 2d2d1

Network Mailbox: DSDC-SC@office-1 2d2e

NLS Mailbox: Office-1 2d2f

Delivery: Journal 2d2g

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 2d3

Name: Woodley, Ruth M 2d3a

Home Organization: GUNTER 2d3b

Phone: (205) 279-4744 2d3c

US Mail Address: 2d3d

Directorate of Systems Control
Air Force Data Systems Design Center (BLD 857)
Gunter AFS, ALA 36114 2d3d1

Network Mailbox: DSDC-SC@Office-1 2d3e

NLS Mailbox: Office-1 2d3f

Delivery: Journal 2d3g

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 2d4

Name: Henninger, Herb M. 2d4a

Home Organization: GUNTER 2d4b

Phone: (205) 279-4744 2d4c

US Mail Address: 2d4d

Directorate of Systems Control
Air Force Data Systems Design Center (BLD 857)
Gunter AFS, ALA 36114 2d4d1

Network Mailbox: DSDC-SC@Office-1 2d4e

NLS Mailbox: Office-1 2d4f

Delivery: Journal 2d4g

Please combine the MSTONE and ZIEBELL directories into a single larger directory to be known as DSDC-XF. Note also the change in the Mailing addressed (both hardcopy and net/journal) mail for the associated JMZ and MYS IDENT entries. In connection with this change, also change the size of ARIAIL to 150 disk pages, and change the hardcopy address to the same as JMZ. 3

DSDC-XF 3a

INFORMATION FOR DIRECTORY REQUEST 3a1

Directory Name: DSDC-XF 3a1a

Account: 800 3a1b

Password: XF 3a1c

Allocated Disk Pages: 500 3a1d

Default Protection: 775200 3a1e

Request for directories for AFDSDC

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 3a2

Name: Ziebell, June M (JMZ) 3a2a

Home Organization: GUNTER 3a2b

Phone: (205) 279-4709 3a2c

US Mail Address: 3a2d

Directorate of program Management (XF)
Air Force Data Systems Design Center (BLD 810)
Gunter AFS, ALA 36114 3a2d1

Network Mailbox: DSDC-XF@Office-1 3a2e

NLS Mailbox: Office-1 3a2f

Delivery: Journal 3a2g

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 3a3

Name: Stone, Mae Y. (MYS) 3a3a

Home Organization: GUNTER 3a3b

Phone: (205) 279-4709 3a3c

US Mail Address: 3a3d

Directorate of program Management (XF)
Air Force Data Systems Design Center (BLD 810)
Gunter AFS, ALA 36114 3a3d1

Network Mailbox: DSDC-XF@Office-1 3a3e

NLS Mailbox: Office-1 3a3f

Delivery: Journal 3a3g

Rename directory DSDC-SY to DSDC-SYO, increase allocation to 250 pages, 4

set up the following directory for general AFDSDC usage/testing/communicating: 5

INFORMATION FOR DIRECTORY REQUEST 5a

Request for directories for AFDSDC

Directory Name: AFDSDC 5a1

Account: 800 5a2

Password: GUNTER 5a3

Allocated Disk Pages: 50 5a4

Default Protection: 775252 5a5

INFORMATION FOR INDIVIDUAL IDENT ENTRY 5b

(No idents directly associated with this directory. If a 'user name' is required, use LAC info.) 5b1

Set up the following directory for Air University usage: 6

AU-ED 6a

INFORMATION FOR DIRECTORY REQUEST 6a1

Directory Name: AU-ED 6a1a

Account: 800 6a1b

Password: DCSED 6a1c

Allocated Disk Pages: 50 6a1d

Default Protection: 775200 6a1e

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 6a2

Name: Kreindler, Reidykin J. 6a2a

Home Organization: GUNTER 6a2b

Phone: (205) 293-7423 6a2c

US Mail Address: 6a2d

Hq Air University
DCS/Education
Bld 860
Maxwell AFB, Ala 36113 6a2d1

Network Mailbox: AU-ED@Office-1 6a2e

Request for directories for AFDSDC

NLS Mailbox: Office-1 6a2f

Delivery: Journal 6a2g

INFORMATION FOR INDIVIDUAL IDENT ENTRY (source: NIC requirement) 6a3

Name: Brazy, Joseph P. 6a3a

Home Organization: GUNTER 6a3b

Phone: (205) 293-7423 6a3c

US Mail Address: 6a3d

Hq Air University
DCS/Education
Bld 860
Maxwell AFB,Ala 36113 6a3d1

Network Mailbox: AU-ED@Office-1 6a3e

NLS Mailbox: Office-1 6a3f

Delivery: Journal 6a3g

Change Net and Journal Mailboxes for LAC to be CRAIN@Office-1 7

Well that should be enough to keep you busy for a while, I'll be back in about a week or so for one more dirctory (about 100 pages for use by some people in SF, CAL currently under contract to the NGMH/TRIMIS project- I need to get some more info before setting up that one, and plan to limit them to post 1400PST usage to reduce contention.) 8

LAC 8-MAR-75 13:29 32005

Request for directories for AFDSDC

(J32005) 8-MAR-75 13:29;;;; Title: Author(s): Lawrence A. Crain/LAC;
Distribution: /FEED([ACTION]) JCN([ACTION]) JMB([INFO-ONLY])
JBLL([INFO-ONLY]) WEC([INFO-ONLY]) AAB([INFO-ONLY]) ;
Sub-Collections: NIC; Clerk: LAC; Origin: < CRAIN,
GUNTER-DIRS,NLS;5, >, 8-MAR-75 13:16 LAC ;;;;####;

DAP 8-MAR-75 14:09 32006

Standard Operating Procedures

I don't know how extensively Susan discussed the question of how one goes about getting help in solving the problems which inevitably arise in using NLS. Obviously, I suppose, FEEDBACK and I are your primary sources. Personally, I don't care whether you go to her or me; what I would appreciate, though, is a copy of any official correspondance about the system. If you send something off to FEEDBACK, send a copy to me; if you send me a message about a problem you're having, send a copy to FEEDBACK. This will enable both of us to be aware of your progress and problems, and it will provide me with some of the data I need to be able to effectively evaluate our use of the system. 1

Another thing I'd like to know about is any difficulty you have in getting the chance to get on the system at all. This could be because the terminal was in use, or because someone else was logged in and the load was too high for offquota users to get in, or because of net trouble...whatever it is, send me a note so I can keep track. I don't know what mechanisms we'll need to coordinate the use of NLS by several different users scattered around ETS, so I'm leaving it loose for now. We'll work something out when and if it becomes necessary. I'll determine necessity on the basis of your messages to me, so...and make them messages or sendmail, too, don't just tell me in the hall or something. 2

Finally, if you have any suggestions on use of the system, useful developments, or anything else like that, both FEEDBACK and I should hear about it. 3

Standard Operating Procedures

(J32006) 8-MAR-75 14:09;;;; Title: Author(s): David A. Potter/DAP;
Distribution: /ETS([ACTION]) FEEDBACK([INFO-ONLY]) ;
Sub-Collections: NIC ETS FEEDBACK; Clerk: DAP;

Standard Operating Procedures

I don't know how extensively Susan discussed the question of how one goes about getting help in solving the problems which inevitably arise in using NLS. Obviously, I suppose, FEEDBACK and I are your primary sources. Personally, I don't care whether you go to her or me; what I would appreciate, though, is a copy of any official correspondance about the system. If you send something off to FEEDBACK, send a copy to me; if you send me a message about a problem you're having, send a copy to FEEDBACK. This will enable both of us to be aware of your progress and problems, and it will provide me with some of the data I need to be able to effectively evaluate our use of the system. 1

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Finally, if you have any suggestions on use of the system, useful developments, or anything else like that, both FEEDBACK and I should hear about it. 3

Standard Operating Procedures

(J32007) 9-MAR-75 11:33;;;; Title: Author(s): David A. Potter/DAP;
Distribution: /AMH([ACTION]) LCS([ACTION]) LTS([ACTION])
BJB([ACTION]) ETSP([ACTION]) MEL([ACTION]) RBE([ACTION])
BVH([ACTION]) EJA2([ACTION]) FEEDBACK([INFO-ONLY]) ;
Sub-Collections: NIC FEEDBACK; Clerk: DAP;

ILA 10-MAR-75 04:37 32008

got your message

Frank this is just to confirm that I got your message--thanks
Larry

1

ILA 10-MAR-75 04:37 32008

got your message

(J32008) 10-MAR-75 04:37;;;; Title: Author(s): I. Larry Avrunin/ILA; Distribution: /FGB([ACTION]) ; Sub-Collections: NIC; Clerk: ILA;

SMT 9-MAR-75 17:47 32009

The FIRSTAID Ident

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

1

SMT 9-MAR-75 17:47 32009

The FIRSTAID Ident

(J32009) 9-MAR-75 17:47;;;; Title: Author(s): Stan M. Taylor/SMT;
Distribution: /RMS2([ACTION]) SMT([ACTION]) FGB([ACTION])
DLS([ACTION]) ; SUb-Collections: NIC; Clerk: SMT;

DCE 9-MAR-75 17:51 32010

To FEED re Move Message problem

A problem with the latst version of the Message Subsystem, involving its temporary file, [MESSAGE].WORK;1. This Work file is created by renaming the MESSAGE,tXT;1 file, then a Copy Message is done from the Work file, after which the Work file is deleted (it then sits in the Deleted-file bin until the next Expunge operation). If the user has a long session, gets some more messages into his MESSAGE,TXT file, and tries to do another Move Message operation, he gets a "no such version" message (really, from trouble with the still-existent Work file, but the user thinks that there isn't a Message file). If he explicitly types the MESSAGE,TXT;1 operatnd, he is told that the Message file is "not moved because can't GTJFN for [MESSAGE].WORK;1" -- the only way he can do move message then is to expunge his direetory. I'd like to see the successive versions of the Work file stack up, preferably undeleted (for my taste). Some change seems called for. Regards, Doug

1

DCE 9-MAR-75 17:51 32010

To FEED re Move Message problem

(J32010) 9-MAR-75 17:51;;;; Title: Author(s): Douglas C. Engelbart/DCE; Distribution: /FEED([ACTION]) NDM([INFO-ONLY]) ; Sub-Collections: SRI-ARC; Clerk: DCE;

DLS 10-MAR-75 09:04 32011

All and RADC User Stats for JAN 75

Sorted by connect time

All and RADC User Stats for JAN 75

USE OF OFFICE-1, BY ORGANIZATION 1

	Week Ending	CPU (hrs)	Connect (hrs)	
Week ending	05-JAN-75	17,81	944,84	1c
ARC-MGT (380)	05-JAN-75	,00	,00	1c1
CONSULTANTS (90)	05-JAN-75	,00	,00	1c2
ENERGY (70)	05-JAN-75	,01	1,20	1c3
HUDSON (320)	05-JAN-75	,12	2,37	1c4
ARC-APPL (360)	05-JAN-75	,09	3,35	1c5
NICGUEST (840)	05-JAN-75	,08	4,16	1c6
ETS (340)	05-JAN-75	,13	8,27	1c7
MIT-SEISMIC (820)	05-JAN-75	,28	13,98	1c8
BELL (500)	05-JAN-75	,44	27,94	1c9
ARPA-NSW (880)	05-JAN-75	,51	33,37	1c10
ARPA (800)	05-JAN-75	,91	36,51	1c11
SRI (700)	05-JAN-75	1,56	38,04	1c12
ARC (30)	05-JAN-75	4,09	38,38	1c13
BRL (600)	05-JAN-75	,61	40,63	1c14
NSA (900)	05-JAN-75	1,06	41,92	1c15
RADC (400)	05-JAN-75	1,50	67,14	1c16
NSRDC (200)	05-JAN-75	1,40	73,61	1c17
TYMSHARE (20)	05-JAN-75	2,73	224,67	1c18
SYSTEM (10)	05-JAN-75	2,29	289,30	1c19

All and RADC User Stats for JAN 75

Week ending	12-JAN-75	14,38	922,60	1d
AFAA (440)	12-JAN-75	,00	,00	1d1
ARC-MGT (380)	12-JAN-75	,00	,00	1d2
ENERGY (70)	12-JAN-75	,06	3,06	1d3
NICGUEST (840)	12-JAN-75	,09	3,14	1d4
HUDSON (320)	12-JAN-75	,14	8,81	1d5
ARC-APPL (360)	12-JAN-75	,18	9,30	1d6
MIT-SEISMIC (820)	12-JAN-75	,70	10,34	1d7
ETS (340)	12-JAN-75	,20	10,49	1d8
ARPA-NSW (880)	12-JAN-75	,40	21,33	1d9
SRI (700)	12-JAN-75	,62	27,53	1d10
BRL (600)	12-JAN-75	,59	33,67	1d11
ARC (30)	12-JAN-75	1,19	39,22	1d12
NSA (900)	12-JAN-75	,88	44,01	1d13
ARPA (800)	12-JAN-75	1,35	48,91	1d14
NSRDC (200)	12-JAN-75	1,33	55,52	1d15
BELL (500)	12-JAN-75	1,15	62,25	1d16
RADC (400)	12-JAN-75	2,30	89,17	1d17
ACCOUNT (220100)	12-JAN-75	,45	125,42	1d18
TYMSHARE (20)	12-JAN-75	,89	129,55	1d19
SYSTEM (10)	12-JAN-75	1,86	200,88	1d20

All and RADC User Stats for JAN 75

Week ending	18-JAN-75	27,31	1360,75	1e
AFAA (440)	18-JAN-75	,00	,00	1e1
ARC-MGT (380)	18-JAN-75	,00	,00	1e2
ENERGY (70)	18-JAN-75	,09	2,69	1e3
NICGUEST (840)	18-JAN-75	,11	5,45	1e4
ETS (340)	18-JAN-75	,25	11,86	1e5
ARPA-NSW (880)	18-JAN-75	,27	18,16	1e6
HUDSON (320)	18-JAN-75	,35	21,84	1e7
ARC-APPL (360)	18-JAN-75	,73	22,27	1e8
MIT-SEISMIC (820)	18-JAN-75	1,15	22,41	1e9
SRI (700)	18-JAN-75	1,04	30,63	1e10
NSA (900)	18-JAN-75	1,07	42,55	1e11
ACCOUNT (220100)	18-JAN-75	,52	50,56	1e12
BRL (600)	18-JAN-75	,89	54,03	1e13
ARPA (800)	18-JAN-75	1,19	62,09	1e14
ARC (30)	18-JAN-75	2,51	70,91	1e15
BELL (500)	18-JAN-75	1,68	72,71	1e16
NSRDC (200)	18-JAN-75	1,89	91,16	1e17
RADC (400)	18-JAN-75	2,19	111,70	1e18
TYMSHARE (20)	18-JAN-75	6,07	229,38	1e19
SYSTEM (10)	18-JAN-75	5,31	440,35	1e20

All and RADC User Stats for JAN 75

DLS 10-MAR-75 09:04 32011

Week ending	25-JAN-75	24,28	1501,60	1f
AFAA (440)	25-JAN-75	,00	,00	1f1
ARC-MGT (380)	25-JAN-75	,00	,00	1f2
ENERGY (70)	25-JAN-75	,01	,04	1f3
NICGUEST (840)	25-JAN-75	,08	3,53	1f4
HUDSON (320)	25-JAN-75	,13	6,24	1f5
ARC-APPL (360)	25-JAN-75	,29	11,73	1f6
MIT-SEISMIC (820)	25-JAN-75	1,09	18,94	1f7
ARPA-NSW (880)	25-JAN-75	,31	23,38	1f8
ETS (340)	25-JAN-75	,44	24,62	1f9
SRI (700)	25-JAN-75	1,06	29,85	1f10
NSRDC (200)	25-JAN-75	,74	33,51	1f11
ACCOUNT (220100)	25-JAN-75	,52	50,56	1f12
ARC-UTIL (30)	25-JAN-75	1,86	61,93	1f13
NSA (900)	25-JAN-75	1,64	65,41	1f14
BELL (500)	25-JAN-75	3,68	90,39	1f15
ARPA (800)	25-JAN-75	1,35	95,80	1f16
BRL (600)	25-JAN-75	1,02	110,75	1f17
RADC (400)	25-JAN-75	3,66	151,81	1f18
TYMSHARE (20)	25-JAN-75	2,58	311,32	1f19
SYSTEM (10)	25-JAN-75	3,82	411,79	1f20

USE OF OFFICE-1, BY RADC 2

	Week Ending	CPU (hrs)	Connect (hrs)	
RADC 25-JAN-75 thru 05-JAN-75		9.65	419.82	2c
RADC (400)	05-JAN-75	1.50	67.14	2c1
BARNUM	05-JAN-75	.00	.04	2c1a
DECONDE	05-JAN-75	.00	.04	2c1b
RWALKER	05-JAN-75	.00	.05	2c1c
LIUZZI	05-JAN-75	.00	.06	2c1d
LAWRENCE	05-JAN-75	.00	.14	2c1e
STINSON	05-JAN-75	.00	.14	2c1f
TOMAINI	05-JAN-75	.01	.28	2c1g
LORETO	05-JAN-75	.02	.73	2c1h
PATTERSON	05-JAN-75	.02	.96	2c1i
WWMCCS	05-JAN-75	.02	1.31	2c1j
SLIWA	05-JAN-75	.03	1.57	2c1k
CARRIER	05-JAN-75	.02	1.66	2c1l
MCNAMARA	05-JAN-75	.03	2.53	2c1m
RZEPKA	05-JAN-75	.09	3.25	2c1n
HILBING	05-JAN-75	.08	3.29	2c1o
LOMBARDO	05-JAN-75	.05	3.44	2c1p
WINGFIELD	05-JAN-75	.08	3.52	2c1q
LAFORGE	05-JAN-75	.13	4.53	2c1r
CAVANO	05-JAN-75	.15	4.60	2c1s
PANARA	05-JAN-75	.13	5.08	2c1t

All and RADC User Stats for JAN 75

KRUTZ	05-JAN-75	,21	13,67	2c1u
STONE	05-JAN-75	,43	16,25	2c1v

All and RADC User Stats for JAN 75

RADC (400)	12-JAN-75	2,30	89,17	2c2
BUCCIERO	12-JAN-75	,00	,01	2c2a
LAWRENCE	12-JAN-75	,00	,05	2c2b
WWMCCS	12-JAN-75	,00	,06	2c2c
RWALKER	12-JAN-75	,01	,22	2c2d
BARNUM	12-JAN-75	,01	,26	2c2e
TOMAINI	12-JAN-75	,01	,26	2c2f
KESSELMAN	12-JAN-75	,01	,42	2c2g
LIUZZI	12-JAN-75	,01	,45	2c2h
STINSON	12-JAN-75	,00	,50	2c2i
LORETO	12-JAN-75	,01	,78	2c2j
IUORNO	12-JAN-75	,00	,93	2c2k
HILBING	12-JAN-75	,02	1,66	2c2l
MCNAMARA	12-JAN-75	,02	2,70	2c2m
WINGFIELD	12-JAN-75	,06	3,62	2c2n
CAVANO	12-JAN-75	,08	4,11	2c2o
BERGSTROM	12-JAN-75	,08	4,47	2c2p
LAFORGE	12-JAN-75	,15	5,49	2c2q
PANARA	12-JAN-75	,24	7,55	2c2r
KENNEDY	12-JAN-75	,36	9,52	2c2s
KRUTZ	12-JAN-75	,29	13,41	2c2t
STONE	12-JAN-75	,38	14,93	2c2u
CARRIER	12-JAN-75	,56	17,77	2c2v

All and RADC User Stats for JAN 75

RADC (400)	18-JAN-75	2,19	111,70	2c3
IUORNC	18-JAN-75	,00	,02	2c3a
SLIWA	18-JAN-75	,00	,04	2c3b
KESSELMAN	18-JAN-75	,01	,26	2c3c
LORETO	18-JAN-75	,01	,60	2c3d
RZEPKA	18-JAN-75	,00	,64	2c3e
STONE	18-JAN-75	,02	1,10	2c3f
RWALKER	18-JAN-75	,03	1,51	2c3g
BARNUM	18-JAN-75	,02	1,52	2c3h
TOMAINI	18-JAN-75	,02	1,97	2c3i
WWMCCS	18-JAN-75	,02	2,10	2c3j
CAVANO	18-JAN-75	,07	2,15	2c3k
STINSON	18-JAN-75	,03	2,16	2c3l
PATTERSON	18-JAN-75	,02	2,26	2c3m
LAFORGE	18-JAN-75	,11	2,78	2c3n
KENNEDY	18-JAN-75	,17	4,21	2c3o
PANARA	18-JAN-75	,19	5,36	2c3p
BERGSTROM	18-JAN-75	,17	6,67	2c3q
MCNAMARA	18-JAN-75	,06	6,90	2c3r
LAWRENCE	18-JAN-75	,17	9,71	2c3s
HILBING	18-JAN-75	,14	10,06	2c3t
WINGFIELD	18-JAN-75	,20	11,15	2c3u
KRUTZ	18-JAN-75	,22	12,18	2c3v
CARRIER	18-JAN-75	,51	26,35	2c3w

RADC (400)	25-JAN-75	3,66	151,81	2c4
BARNUM	25-JAN-1	,00	,02	2c4a
IUORNC	25-JAN-1	,00	,03	2c4b
MCNAMARA	25-JAN-1	,00	,10	2c4c
SLIWA	25-JAN-1	,01	,11	2c4d
KESSELMAN	25-JAN-1	,01	,23	2c4e
LAWRENCE	25-JAN-1	,02	,34	2c4f
LORETO	25-JAN-1	,01	,44	2c4g
RWALKER	25-JAN-1	,00	,47	2c4h
PETELL	25-JAN-1	,01	,56	2c4i
LOMBARDO	25-JAN-1	,01	,89	2c4j
NELSON	25-JAN-1	,04	1,66	2c4k
STINSON	25-JAN-1	,02	1,80	2c4l
LIUZZI	25-JAN-1	,02	2,70	2c4m
BERGSTROM	25-JAN-1	,07	3,52	2c4n
WWMCCS	25-JAN-1	,04	3,65	2c4o
PATTERSON	25-JAN-1	,02	4,67	2c4p
LAFORGE	25-JAN-1	,17	4,71	2c4q
KRUTZ	25-JAN-1	,06	6,81	2c4r
HILBING	25-JAN-1	,14	7,35	2c4s
KENNEDY	25-JAN-1	,33	9,83	2c4t
PANARA	25-JAN-1	,34	11,14	2c4u
CAVANO	25-JAN-1	,35	11,82	2c4v
WINGFIELD	25-JAN-1	,15	12,17	2c4w
STONE	25-JAN-1	,79	20,31	2c4x

All and RADC User Stats for JAN 75

TOMAINI	25-JAN-1	,26	21,24	2c4y
CARRIER	25-JAN-1	,79	25,24	2c4z

DLS 10-MAR-75 09:04 32011

All and RADC User Stats for JAN 75

(J32011) 10-MAR-75 09:04;;;; Title: Author(s): Duane L. Stone/DLS;
Sub-Collections: RADC; Clerk: DLS;

DLS 10-MAR-75 09:13 32012

Weekly User Stats,,JUL 74-DEC 74

No individual Stats for RADC

Weekly User Stats,,JUL 74-DEC 74

< STONE, STATS,NLS;1, >, 20-JAN-75 13:46 DLS ;;;;

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU	
SUMMARY TOTALS		301.13	11462.79	38	1a
ARC		26.45	1217.49	46	1a1
ARPA		26.37	1720.84	65	1a2
BELL CANADA		38.17	1819.75	48	1a3
BRL		5.69	261.03	46	1a4
ENERGY		9.37	290.40	31	1a5
ETS CBI		4.52	220.46	49	1a6
HUDSON		2.71	187.27	69	1a7
MIT SEISMIC		8.17	343.67	42	1a8
NICUSERS		3.70	141.26	38	1a9
NSA		21.72	944.78	43	1a10
NSRDC		16.83	828.49	49	1a11
NSW		10.48	466.36	44	1a12
RADC		112.38	2858.94	25	1a13
SRI		4.69	161.92	35	1a14
ARC---TOTALS---		26.45	1217.49		1b
ARC	7/ 6/74	.56	20.31		1b1
ARC	7/13/74	1.65	35.87		1b2
ARC	7/20/74	1.08	48.10		1b3
ARC	7/27/74	.68	20.64		1b4
ARC	8/ 3/74	1.48	44.96		1b5
ARC	8/10/74	1.07	23.87		1b6
ARC	8/17/74	.88	24.76		1b7
ARC	8/24/74	1.44	37.24		1b8

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU
ARC	8/31/74	.80	31.25	1b9
ARC	9/ 7/74	1.18	61.65	1b10
ARC	9/14/74	1.05	74.53	1b11
ARC	9/21/74	1.44	51.20	1b12
ARC	9/28/74	1.51	44.59	1b13
ARC	10/ 5/74	1.60	62.84	1b14
ARC	10/12/74	1.90	54.45	1b15
ARC	10/19/74	1.44	57.41	1b16
ARC	10/26/74	2.53	118.37	1b17
ARC	11/ 2/74	2.12	75.42	1b18
ARC	11/ 9/74	2.42	125.31	1b19
ARC	11/16/74	.76	28.69	1b20
ARC	11/23/74	1.45	51.63	1b21
ARC	11/30/74	1.11	51.20	1b22
ARC	12/ 7/74	1.78	73.20	1b23
ARPA---TOTALS---		26.37	1720.84	1c
ARPA	7/ 6/74	.30	6.01	1c1
ARPA	7/13/74	1.33	52.22	1c2
ARPA	7/20/74	1.31	50.70	1c3
ARPA	7/27/74	.82	37.25	1c4
ARPA	8/ 3/74	.66	20.85	1c5
ARPA	8/10/74	1.22	46.49	1c6
ARPA	8/17/74	.55	34.77	1c7
ARPA	8/24/74	.86	34.45	1c8

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU	
ARPA	8/31/74	1.74	91.39		1c9
ARPA	9/ 7/74	1.08	62.49		1c10
ARPA	9/14/74	2.47	129.26		1c11
ARPA	9/21/74	2.55	131.97		1c12
ARPA	9/28/74	1.91	103.60		1c13
ARPA	10/ 5/74	2.56	132.87		1c14
ARPA	10/12/74	2.25	121.99		1c15
ARPA	10/19/74	1.28	90.99		1c16
ARPA	10/26/74	1.52	80.28		1c17
ARPA	11/ 2/74	2.23	195.21		1c18
ARPA	11/ 9/74	1.45	124.53		1c19
ARPA	11/16/74	.19	8.08		1c20
ARPA	11/23/74	.66	42.11		1c21
ARPA	11/30/74	1.07	63.53		1c22
ARPA	12/ 7/74	.82	59.80		1c23
BELL CANADA---TOTALS---		38.17	1819.75		1d
BELL	7/ 6/74	.65	32.11		1d1
BELL CANADA	7/13/74	1.02	45.83		1d2
BELL CANADA	7/20/74	2.53	101.62		1d3
BELL CANADA	7/27/74	1.65	59.08		1d4
BELL CANADA	8/ 3/74	.64	22.75		1d5
BELL CANADA	8/10/74	.89	64.84		1d6
BELL CANADA	8/17/74	2.65	118.13		1d7
BELL CANADA	8/24/74	2.97	100.17		1d8

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU
BELL CANADA	8/31/74	3.09	102.51	1d9
BELL CANADA	9/ 7/74	2.91	126.19	1d10
BELL CANADA	9/14/74	3.30	108.89	1d11
BELL CANADA	9/21/74	1.74	84.37	1d12
BELL CANADA	9/28/74	2.03	123.85	1d13
BELL CANADA	10/ 5/74	2.41	115.12	1d14
BELL CANADA	10/12/74	1.87	76.27	1d15
BELL CANADA	10/19/74	.81	49.76	1d16
BELL CANADA	10/26/74	.95	55.58	1d17
BELL CANADA	11/ 2/74	1.09	99.25	1d18
BELL CANADA	11/ 9/74	1.24	82.58	1d19
BELL CANADA	11/16/74	.27	11.10	1d20
BELL CANADA	11/23/74	.93	63.11	1d21
BELL CANADA	11/30/74	1.02	91.50	1d22
BELL CANADA	12/ 7/74	1.51	85.14	1d23
BRL---TOTALS---		5.69	261.03	1e
BRL	7/ 6/74	.11	2.93	1e1
BRL	7/13/74	.17	6.02	1e2
BRL	7/20/74	.15	5.72	1e3
BRL	7/27/74	.03	1.23	1e4
BRL	8/ 3/74	.02	.53	1e5
BRL	8/10/74	.02	.43	1e6
BRL	8/17/74	.12	2.20	1e7
BRL	8/24/74	.02	.30	1e8

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU
BRL	8/31/74	.24	4.78	1e9
BRL	9/ 7/74	.18	9.72	1e10
BRL	9/14/74	.12	3.22	1e11
BRL	9/21/74	.38	11.54	1e12
BRL	9/28/74	.43	15.98	1e13
BRL	10/ 5/74	.49	12.87	1e14
BRL	10/12/74	.18	6.23	1e15
BRL	10/19/74	.07	2.50	1e16
BRL	10/26/74	.51	55.07	1e17
BRL	11/ 2/74	.27	16.01	1e18
BRL	11/ 9/74	.38	19.16	1e19
BRL	11/16/74	.23	10.56	1e20
BRL	11/23/74	.56	28.67	1e21
BRL	11/30/74	.31	13.74	1e22
BRL	12/ 7/74	.70	31.62	1e23
ENERGY---TOTALS---		9.37	290.40	1f
ENERGY	7/ 6/74	.20	5.50	1f1
ENERGY	7/13/74	1.00	22.95	1f2
ENERGY	7/20/74	1.06	24.24	1f3
ENERGY	7/27/74	.43	9.17	1f4
ENERGY	8/ 3/74	.26	4.64	1f5
ENERGY	8/10/74	.30	7.11	1f6
ENERGY	8/17/74	.30	5.66	1f7
ENERGY	8/24/74	.74	12.56	1f8

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU
ENERGY	8/31/74	.15	6.03	1f9
ENERGY	9/ 7/74	.18	4.28	1f10
ENERGY	9/14/74	.31	10.17	1f11
ENERGY	9/21/74	.36	20.55	1f12
ENERGY	9/28/74	.63	21.03	1f13
ENERGY	10/ 5/74	.63	18.11	1f14
ENERGY	10/12/74	.41	15.42	1f15
ENERGY	10/19/74	.49	17.66	1f16
ENERGY	10/26/74	.58	24.59	1f17
ENERGY	11/ 2/74	.50	22.58	1f18
ENERGY	11/ 9/74	.27	17.13	1f19
ENERGY	11/16/74	.09	2.10	1f20
ENERGY	11/23/74	.11	4.21	1f21
ENERGY	11/30/74	.22	7.75	1f22
ENERGY	12/ 7/74	.15	6.96	1f23
ETS CBI---TOTALS---		4.52	220.46	1g
ETS CBI	7/13/74	.00	.35	1g1
ETS CBI	7/20/74	.03	2.75	1g2
ETS CBI	7/27/74	.21	10.67	1g3
ETS CBI	8/ 3/74	.08	6.40	1g4
ETS CBI	8/10/74	.06	2.88	1g5
ETS CBI	8/17/74	.08	6.21	1g6
ETS CBI	8/24/74	.02	1.00	1g7
ETS CBI	8/31/74	.26	9.32	1g8

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU
ETS CBI	9/ 7/74	.12	5.89	1g9
ETS CBI	9/14/74	.11	3.17	1g10
ETS CBI	9/21/74	.50	23.26	1g11
ETS CBI	9/28/74	.12	6.99	1g12
ETS CBI	10/ 5/74	.27	12.37	1g13
ETS CBI	10/12/74	.34	16.30	1g14
ETS CBI	10/19/74	.10	4.95	1g15
ETS CBI	10/26/74	.02	1.48	1g16
ETS CBI	11/ 2/74	.28	11.29	1g17
ETS CBI	11/ 9/74	.46	22.64	1g18
ETS CBI	11/16/74	.07	4.53	1g19
ETS CBI	11/23/74	.24	15.16	1g20
ETS CBI	11/30/74	.34	17.94	1g21
ETS CBI	12/ 7/74	.81	34.91	1g22
HUDSON---TOTALS---		2.71	187.27	1h
HUDSON	8/ 3/74	.20	13.74	1h1
HUDSON	8/10/74	.16	14.85	1h2
HUDSON	8/17/74	.09	3.80	1h3
HUDSON	8/24/74	.13	6.17	1h4
HUDSON	8/31/74	.02	.64	1h5
HUDSON	9/ 7/74	.06	2.45	1h6
HUDSON	9/14/74	.25	8.35	1h7
HUDSON	9/21/74	.39	25.87	1h8
HUDSON	9/28/74	.16	6.87	1h9

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU
HUDSON	10/ 5/74	.44	27.84	1h10
HUDSON	10/12/74	.45	42.94	1h11
HUDSON	10/19/74	.10	13.24	1h12
HUDSON	11/ 2/74	.03	.67	1h13
HUDSON	11/ 9/74	.13	14.42	1h14
HUDSON	11/16/74	.02	.54	1h15
HUDSON	11/23/74	.05	1.21	1h16
HUDSON	11/30/74	.01	.44	1h17
HUDSON	12/ 7/74	.02	3.23	1h18
MIT SEISMIC---TOTALS---		8.17	343.67	1i
MIT SEISMIC	7/ 6/74	.97	4.86	1i1
MIT SEISMIC	7/13/74	.31	15.36	1i2
MIT SEISMIC	7/20/74	.77	25.50	1i3
MIT SEISMIC	7/27/74	.51	19.57	1i4
MIT SEISMIC	8/ 3/74	.51	18.35	1i5
MIT SEISMIC	8/10/74	.13	5.98	1i6
MIT SEISMIC	8/17/74	.01	.29	1i7
MIT SEISMIC	8/24/74	.04	1.83	1i8
MIT SEISMIC	8/31/74	.06	1.49	1i9
MIT SEISMIC	9/ 7/74	.09	4.12	1i10
MIT SEISMIC	9/14/74	.04	2.32	1i11
MIT SEISMIC	9/21/74	.32	11.46	1i12
MIT SEISMIC	9/28/74	.50	31.97	1i13
MIT SEISMIC	10/ 5/74	.69	38.98	1i14

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU
MIT SEISMIC	10/12/74	.31	14.91	1115
MIT SEISMIC	10/19/74	.41	19.43	1116
MIT SEISMIC	10/26/74	.33	15.97	1117
MIT SEISMIC	11/ 2/74	.41	19.90	1118
MIT SEISMIC	11/ 9/74	.40	21.11	1119
MIT SEISMIC	11/16/74	.21	9.17	1120
MIT SEISMIC	11/23/74	.31	25.24	1121
MIT SEISMIC	11/30/74	.39	14.13	1122
MIT SEISMIC	12/ 7/74	.45	21.73	1123
NICUSERS---TOTALS---		3.70	141.26	1j
NICUSERS	7/ 6/74	.36	10.35	1j1
NICUSERS	7/13/74	.31	15.17	1j2
NICUSERS	7/20/74	.42	13.01	1j3
NICUSERS	7/27/74	.33	12.58	1j4
NICUSERS	8/ 3/74	.11	3.10	1j5
NICUSERS	8/10/74	.14	3.49	1j6
NICUSERS	8/17/74	.05	1.63	1j7
NICUSERS	8/24/74	.16	5.92	1j8
NICUSERS	8/31/74	.08	1.90	1j9
NICUSERS	9/ 7/74	.14	4.63	1j10
NICUSERS	9/14/74	.07	3.18	1j11
NICUSERS	9/21/74	.08	3.67	1j12
NICUSERS	9/28/74	.02	.74	1j13
NICUSERS	10/ 5/74	.04	1.70	1j14

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU
NICUSERS	10/12/74	.15	6.30	1j15
NICUSERS	10/19/74	.09	3.71	1j16
NICUSERS	10/26/74	.37	24.18	1j17
NICUSERS	11/ 2/74	.22	7.34	1j18
NICUSERS	11/ 9/74	.10	3.99	1j19
NICUSERS	11/16/74	.05	1.61	1j20
NICUSERS	11/23/74	.07	3.29	1j21
NICUSERS	11/30/74	.24	6.74	1j22
NICUSERS	12/ 7/74	.10	3.03	1j23
NSA---TOTALS---		21.72	944.78	1k
NSA	7/ 6/74	.44	16.51	1k1
NSA	7/13/74	.87	38.57	1k2
NSA	7/20/74	1.17	53.90	1k3
NSA	7/27/74	.91	38.22	1k4
NSA	8/ 3/74	1.57	60.58	1k5
NSA	8/10/74	1.35	64.22	1k6
NSA	8/17/74	1.02	40.70	1k7
NSA	8/24/74	.45	24.81	1k8
NSA	8/31/74	1.10	43.76	1k9
NSA	9/ 7/74	.61	24.34	1k10
NSA	9/14/74	.81	32.45	1k11
NSA	9/21/74	.61	26.56	1k12
NSA	9/28/74	1.05	40.49	1k13
NSA	10/ 5/74	1.72	63.00	1k14

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU
NSA	10/12/74	1.17	50.43	1K15
NSA	10/19/74	1.44	54.27	1K16
NSA	10/26/74	.95	65.98	1K17
NSA	11/ 2/74	.98	47.58	1K18
NSA	11/ 9/74	.87	41.77	1K19
NSA	11/16/74	.29	13.11	1K20
NSA	11/23/74	.91	31.80	1K21
NSA	11/30/74	.67	28.35	1K22
NSA	12/ 7/74	.76	43.38	1K23
NSRDC---TOTALS---		16.83	828.49	11
NSRDC	7/20/74	.08	2.60	111
NSRDC	7/27/74	.00	.02	112
NSRDC	8/ 3/74	.48	23.74	113
NSRDC	8/10/74	.40	16.95	114
NSRDC	8/17/74	.09	7.07	115
NSRDC	8/24/74	.84	37.51	116
NSRDC	8/31/74	.91	46.56	117
NSRDC	9/ 7/74	.91	42.19	118
NSRDC	9/14/74	.53	24.12	119
NSRDC	9/21/74	.85	38.91	1110
NSRDC	9/28/74	.41	19.31	1111
NSRDC	10/ 5/74	.57	26.05	1112
NSRDC	10/12/74	2.12	110.79	1113
NSRDC	10/19/74	.49	31.81	1114

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU
NSRDC	10/26/74	.67	52.96	1115
NSRDC	11/ 2/74	1.23	62.00	1116
NSRDC	11/ 9/74	1.08	63.92	1117
NSRDC	11/16/74	.29	17.43	1118
NSRDC	11/23/74	1.92	73.78	1119
NSRDC	11/30/74	1.08	40.74	1120
NSRDC	12/ 7/74	1.88	90.03	1121
NSW---TOTALS---		10.48	466.36	1m
NSW	7/ 6/74	.28	7.99	1m1
NSW	7/13/74	.12	4.04	1m2
NSW	7/20/74	.60	29.56	1m3
NSW	7/27/74	.62	28.25	1m4
NSW	8/ 3/74	.64	24.94	1m5
NSW	8/10/74	.33	12.03	1m6
NSW	8/17/74	.54	17.51	1m7
NSW	8/24/74	.24	14.27	1m8
NSW	8/31/74	.43	18.35	1m9
NSW	9/ 7/74	.39	19.72	1m10
NSW	9/14/74	.23	12.27	1m11
NSW	9/21/74	.18	9.67	1m12
NSW	9/28/74	.30	17.76	1m13
NSW	10/ 5/74	.71	23.56	1m14
NSW	10/12/74	.19	11.84	1m15
NSW	10/19/74	.22	11.79	1m16

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU
NSW	10/26/74	.21	14.37	1m17
NSW	11/ 2/74	.30	17.17	1m18
NSW	11/ 9/74	1.70	62.48	1m19
NSW	11/16/74	.34	17.80	1m20
NSW	11/23/74	.44	26.36	1m21
NSW	11/30/74	.48	21.99	1m22
NSW	12/ 7/74	.99	42.64	1m23
RADC---TOTALS---		112.38	2858.94	1n
RADC	7/ 6/74	4.05	105.41	1n1
RADC	7/13/74	5.97	179.30	1n2
RADC	7/20/74	10.61	192.30	1n3
RADC	7/27/74	6.44	169.80	1n4
RADC	8/ 3/74	5.25	125.12	1n5
RADC	8/10/74	3.58	96.07	1n6
RADC	8/17/74	5.29	109.30	1n7
RADC	8/24/74	4.19	96.21	1n8
RADC	8/31/74	2.65	65.78	1n9
RADC	9/ 7/74	5.07	130.95	1n10
RADC	9/14/74	5.34	146.12	1n11
RADC	9/21/74	3.83	125.23	1n12
RADC	9/28/74	3.39	103.13	1n13
RADC	10/ 5/74	4.36	120.61	1n14
RADC	10/12/74	3.83	111.61	1n15
RADC	10/19/74	5.26	104.06	1n16

USER STATS, BY ORGANIZATION

ORGANIZATION		CPU (HRS)	CON (HRS)	CON/CPU
RADC	10/26/74	6,04	128,34	1n17
RADC	11/ 2/74	3,26	110,00	1n18
RADC	11/ 9/74	8,42	178,01	1n19
RADC	11/16/74	1,85	77,41	1n20
RADC	11/23/74	6,24	143,09	1n21
RADC	11/30/74	3,41	109,02	1n22
RADC	12/ 7/74	4,05	132,07	1n23
SRI---TOTALS---		4,69	161,92	1o
SRI	9/ 7/74	,00	,01	1o1
SRI	9/14/74	,04	,93	1o2
SRI	9/21/74	,20	7,46	1o3
SRI	9/28/74	,02	,54	1o4
SRI	10/ 5/74	,05	1,20	1o5
SRI	10/12/74	,10	2,07	1o6
SRI	10/19/74	,34	15,66	1o7
SRI	10/26/74	,25	11,86	1o8
SRI	11/ 2/74	,45	11,89	1o9
SRI	11/ 9/74	,86	30,88	1o10
SRI	11/16/74	,50	13,50	1o11
SRI	11/23/74	,46	18,82	1o12
SRI	11/30/74	,79	24,47	1o13
SRI	12/ 7/74	,63	22,63	1o14
TOTAL:---TOTALS---		301,13	11462,79	1p
crosscheck		291,25	11462,66	1p1

USER STATS, BY ORGANIZATION

ORGANIZATION	CPU (HRS)	CON (HRS)	CON/CPU
TOTAL:	7.91	211.98	1p2
TOTAL:	12.74	415.68	1p3
TOTAL:	19.81	550.00	1p4
TOTAL:	12.63	406.49	1p5
TOTAL:	11.89	369.70	1p6
TOTAL:	9.65	359.22	1p7
TOTAL:	11.67	372.04	1p8
TOTAL:	12.11	372.45	1p9
TOTAL:	11.52	423.78	1p10
TOTAL:	12.93	498.63	1p11
TOTAL:	14.67	558.98	1p12
TOTAL:	13.42	571.74	1p13
TOTAL:	12.49	536.86	1p14
TOTAL:	16.53	657.12	1p15
TOTAL:	15.25	641.55	1p16
TOTAL:	12.53	477.25	1p17
TOTAL:	14.93	649.02	1p18
TOTAL:	13.37	696.32	1p19
TOTAL:	19.78	807.95	1p20
TOTAL:	5.17	215.65	1p21
TOTAL:	14.34	528.48	1p22
TOTAL:	11.13	491.53	1p23
TOTAL:	14.66	650.37	1p24

DLS 10-MAR-75 09:13 32012

Weekly User Stats,,JUL 74-DEC 74

(J32012) 10-MAR-75 09:13;;;; Title: Author(s): Duane L. Stone/DLS;
Sub-Collections: RADC; Clerk: DLS;

JMB 10-MAR-75 09:24 32013

The documentation notebook distributed at KWAC meeting included a mysterious DEX document

7-MAR-75 1017-PDT BECK: The documentation notebook distributed at KWAC meeting included a mysterious DEX document
Distribution: BAIR, FEEDBACK, HARDY, norton, vannouhuys
Received at: 7-MAR-75 10:17:33 1

The notebook included the "Deferred Execution (DEX) User Guide". Connie McLindon gave her copy to PLynch of Keydata to test devices for her furture use of DEX. Phil and I read it and tried to make a DEXable file per those instructions. However, when DEX did work, it did not seem to have heard of that inputting syntax. We found the DEX Primer--the system for inputting that it describes, totally different, does make a file that DEX properly reads, that is if the DEX program works at all (Of
n it fails to process a file or do anything; sometimes it works). What is the story on these two differet DEX programs; it seems to me that everyone was given a totally useless document. Some of you may also hear about DEX problems from Connie; which I hope will stimulate customer services on DEX which satisfy the customers (sometimes a heavy job).
Incidently, if you give the DEX command in o-1 TENEX, you get an echo in there which says DEX 1.5. 1a

JMB 10-MAR-75 09:24 32013

The documentation notebook distributed at KWAC meeting included a mysterious DEX document

(J32013) 10-MAR-75 09:24;;;; Title: Author(s): Jeanne M. Beck/JMB; Distribution: /HGL([ACTION]) JOAN([ACTION] dpcs noteboom please) DVN([INFO-ONLY]) JMB([INFO-ONLY] Itook the liberty of journalizing this so I could have a copy at BBN and so it would go to HGL) ; Sub-Collections: DPCS SRI-ARC; Clerk: DVN;

CAG2 10-MAR-75 13:43 32014

'????'

Why are response times so slow currently? The system is awkward as hell to use. Frustrating,too. If I were a commercial user instead of an SRI-utility slot user, I would refuse to pay for such poor service!What are you people doing or not doing?

Also what exactly is the new login procedure for a teletype? It seems that it is close to impossible to even get on the damn system using a phone-line. All I get as response to a "33cont 1

"????"

(J32014) 10-MAR-75 13:43;;;; Title: Author(s): Carolyn A. Grimm/CAG2; Distribution: /FEEDBACK([ACTION]) SDP([INFO-ONLY]) CAG([INFO-ONLY]) ; Sub-Collections: NIC FEEDBACK; Clerk: CAG2;

"3cont

CAG2 10-MAR-75 13:45 32015

(J32015) 10-MAR-75 13:45;;;; Title: Author(s): Carolyn A. Grimm/CAG2; Sub-Collections: NIC; Clerk: CAG2;

KLM 10-MAR-75 15:25 32016

REQUEST TO BE ADDED TO MAILING LIST

Please add the following idents to the distribution list for documents of KWAC: KLM and GAS2. Thank you. 1

KLM 10-MAR-75 15:25 32016

REQUEST TO BE ADDED TO MAILING LIST

(J32016) 10-MAR-75 15:25;;;; Title: Author(s): Kathey L. Mabrey/KLM; Distribution: /JCN([ACTION]) KLM([INFO-ONLY]) GAS2([INFO-ONLY]) ; Sub-Collections: NIC; Clerk: KLM;

JMB 10-MAR-75 15:46 32017

DEX messages

A copy of my message about DEX went to Hardy & vanHouhuys because we at ARPA (Connie, myself, & Phil Lynch of Keydata) had been in touch with them during our attempts to find out how DEX properly works. 1

My message also served to warn people (like Norton) about Connie's subsequent message about DEX. Since she didn't send you a copy, one follows. 2

The DEX users guide is not actually out-of-date; it just describes a wholly different system than the one seemingly available. What you really want to update from Development's documentation is the DEX primer (as well as getting from them an explanation of why there are documents describing 2 different DEX systems). DEX is not working totally reliably from out here--read Connie's message: 3

7-MAR-75 1113-PDT MCLINDON at USC-ISI: FLAKEY DEX
Distribution: STONE AT OFFICE-1, BRIGNOLI AT OFFICE-1,, SHEPPARD AT OFFICE-1, RUGGLES AT OFFICE-1,, MATTIUZ AT OFFICE-1, PLACKO AT OFFICE-1,, UHLIG AT OFFICE-1, CARLSON, POTTER AT OFFICE-1, engelbart at office-1, norton at office-1, beck at office-1
Received at: 7-MAR-75 11:17:31 4

FOR AT LEAST SIX MONTHS I HAVE PURSUED INFORMATION ON THE USE OF DEX
SO THAT ARPA COULD GET GOING WITH THIS APPLICATION. IT WAS DIFFICULT TO
GET TANGIBLE DATA ON WHETHER DEX WOULD WORK, WHY IT WOULDN'T WORK VIA THE NET, ETC. FINALLY AT THE ARCHITECTS MEETING I WAS TOLD THAT THE BASIC PROBLEM WAS THE TIP.
--
WHEN I RETURNED FROM SRI I HAD KEYDATA (PHIL LYNCH) AND JEANNE BECK EXPLORE THE USE OF DEX AT ARPA. THE FOLLWOING IS A REPORT OF PHIL'S
FINDINGS:
7-MAR-75 09:18:37-PDT,1516;000000000000
Date: 7 MAR 1975 0911-PDT
From: PLYNCH
Subject: DEX REPORT
To: MCLINDON
cc: VANDERBURGH 4a

Connie-- 4b

I've spent a total of about 10 hours understanding DEX and CASSETTE and
trying to get those programs to work. Also, I spent about 8 hours with
BBN and Western Union trying to understand a "dropped character"

problem that suddenly just disappeared. This latter problem is definitely unrelated to the DEX/CASSETTE subsystems. 4c

Originally, CASSETTE was worthless to us because extremely slow network transmission led to dropped characters. Martin Hardy was able to cause some changes in CASSETTE, however, so that it's now usable, although throughput is atrocious. I never did get a copy of the source code, though. 4d

The first time Jeanne and I ever tried DEX it worked as the DEX Primer said it would. The next 6 times we tried, it failed completely, producing no NLS file at all. We then linked to Dirk Van Nouyhous, and were told by an associtae of his that "sometimes DEX works, and sometimes it doesn't". Van Nouyhous said he'd have Hardy get in touch with us. He hasn't yet. However, this very morning (3/7/75) I tried DEX again, and it worked! 4e

Altogether, it's difficult to be optimistic, but I think a marginally usable facility can be dredged out of all this. 4f

[Note: the version of DEX described in the DEX userguide is completely different from the DEX that actually exists at OFFICE-1. The Primer is correct, however.] 4g

--Phil-- 4h

--I THOUGHT OTHER ARCHITECTS COULD BENEFIT FROM ARPA'S EXPERIENCE IN ALL THIS,
CONNIE
INCIDENTALLY, THE DEX USERGUIDE PHIL REFERENCES AS OUT OF SYNCH IS THE MANUAL WE RECEIVED AT THE ARCHITECTS MEETING - IT IS IN THE BLAKC NOTEBOOK. 4i

Another related message from Phil Lynch: 5

DEX messages

7-MAR-75 0928-PDT VANDERBURGH: DEX
Distribution: FEEDBACK, plynch at isi, beck
Received at: 7-MAR-75 09:28:55 5a

What is with DEX? Sometimes it works, and sometimes it doesn't.
By "doesn't", I mean that on occasion when I try it, it produces no
NLS file or DEXWRK file at all. Immediately after I get "DEX 1.5
in progress", I am returned to Exec level, and nothing has happened. 5a1

In my experience, it works in the morning, but not the afternoon,
but my experience is limited. 5a2

Please respond to PLYNCH@ISI. 5a3

--Phil-- 5a4

This should bring you up-to-date on the DEX correspndence, and show how many people have been in the loop. 6

JMB 10-MAR-75 15:46 32017

DEX messages

(J32017) 10-MAR-75 15:46;;;; Title: Author(s): Jeanne M. Beck/JMB; Distribution: /JHB([INFO-ONLY]) ; Sub-Collections: SRI-ARC; Clerk: JMB;

Haiku

Cold rain falls
The bits scatter like shore birds
The Network makes exiles at home.

1

DVN 10-MAR-75 17:18 32018

Haiku

(J32018) 10-MAR-75 17:18;;;; Title: Author(s): Dirk H. Van Nouhuys/DVN; Distribution: /SGR([ACTION]) JML([ACTION]) JMB([ACTION]) JBP([INFO-ONLY]) POOH([INFO-ONLY]) PWO([INFO-ONLY]) HGL([INFO-ONLY]) NJN([INFO-ONLY]) KIRK([INFO-ONLY]) TLH([INFO-ONLY]) EKM([INFO-ONLY]) JAKE([INFO-ONLY]) JOAN([INFO-ONLY]) KJM([INFO-ONLY]) JDH([INFO-ONLY]) SLJ([INFO-ONLY]) LEG([INFO-ONLY]) PMK([INFO-ONLY]) DSM([INFO-ONLY]) ; Sub-Collections: SRI-ARC; Clerk: DVN;

title

This is a test of the journal system. 1

GAS2 10-MAR-75 18:44 32019

title

(J32019) 10-MAR-75 18:44;;;; Title: Author(s): Glenn A. Sherwood/GAS2; Distribution: /MAP2([ACTION]) GAS2([INFO-ONLY]) ; Sub-Collections: NIC; Clerk: GAS2;

JMB 10-MAR-75 19:03 32020

DNLS responsiveness: RE--25533,>

I would compare responsiveness of DNLS at both sites if I had a directory to use at BBNB, I was told that I wasn't supposed to use BBNB, but it would be nice if there was some directory there that User Services people could use for testing or emergency purposes. 1

JMB 10-MAR-75 19:03 32020

DNLS responsiveness: RE--25533,>

(J32020) 10-MAR-75 19:03;;;; Title: Author(s): Jeanne M. Beck/JMB;
Distribution: /CHI([ACTION]) SGR([ACTION]) ; Sub-Collections:
SRI-ARC; Clerk: JMB;