PERT style program

- - - -   1

Jake,   2

I have recently uncovered your msg 21973   3

2/15/74 15:56 from my pile of neglected mail.   4

UTAH-10 has no true PERT program, although   5

I promised myself recently that I would put one   6

together.   7

Therefore, if you came up with a positive response, I   8

would appreciate learning of it.   9

                                                                           10

We do have and use a variant of Strollo's CALENDAR   11

which I put together: NEWCAL. NEWCAL knows how to couple   12

tasks (task:: text + duration + priority + person) so that   13

one becomes effective after the prior task(s) finish.   14

The program allows any graph structure of tasks, without   15

loops, but does not know how to force deadlines or predict   16

completion.   17

                                                                           18

Is that any good for you?   19

Bapl   20

- - - - - - -   21

                                                                           22

PERT style program

(J22604) 2-APR-74 14:31;   Title: Author(s): Carl M. Ellison/CME;
Distribution: /MJM JAKE CME; Sub-Collections: NIC; Clerk: CME;

Network Information

Ernie Peterson from BBN will be here on MON 15-APR-74 to connect a
fourth host to the SRI IMP and remove the high-speed paper tape
reader. The Network is therefore apt to be down for 2-3 hours that
morning.   1

Network Information

(J22605)   2-APR-74 14:38;   Title: Author(s): James E. (Jim)
White/JEW; Distribution: /SRI-ARC DCL VGC; Sub-Collections: SRI-ARC;
Clerk: JEW;

Date: 2-APR-74 07:00:22   1

From: Jon B, Postel   2

Subject: CHECK OUT OF FEEDBACK   .   3

type of comment: Suggestion or unknown   4

Network online address: POSTEL AT ISI   5

Phone: 703 893 3500   6

Degree of urgency: Low priority   7

Type of response desired: No response needed   8

                                                                       9

Text: 10

I GOT A MESSAGE THAT INDICATED THAT THIS SHOULD WOR SO I AM   11

CHECKING IT OUT.   12

                                                                      13

                                                                      14

(J22606) 2-APR-74 14:43;   Title: Author(s): NET COMMENT/NCMT ;
Distribution: / NCMT; Sub-Collections: NIC; Clerk: NCMT;

Date: 2-APR-74 07:07:05   1

From: Jon B. Postel   2

Subject: FEEDBACK PROGRAM   3

Type of comment: Gripe   4

Network online address: POSTEL AT ISI   5

Phone: 703 893 3500   6

Degree of urgency: High priority   7

Type of response desired: Response is requested   8

                                                                           9

Text: 10

THE FEEDBACK PROGRAM IS A GREAT THING EXCEPT FOR TWO AREAS: 11

1) THE NEED FOR A USER ENTERED CR IS SOME WHAT INCONSISTENT   12

    FOR EXAMPLE ONE IS NEEDED AFTER ENTERING A "Y" OR "N" FOR A   12a

    YES OR NO RESPONSE BUT ONE IS NOT NEEDED WHEN ENTERING A PRIORITY,   12b

2) WHY SHOULD THE USER WAIT? WHY NOT SEND ALL THE MAIL AS QUEUED
MAIL?   13

                                                                          14

--JON.   15

                                                                          16

                                                                          17

(J22607) 2-APR-74 14:46;   Title: Author(s): NET GRIPE/NGRP ;
Distribution: / NGRP; Sub-Collections: NIC; Clerk: NGRP;

MAP 2-APR-74 14:59   22608

CONUNION Status

Following precedent, the "CONUNION" initial report will be a little
late, Three drafts do exist, though, so it's only a matter of my
trying to see if I can keep the weak promise I made to attempt some
sort of "collation" on them which is the blockage, Am guessing two
days to two weeks, with the likelihood being somewhere in the middle,
   apologies and cheers, map   1

MAP 2-APR-74 14:59   22608

CONUNION Status

(J22608)   2-APR-74 14:59;   Title: Author(s): Michael A.
Padlipsky/MAP; Distribution: /USING; Sub-Collections: NIC USING; Clerk:
JEW;

PSO Staffing

As Jim knows, before last week we were considering hiring a new
clerical person for the window office. We considered Mary Jones, but
I rejected her for reasons I will be glad to discuss in person.   1

I was planning to take up the search this week and had in mind
looking for some one who would be a clerk-typist-phone-answerer
rather than a secratary. But with our future supply of money in
dobut, I am letting the matter slide for the moment.   2

A question: If after July we have less machine time, do we want less,
more (doing DEX and DEX-II), or the same clerical staff?   3

PSO Staffing

(J22610) 2-APR-74 16:20;   Title: Author(s): Dirk H. Van Nouhuys/DVN;
Distribution: /JCN RWW(fyi) DCE(fyi) MDK(fyi); Sub-Collections: SRI-ARC;
AccessList: JCN RWW DCE MDK DVN; Clerk: DVN;

If this works, only Dean should get a citation.   1

But anyone in the DEIS group and no one else shold get access.   2

I tried to send a message to KEV (very short, one line like this) and
it said "Incorrect owner". I used the initialize command before this
one to you. I hope it works.

1

(J22612)   28-MAR-74 21:40;   Title: Author(s): Kirk E. Kelley/KIRK;
Distribution: /CHI(* action *) ; Sub-Collections: SRI-ARC; Clerk:
KIRK;

Inconsistant line lengths

As JAKE (22429,) I also find that line lengths are not the same
across local media. In particular, tasker seems to allow one more
character per line than TNLS. Furthermore, it is impossible in some
cases no matter what you set line length for an OP to get them to
come out the same as tasker. Presumably there is a different
breaking algorithm used with OP throwing away following spaces. I'm
sure the reason these inconsistencies do not get fixed right away is
because no person capable of fixing the problem has to deal with text
so finely formatted as to make a difference to them.   1

Inconsistant line lengths

(J22613)   28-MAR-74 22:40;   Title: Author(s): Kirk E. Kelley/KIRK;
Distribution: /NEWNLS(* action *) BUGS(* info-only *) JAKE(*
info-only *) ; Sub-Collections: SRI-ARC NEWNLS BUGS; Clerk: KIRK;

Statement of preference for allocated hours

According to the proposed group allocation plan (22526,) PSO gets 90
hours a week in two slots between eight and five to be divided among
five people. If we decide to divide everything equally, it comes out
to 18 hours/person/week. For a point of reference, there is enough
time allocated for each person to log in all day for 2 days of the
week. I think it would be more practical for me to spread my time
over the week. I would like to reserve one of the slots Tuesday and
Friday from 8:00 til 1:00; Wednesday and Thursday from 8:00 till
12:00. I'm open to having a meeting to discuss other schemes if that
is desireable.

1

Statement of preference for allocated hours

(J22614)   29-MAR-74 12:45;   Title: Author(s): Kirk E. Kelley/KIRK;
Distribution: /PSO(* info-only *) SLJ(* info-only *) BAH(*
info-only *) ; Sub-Collections: SRI-ARC PSO; Clerk: KIRK;

SENDMAIL user program

Dean, there is a new subsystem in the XNLS system called SENDMAIL.
Thus, the name-conflict between white's user program and the new
subsystem is very unfortunate. I suggest we change one or the other
and I recommend the user program be called SENDMESSAGE. -- Charles.   1

SENDMAIL user program

From Yngvar Lundh, NDRE.

Request for report, For Marcia Keeney, 3-APR-74 05:21   1

   Marcia,   1a

   Do you have the following report available: Engelbart et al:
   "Advanced Intellect-Augmentation Techniques", Final Report NASA
   Contract NAS1-7879, July 1970, SRI project 7079.   1b

   --How are things? Spring is here now.   1c

   Regards,   Yngvar.   1d

From Yngvar Lundh, NDRE.

(J22616) 3-APR-74 05:29;   Title: Author(s): Yngvar Lundh/YL;
Distribution: /MLK; Sub-Collections: NIC; Clerk: YL;

incorrect owner error message

Kirk, the error message you got pertains to the reserved journal
number you were trying to use (I will make the message more clear).
If you had corrected the number and said DONE again, everything would
have been fine. -- Charles.
p.s. The incorrect number could have come from some other error (in
which case it would be 1234). Was the system out of disc space
again?   1

incorrect owner error message

(J22617)   3-APR-74 08:07;   Title: Author(s): Charles H. Irby/CHI;
Distribution: /KIRK(* info-only *) ; Sub-Collections: SRI-ARC; Clerk:
CHI;

Guess What - Round 729 in the Group Allocation

I have instituted the new Group Allocations as specified in
(22526,). I appreciate the concern Don Andrews and Smokey expressed
about allocating any more in-house slots. But some groups felt
extremely crunched by the current allocation. If the system appears
to become more heavily loaded because of these changes, I agree that
we should lower the allocation. But in the meantime, I will be
taking a "wait and see" approach.   1

Guess What - Round 729 in the Group Allocation

(J22618)   3-APR-74 10:27;   Title: Author(s): Ferg R. Ferguson/WRF;
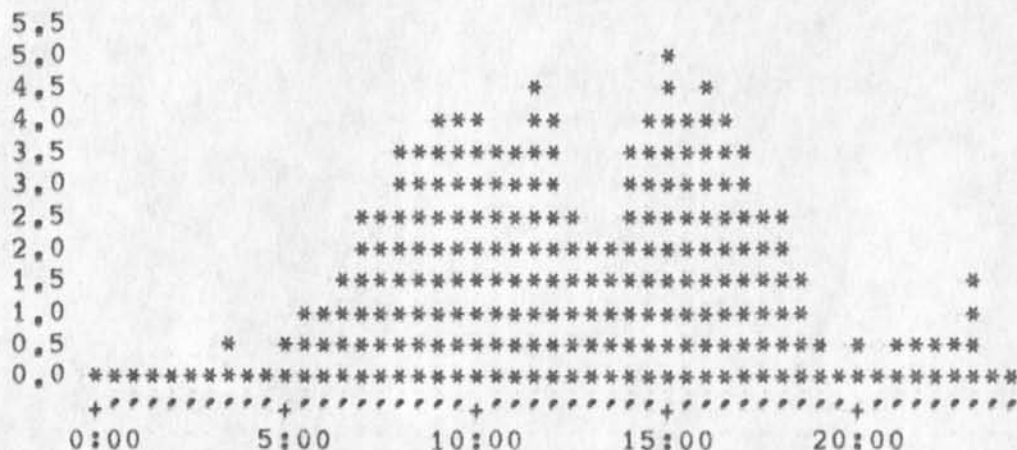Distribution: /SRI-ARC; Sub-Collections: SRI-ARC; Clerk: WRF;

Superwatch Average Graphs for Week of 3/24/74

There is no %SU for DNLS this week because of a bug in the averaging
program.

Superwatch Average Graphs for Week of 3/24/74

TIME PLOT OF AVERAGE NUMBER OF GO JOBS FOR WEEK OF 3/24/74
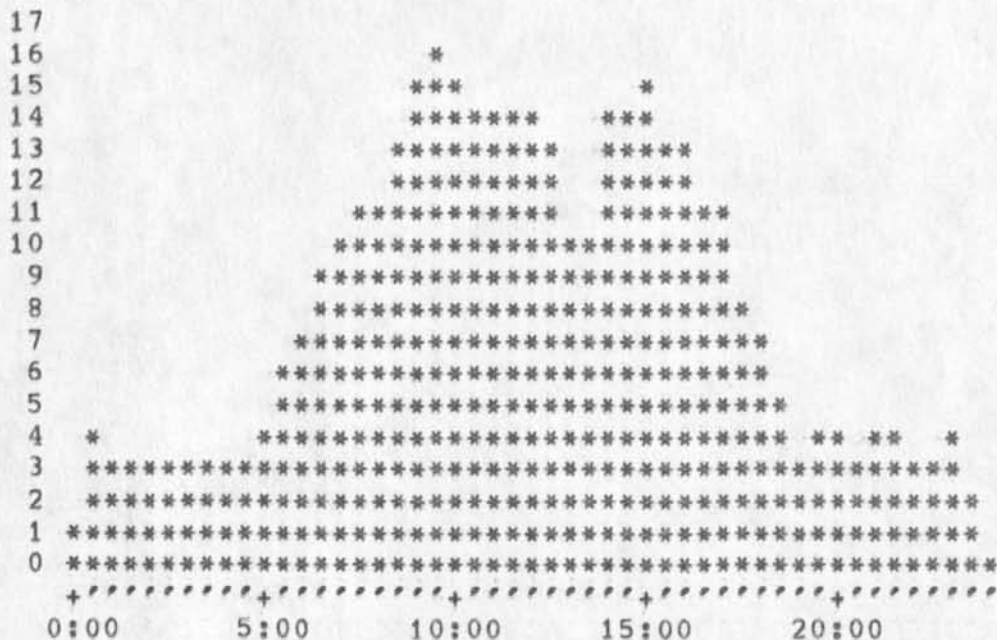x axis labeled in units of hr:min, xunit = 30 minutes   1

```
    5.5
    5.0                                            *
    4.5                              *          * *
    4.0                           *** **      *****
    3.5                           *********    *******
    3.0                           *********    *******
    2.5                         ************   *********
    2.0                         ************************
    1.5                       *****************************            *
    1.0                     *******************************            *
    0.5             *     ******************************** * *****
    0.0     ********************************************************************
            +'''''''''+'''''''''+'''''''''+'''''''''+'''''''''
          0:00      5:00     10:00     15:00     20:00                          1a
```

TIME PLOT OF AVERAGE NUMBER OF USERS FOR WEEK OF 3/24/74
x axis labeled in units of hr:min, xunit = 30 minutes   2

```
    17
    16                          *
    15                        ***              *
    14                      *******          ***
    13                     *********        *****
    12                     *********        *****
    11                    ***********      *******
    10                   **********************
     9                  ************************
     8                 ***************************
     7                ****************************
     6               ****************************
     5               *****************************
     4     *         ******************************** ** **   *
     3     *****************************************************
     2     ****************************************************
     1     ***************************************************
     0     ****************************************************
            +'''''''''+'''''''''+'''''''''+'''''''''+'''''''''
          0:00      5:00     10:00     15:00     20:00                          2a
```
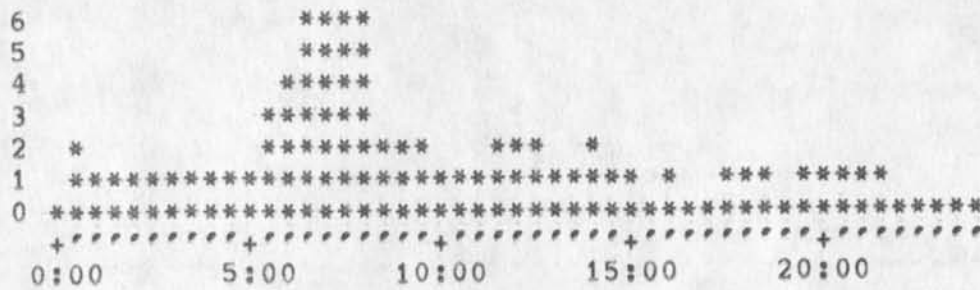
Superwatch Average Graphs for Week of 3/24/74

TIME PLOT OF AVERAGE NUMBER OF NETWORK USERS FOR WEEK OF 3/24/74
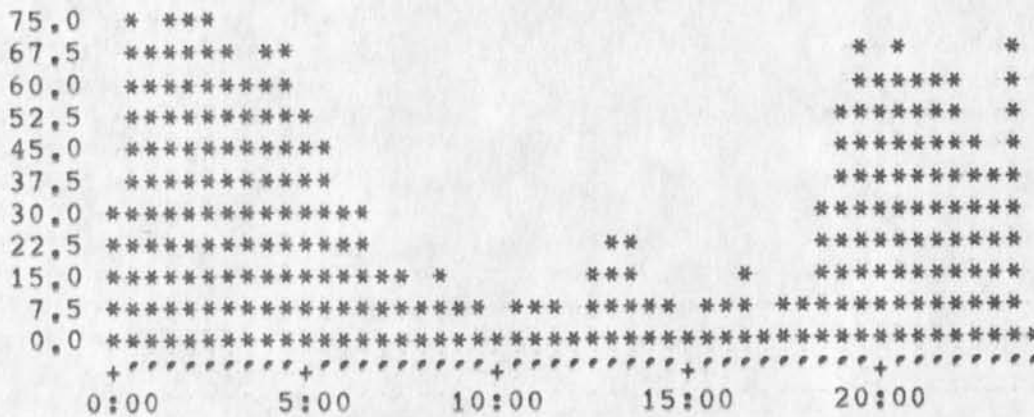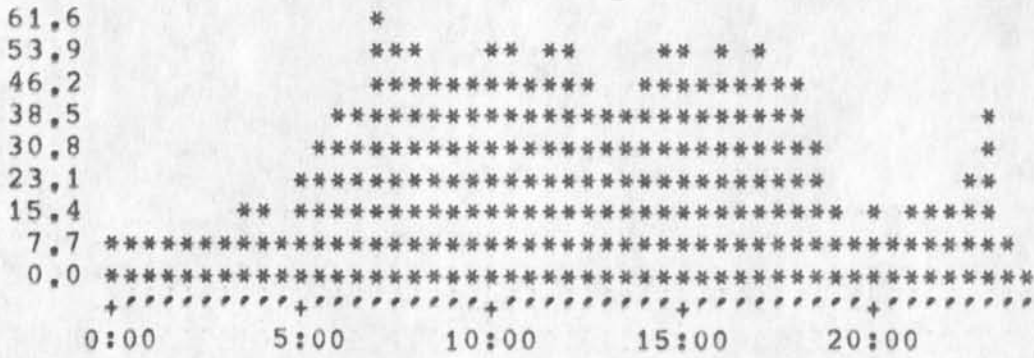x axis labeled in units of hr:min,   xunit = 30 minutes   3

```
    6                    ****
    5                    ****
    4                    *****
    3                    ******
    2    *               *********      ***   *
    1    ***********************************  *   *** *****
    0    *****************************************************************
         +'''''''''+'''''''''+'''''''''+'''''''''+''''''''
         0:00      5:00      10:00     15:00     20:00                          3a
```

TIME PLOT OF AVERAGE IDLE TIME FOR WEEK OF 3/24/74
x axis labeled in units of hr:min,   xunit = 30 minutes   4

```
   75.0   * ***
   67.5   ****** **                                    * *        *
   60.0   **********                                   ******    *
   52.5   ***********                                  *******   *
   45.0   ************                                 ********* *
   37.5   ************                                 **********
   30.0   **************                               ***********
   22.5   **************                      **       ***********
   15.0   ****************** *                ***         * ***********
    7.5   ********************** *** ***** *** *************
    0.0   *****************************************************************
          +'''''''''+'''''''''+'''''''''+'''''''''+''''''''
          0:00      5:00      10:00     15:00     20:00                         4a
```

Superwatch Average Graphs for Week of 3/24/74

TIME PLOT OF AVERAGE PER CENT OF CPU TIME CHARGED TO USER ACCOUNTS
FOR WEEK OF 3/24/74
x axis labeled in units of hr:min, xunit = 30 minutes   5

```
    61.6                     *
    53.9                    ***    ** **      ** * *
    46.2                    *************   *********
    38.5               ****************************          *
    30.8              *****************************          *
    23.1              ****************************          **
    15.4           ** ************************************ * *****
     7.7    ***********************************************************
     0.0    ************************************************************
         +,,,,,,,,,+,,,,,,,,,+,,,,,,,,,+,,,,,,,,,+,,,,,,,,,+,,,,,,,,
          0:00      5:00      10:00     15:00     20:00
```
                                                                                5a

Superwatch Average Graphs for Week of 3/24/74

(J22619) 3-APR-74 12:15;   Title: Author(s): Susan R. Lee/SRL;
Distribution: /JCN RWW DCE PR JCP DVN JAKE DLS BAH; Sub-Collections:
SRI-ARC; Clerk: SRL;
Origin: <LEE>WEEK3/24GRAPHS.NLS;2, 3-APR-74 12:11 SRL ;

Feeding Back the Existence of a PC

I don't know whether I'm peculiar in this respect or not, but I very
frequently display file status information just to see if the file is
locked or not; all the rest of that display is pointless in such
cases, and my having to wait for it is very annoying. Would it be
reasonable to constantly display that one bit of info (i.e, file
locked or not) in the feedback area somewhere? Another, more general
approach, of course, would be to define a "user-settable" field in
the feedback area somewhere whose contents were kept current by the
system and whose nature was selected by the user, by way of his user
profile, from a set of alternatives offered by the system.   1

Feeding Back the Existence of a PC

(J22620)   3-APR-74 12:47;   Title: Author(s): James E. (Jim)
White/JEW; Distribution: /FDBK; Sub-Collections: SRI-ARC; Clerk: JEW;

PC Loading Bug

When I used Goto Tenex while having a file loaded in XNLS and created
a PC to that same file in an inferior nls and then Quit back to my
original file in XNLS, it did not load the PC. I tried re-Loading
the file (twice) it still would not load the PC, I had to reset
before it would work.   1

KIRK 3-APR-74 08:27   22621

PC Loading Bug

(J22621)   3-APR-74 08:27;   Title: Author(s): Kirk E, Kelley/KIRK;
Distribution: /BUGS(* action *) ; Sub-Collections: SRI-ARC BUGS;
Clerk: KIRK;

PC Loading Bug

An NLS Tool for Transferring Files Between SRI-ARC and OFFICE-1

A command has been added to NLS's repertoire to aid in the transfer
of NLS files between SRI-ARC and OFFICE-1. In both TNLS and DNLS in
the running system, it has the following syntax: 1

    L[oad] R[emote File] filename CA   1a

      (with an extra CA required in DNLS)   1a1

The effect of the command is to: 2

    (1) Retrieve a copy of the specified NLS file from the "source"
    host -- OFFICE-1 (if the user is at SRI-ARC) or SRI-ARC (if the
    user is at OFFICE-1).   2a

      The source filename must conform to the usual TENEX syntax.
      The default directory, if none is explicitly specified, is the
      one to which the user is connected (which may or may not exist
      and/or make sense at the source host). The default directory,
      if none is explicitly specified, is 'NLS'.   2a1

    (2) Store a copy of the file locally in the directory to which the
    user is then connected.   2b

      The local copy bears the same name and extension fields as the
      source file, except that the suffix '-REM' is appended to the
      name field. A new version will be created if a file of the
      same name already exists.   2b1

    (3) Load the file.   2c

As one can readily see, the command may take a long time to complete,
especially with a high load average. The following prompts are
offered along the way: 3

    sourcehost CONNECTION ESTABLISHED   3a

      The source host is up, accessible from the Net, and responding
      to File Transfer Protocol (FTP) requests.   3a1

    RETRIEVING sourcefile   3b

      An initial login handshake has been completed. This message is
      perhaps misleading; the existence of the source file has not
      yet been verified.   3b1

    STORED LOCALLY AS localfile   3c

      The source file has been successfully retrieved, a copy stored

in the user's directory, and Network connections to the source
host broken.   3c1

This new facility has the following values and deficiences: 4

  Values   4a

    The file is not only transferred but also loaded for the user.   4a1

      This may or may not be what he'd like in any particlar case.   4a1a

    A remote file is as easy to load as a local one (in terms, at
    least, of how much the user must type).   4a2

      The only other related facilities of which I am aware --
      <HOPPER>FTPMSYS.REL and <USER-PROGS>NETXFER.REL -- must, of
      course, be loaded as user programs.   4a2a

  Deficiences   4b

    There is one known, and as yet unfound bug in the
    Network-related code which affects both this and the two user
    programs mentioned above.   4b1

      Occasionally, apparently randomly, the transfer fails with
      the message 'Long files are not supported'. This message is
      erroneous; the real problem is that the cooperating process
      at the source host as, for some reason, closed the Network
      connection established by NLS.   4b1a

      Whatever its cause, this kind of a failure is a fluke, and
      points to no particular problem associated with the file
      itself. In particular, the message does NOT imply, even if
      it were the appropriate one, that the file is in any sense
      too big to be retrieved or stored in the user's directory.   4b1b

    The command retrieves a single TENEX file. In particular, a
    partial copy won't get swept along with the main file
    automatically. If the user wants both, he must retrieve both.   4b2

      Transfer of the partial copy will either fail because the
      file has no PC, or the PC will be successfully retrieved but
      the loading of it will illicit 'Bad File--Type CA'
      (appropriately enough, since it's just a PC). The error
      message should be ignored and the main file retrieved.   4b2a

      Also, the lock information is lost in the transfer and must
      be recreated (by some simple trick, I understand, unknown to
      me).   4b2b

Clearly, the command isn't really prepared to handle locked
files, but it does work.   4b2c

To load a remote Journal file, the appropriate Jounal directory
(e.g., <JJOURNAL>, <MJOURNAL>) must be included in the filename
(and therefore, obviously, known by the user), since the NLS
catalog lookup mechanism at the source host is unavailable in
this context. In general, Journal documents are not stored in
the same directory on the two machines.   4b3

Journal messages (as opposed to files) cannot be retrieved
using this mechanism.   4b4

Only NLS files can be retrieved using this mechanism.   4b5

An NLS Tool for Transferring Files Between SRI-ARC and OFFICE-1

Group File Protection: Response to (30396,)

It is important to the DEIS arrangement to retain the definition of a group. Additionally, I think the definition of groups is a valuable concept which may play an important role in applying our tools supported by a single computer facility to a number of diverse applications requiring coordinated efforts. I strongly oppose eliminating the concept of a group [your alternative two].   1

I would object to loosing the power to connect to the DEIS group (of which I am a member) [your alternative one] because: 2

   1) the EPAC operators and myself do work for the people on the project (who do not themselves use the system) in THEIR directories, so we can set up file privacy, authorship, etc., as they like,   2a

   2) it would disable the RUNFIL program which the EPAC operators use to read and deliver everyone's mail, and   2b

   3) it would make many of my "rescue" activities difficult.   2c

The above reasons apply to always requiring a password [your aternative three] if you'll grant that it is unreasonable to try to keep track of everyone's password in the group.   3

   In fact, this solution would allow us to use our RUNFIL, but would require us to publish (and maintain) the passwords to all the group's directories in a file.   3a

The DEIS project is set up so that the group is defined with respect to the group file protections, but only certain people (the EPAC operators) have the right to connect without a password. This arrangement has proven satisfactory to date.   4

Of course I would have no objection to any plan that adds to the alternatives for a given group, so long as you don't sacrifice our present capabilities.   5

1

Group File Protection: Response to (30396,)

(J22623) 3-APR-74 14:24; Title: Author(s): N, Dean Meyer/NDM;
Distribution: /FEED KWAC MIKE WRF DVN JHB; Sub-Collections: SRI-ARC
KWAC; Clerk: NDM;

Do as I say: Perfect Example

A really embarrasing anomaly; it came to me like in a pre-dawn
nightmare that the self-righteous tone I took in lecturing about
publishing other people's information in the Journal (see --
JJOURNAL, 22546,) was sent by me less than an hour after I
Journalized another item (JJOURNAL, 22544,) -- a record of SNDMSG
communiques, one of which was authored by Peter Hart, AND I HADN'T
ASKED HIS PERMISSION.   1

Very embarrassing. Yes, we should talk about these practices. And
in the future, the more self righteous I feel during a wrathful mood,
the more I should first look "within myself" before I broadcast.   2

Do as I say: Perfect Example

(J22624) 3-APR-74 17:36;   Title: Author(s): Douglas C. Engelbart/DCE
; Distribution: /sri-arc kwac ; Sub-Collections: SRI-ARC KWAC; Clerk:
DCE   ;

Response to (22598,) - On Journal Statistics

In response to your comment on journal statistics, you have a point
but I think the options submit branch, group, and plex are probably
not used that much (pure speculation!). The reason I included them
with messages was because a the only reasonable way to count such
things was to write a program checking whether there was a filename
in the *F field (or whatever it is) of the journal citation. That
however catches all submitted statements, branches, etc, as well as
messages. So as usual the statistics are not as exact as one might
like but I don't think they're too far off.   1

Response to (22598,) - On Journal Statistics

(J22625)   4-APR-74 08:35;   Title: Author(s): Susan R, Lee/SRL;
Distribution: /HGL PR DVN; Sub-Collections: SRI-ARC; Clerk: SRL;

The GAC (Group Allocation Championship) of ARC was won convincingly
today by a "Ya But" to the objections. The challengers were delt a
major setback in their struggle to make a come back. The decision
came in round 729 of what most observers called a close fight. In a
post fight interview one of the challengers said this was his last
attempt to gain the title.   1

"The Winner and Still Champion"

(J22626)   4-APR-74 09:03;   Title: Author(s): Donald C. (Smokey)
Wallace/DCW; Distribution: /SRI-ARC; Sub-Collections: SRI-ARC; Clerk:
DCW;

Changes and Proposals in DEIS Journal and Privacy Procedures;
Minutes of a Meeting between Dean Meyere and Dirk van Nouhuys 4/2/74.

We have carried out some changes that seemed purely technical, are
eager for feedback on the others.

Changes and Proposals in DEIS Journal and Privacy Procedures;
Minutes of a Meeting between Dean Meyere and Dirk van Nouhuys 4/2/74.

I just had occasion to add a recently sent journal item to a
subcollection, if I could, I can't tell you how many time I have had
that wish before. Likewsie when I have sent something to some one by
secondary distribution I have wished to explain who sent it and why.   1

On occasion I have resubmitte a journal item, giving it a new number,
in order to distribute it with an explanantion or too get it into a
subcollection, but that strategy seems awkward and expensive.   2

This is a plea that "forward" in "readmail" include a subcollection
and a comments field.   3

                                                                             4

xxxx   5

PROPOSED PLAN FOR JOURNALIZING OLD MESSAGES   6

    The old messages that Arlie Capps selected for cataloging remain
    unjournalized. Dean will supply me with copies of those for whom
    the author resides on the West Coast and I will see to it that
    some one checks with the author before comitting them to the
    journal system; Dean wil Journalize the remainder from Washington
    .We will offer the option of makeing the journal items private to
    members of the DEIS project at SRI.   6a

    We will submitt the messages to the journal with a Title that
    consists of two lines. The first is the original title (or another
    if the author chooses); the second will give the date it was sent
    as a message. Each item willinclude a comment declaring that this
    is a message now being includd in the DEIS collection. They will
    be sent to the original distribution external to SRI DEIS and to
    &DEIS (see --,8b) below.   6b

    Production of the first regualr DEIS catalog will wait for these
    old messages to be disposed of.   6c

Changes and Proposals in DEIS Journal and Privacy Procedures;
Minutes of a Meeting between Dean Meyere and Dirk van Nouhuys 4/2/74.

(J22627) 4-APR-74 09:29; Title: Author(s): Dirk H. Van Nouhuys/DVN;
Distribution: /&DEIS JCN ECW RJ SJM DRB RAS AGC OWW MEJ JHB JHB(fyi)
MEJ(fyi) BAH(fyi); Sub-Collections: SRI-ARC DEIS; Clerk: DVN;

Journal indices in ARCLOCATOR, or index files, to be fixed

Direct, coordinated attention requested of BAH and JCP; Policy
statement due from Operations

Journal indices in ARCLOCATOR, or index files, to be fixed

With our six-pack disk-file system now running again, I'd like to see the Journal-index files brought back. I just tried jumping on some of the links shown in Branch (userguides, ARCLOCATOR, 0312), and NLS says the files aren't on line.

1

The problem may be that those links are out of date, and that they point to files that have been superceded -- in which case I guess BAH would fix up the links (Current link statements have his signature, dated 12-FEB-74); OPERATOR should check with BAH, and if links are right, see that the index files are retrieved.

2

This relates to recent 4-item dialogue:

3

MDK (JJournal,22426,)

3a

DCE (JJournal,22439,)

3b

MDK (JJournal,22448,)

3c

DCE (JJournal,22462,)

3d

JCN, Operations: In both of my above items I directly requested a policy statement from Operations regarding priority practices, when disk files have to be cut back, of how public reference files are to be treated. It really seems to me that the Journal indices should not be trimmed until, for instance, we've trimmed all of the Journal-item files that have been unread for a week.

4

Journal indices in ARCLOCATOR, or index files, to be fixed

(J22628) 4-APR-74 09:40;   Title: Author(s): Douglas C. Engelbart/DCE
; Distribution: /jcn rww mdk bah jcp wrf mab2 jbn jake ;
Sub-Collections: SRI-ARC; Clerk: DCE ;

L10 Program to generate Official Hostnames file for ASCII TXT

FILE hosts % L10 <kudlick>hosts %

1

% PROGRAM TO GENERATE NLS FILE TO BE RUN THROUGH OUTPUT ASSEMBLER FOR
ASCII HOSTNAMES FILE %

2

% default input file = <feinler>hostaddr-master %

3

% default output file = <netinfo>hosts %

4

 REGISTER r2 = 2;   4a

5

5a

(hosts) PROCEDURE;   6

 LOCAL   6a

  stid, % input file top plex, current host statement %   6a1

  endstid,   % origin of input file %   6a2

  filf,   % TRUE if output is NEW FILE %   6a3

  outstid;   % output file current tail stid %   6a4

 LOCAL dirno;   6b

 LOCAL TEXT POINTER tp1, tp2, substid;   6c

 LOCAL STRING dirname [40];   6d

 LOCAL STRING statement[150]; % used for formatting output line %   6e

 % initialization, opening files %   6f

  stid _ outstid _ origin;   6f1

  % GET OUTPUT FILE NAME %   6f2

   LOOP   6f2a

    BEGIN   6f2a1

L10 Program to generate Official Hostnames file for ASCII TXT

```
        freflnt();                                              6f2a2

        crlf();                                                 6f2a3

        typeas($" Output file = ");                             6f2a4

        *xlit* _ NULL;                                          6f2a5

        txtlit($xlit);                                          6f2a6

        IF xlit.L # 0 THEN                                      6f2a7

          BEGIN                                                 6f2a7a

          IF NOT FIND SF(*xlit*) > '< THEN                      6f2a7b

            BEGIN                                               6f2a7b1

            ! JSYS gjinf;                                       6f2a7b2

            dirno _ r2;                                         6f2a7b3

            gdname ( dirno, $dirname);                          6f2a7b4

            *xlit* _ '<, *dirname*, '>, *xlit*;                 6f2a7b5

            END;                                                6f2a7b6

          IF NOT FIND SF(*xlit*) >  ['.] THEN *xlit* _ *xlit*,
          ".NLS";                                               6f2a7c

          END                                                   6f2a7d

        ELSE                                                    6f2a8

          BEGIN                                                 6f2a8a

          *xlit* _ "<NETINFO>HOSTS.NLS";                        6f2a8b

          typeas($xlit);                                        6f2a8c

          END;                                                  6f2a8d

        % Open calls err if it doesn't find the file.  %        6f2a9

          ON SIGNAL ELSE GO TO newfile;                         6f2a9a

        IF outstid.stfile _ openull($xlit) THEN                 6f2a10
```

```
        BEGIN                                              6f2a10a

        typeas($"  (old file) CONFIRM ");                  6f2a10b

        IF input() # CA THEN REPEAT LOOP ELSE EXIT LOOP;   6f2a10c

        END                                                6f2a10d

    ELSE                                                   6f2a11

        BEGIN                                              6f2a11a

        (newfile):                                         6f2a11b

        typeas($" (new file) CONFIRM ");                   6f2a11c

        IF input() # CA THEN REPEAT LOOP;                  6f2a11d

        ON SIGNAL ELSE NULL; %disarm all of them%          6f2a11e

        % force NLS extension %                            6f2a11f

          IF NOT FIND SF(*xlit*) > '< 1$(LD/'=) '> 1$(LD/'=)
          "tp1 ([';] "tp2 _ tp2 / TRUE "tp2) THEN          6f2a11f1

            BEGIN                                          6f2a11f1a

            typeas($" cant understand filename:  ");       6f2a11f1b

            typeas($xlit);                                 6f2a11f1c

            REPEAT LOOP;                                   6f2a11f1d

            END;                                           6f2a11f1e

          *xlit* _ SF(*xlit*) tp1, ",NLS", tp2 SE(*xlit*); 6f2a11f2

        IF NOT outstid,stfile _ opwk(0, $xlit) THEN        6f2a11g

          BEGIN                                            6f2a11g1

          typeas($" Bad Output File Name "); % (that's all it
          could be)  %                                     6f2a11g2

          REPEAT LOOP;                                     6f2a11g3

          END                                              6f2a11g4

        ELSE EXIT LOOP;                                    6f2a11h
```

3

```
            END;                                                 6f2a11i

        EXIT LOOP;                                               6f2a12

        END;                                                     6f2a13

    % GET INPUT FILE NAME %                                      6f3

      LOOP                                                       6f3a

        BEGIN                                                    6f3a1

        crlf();                                                  6f3a2

        typeas(s" Input file = ");                               6f3a3

        *xlit* _ NULL;                                           6f3a4

        txtlit(sxlit);                                           6f3a5

        IF xlit.L # 0 THEN                                       6f3a6

          BEGIN                                                  6f3a6a

          IF NOT FIND SF(*xlit*) > '< THEN                       6f3a6b

            BEGIN                                                6f3a6b1

            ! JSYS gjinf;                                        6f3a6b2

            dirno _ r2;                                          6f3a6b3

            gdname (dirno, sdirname);                            6f3a6b4

            *xlit* _ '<, *dirname*, '>, *xlit*;                  6f3a6b5

            END;                                                 6f3a6b6

          IF NOT FIND SF(*xlit*) >  ['.] THEN *xlit* _ *xlit*,
          ".NLS";                                                6f3a6c

          END                                                    6f3a6d

        ELSE                                                     6f3a7

          BEGIN                                                  6f3a7a

          *xlit* _ "<FEINLER>HOSTADDR-MASTER.NLS";               6f3a7b
```

```
                typeas($xlit);                                        6f3a7c

                END;                                                  6f3a7d

            IF NOT (stid.stfile _ open(0,$xlit)) THEN                 6f3a8

                BEGIN                                                 6f3a8a

                typeas($" Unable to open input file.  Try another "); 6f3a8b

                REPEAT LOOP;                                          6f3a8c

                END;                                                  6f3a8d

            endstid _ stid;                                           6f3a9

            IF (stid := getsub(stid)) = stid THEN                     6f3a10

                BEGIN                                                 6f3a10a

                typeas($"Empty input file.  Try another ");           6f3a10b

                REPEAT LOOP;                                          6f3a10c

                END;                                                  6f3a10d

            EXIT LOOP;                                                6f3a11

            END;
                                                                     6f3a12

    % loop to process input %                                        6g

        crlf();                                                      6g1

        typeas ($" Program starting.");                              6g2

        LOOP                                                         6g3

            BEGIN                                                    6g3a

            % get host name %                                       6g3b

            CCPOS SF(stid);                                         6g3b1

            *statement* _ NULL;                                     6g3b2

            xtrnam($statement, $swork, -1);                         6g3b3
```

```
% get host address %                                              6g3c

    substid _ stid; %starting point of search%                    6g3c1

    lookup($substid, $"HOST-ADDR", seqname);                      6g3c2

    IF substid = endfil THEN                                      6g3c3

        err($"Host program failed to find label: HOST-ADDR in
        substructure to a top level statement.  Terminating
        abnormally.");                                            6g3c3a

    IF NOT FIND SF(substid) > ['(] [')] $NP "tp1 1$D "tp2
    THEN                                                          6g3c4

        BEGIN                                                     6g3c4a

        *statement* _ "skipping ", *statement*, " ... No
        Host-Addr";                                              6g3c4b

        crlf();                                                   6g3c4c

        typeas($statement);                                       6g3c4d

        GOTO newsite;                                             6g3c4e

        END                                                       6g3c4f

% build first line of entry %                                     6g3d

    ELSE *statement* _ *statement*, ', , tp1 tp2;                 6g3d1

% output first line of entry %                                    6g3e

    outstid _ cis(outstid, $statement, sucdir);                   6g3e1

%  get status attribute %                                         6g3f

    *statement* _ "STATUS=";                                      6g3f1

    substid _ stid; %starting point of search%                    6g3f2

    substid _ namingrp(substid, substid, $"STATUS", 10);          6g3f3

    IF substid = endfil THEN GOTO nosite;                         6g3f4

% build second (last!) line of entry %                            6g3g
```

```
            IF NOT FIND SF(substid) > ['(] [')] SNP "tp1
            (["SERVER"]/["USER"]/["TIP"]) "tp2 THEN                    6g3g1

                (nosite):  *statement* _ *statement*, "UNKNOWN", EOL   6g3g1a

            ELSE *statement* _ *statement*, tp1 tp2, EOL;             6g3g2

         % output second line of entry %                              6g3h

            outstid _ cis(outstid, $statement, sucdir);               6g3h1

         (newsite):                                                   6g3i

         IF (stid _ getsuc(stid)) = endstid THEN EXIT LOOP; %get next
         top level site-name %                                        6g3j

         END; % of main loop %                                        6g3k

                                                                      6g3l

      % close files %                                                 6g4

         freflnt();                                                   6g4a

      crlf();                                                         6g5

      typeas($"HOSTS program terminated normally.");                  6g6

      RETURN;                                                         6g7

      END.                                                            6g8

   FINISH                                                             7
```

L10 Program to generate Official Hostnames file for ASCII TXT

(J22629) 4-APR-74 12:04;   Title: Author(s): Michael D. Kudlick/MDK;
Distribution: /MDK; Sub-Collections: SRI-ARC; Clerk: MDK;
Origin: <KUDLICK>HOSTS.NLS;17, 25-MAR-74 16:02 MDK ;

Response to (30404,) on Statistics for the Utility

Superwatch began running on OFFICE-1 just two weeks ago and it is
agreed that weekly and monthly averages should be run. I believe
someone from Tymshare will be doing this, but I don't believe anyone
has been asked, and I know no one knows how to do them right now.
The accounts information is in the same state of limbo. I'll check
with Jim Norton now that he's back and see if we or someone can't get
something going.   1

Response to (30404,) on Statistics for the Utility

(J22630) 4-APR-74 13:28;   Title: Author(s): Susan R. Lee/SRL;
Distribution: /DLS BAH(fyi) PR(fyi) JCN(can we do something about
this?); Sub-Collections: SRI-ARC; Clerk: SRL;
Origin: <LEE>BLAP.NLS;1, 4-APR-74 13:18 SRL ;

Visit with Fran Grehan, SRI-W Marketing

briefly what was mentioned in half hour chat

Visit with Fran Grehan, SRI-W Marketing

Problems of Marketing Dept.   1

   Keeping tract of the division's contacts, visitors: "contact   .
   reports"   1a

      what was said, what documents given, received, etc.   1a1

   what has been done on subject, SRI resources, pull together past
   experiences   1b

   gov needs, etc   1c

      iterations: gov - MP - ...   1c1

      who visits guys, coordination of interface with gov people   1c2

   abstracts from legislation, fed budgets, etc. done on request   1d

      catalogging, storage (avoiding replication of work)   1d1

   lists of prospective clients, interested parties, mailing lists,
   address book   1e

Marketing helping ARC   2

   Presentation to all Marketing people here   2a

   Us go out or world come here   2b

Set up an ident for him: FJG (while talking about address book)   3

He and Tor Meisner(?) will come by again next week for a more
systematic introdution to NLS and to discuss where things might go
and what the next step might be.   4

Visit with Fran Grehan, SRI-W Marketing

(J22631) 5-APR-74 14:27; Title: Author(s): N. Dean Meyer/NDM;
Distribution: /JCN DCE; Sub-Collections: SRI-ARC; Clerk: HDW;
Origin: <MEYER>FG.NLS;1, 5-APR-74 14:22 HDW ;

We are constantly over-running the TIP input buffer (currenly 10)
with the Line processor. Don, could you make some decision as to
what it SHOULD be, and then either tlak to or have Ed or someone talk
to BBN (Joe Malman) about having it increased. (When it runs over,
it seems to blow out the LP and all kinds of weird problems arise.)   1

(J22632)   5-APR-74 14:41;   Title: Author(s): N. Dean Meyer/NDM;
Distribution: /DIA MEH(fyi) JCN(fyi) EKV; Sub-Collections: DEIS ; Clerk:
HDW;

I can't type in "SRI-ARC as a subcollection.   1

(J22633)   5-APR-74 14:43;   Title: Author(s): N. Dean Meyer/NDM;
Distribution: /FDBK; Sub-Collections: SRI-ARC; Clerk: HDW;

COMTEST of JOVIAL Chapter

I got the message about (carrier,comtest), which I assume, sexist
that I am, is from Duane rather than Robin. Slurping up CPU time
like a thirsty whale I did a comtest of it which now resides in
<documentation>jovxcom,1;1 at Office-1. I just now ftp'd it accross
to our printer. FTP broke down under th strain, but I think enough
came across for our puposes. The printer is really sounding weird
right now printing it. I will study it over the weekend and mail it
to Dean Monday. Then we will come back with a suggestion whether to
send all or part to DDSI, or redo anything.   1

I would like to journalize the message from Duane/Robin, by the way,
for historical purposes, if that's OK wiith the author.   2

COMTEST of JOVIAL Chapter

(J22634) 5-APR-74 16:24;   Title: Author(s): Dirk H. Van Nouhuys/DVN;
Distribution: /DLS RJC NDM JHB DDSI; Sub-Collections: DPCS SRIARC RC
RADC DDSI; Clerk: DVN;

Changes in New EXEC

This is the same info as in <system>exec-news.txt,

Changes in New EXEC

I have completed a new EXEC which has a number of important changes,
I will list the changes according to the groups they effect.   1

Of interest to all users   2

A number of users have asked that they be able to ^C from SNDMSG,
and then CONT that subsystem. This change has been instituted,
and has the following implications.   -   2a

1) The information typed to SNDMSG will not be lost by typing
^C.   2a1

2) However, if you ^C out of some other subsystem (say NLS), go
into SNDMSG, you cannot CONT into NLS. You must instead either
quit NLS or Goto Exec from NLS before calling SNDMSG.   2a2

3) You must type the full name "SNDMSG", or part of the name
and an ALT. The EXEC will not recognize SND<CR> any more, but
will recognize SND<ALT><CR>.   2a3

Of interest to commercial and network users   3

All network and commercial users can now run programs in either
their login directory or their connected directory by simply
typing the PROGRAM-NAME<CR>. In addition, these users still have
access to all the programs they previously had access to, i.e.
network users have access to all programs in <NETSYS> and
commercial users access to programs in <COMSYS>.   3a

Also, previously if a user typed a restricted command or
program-name he (she) got the message "...NOT AVAILABLE FOR
NETWORK (or NON-ARPANET) USAGE". Now, the user will simply get a
question mark, "?".   3b

Changes in New .EXEC

(J22635) 5-APR-74 16:37;   Title: Author(s): Ferg R. Ferguson/WRF;
Distribution: /SRI-ARC; Sub-Collections: SRI-ARC; Clerk: WRF;
Origin: <FERGUSON>EXEC-NEWS.NLS;2, 5-APR-74 16:35 WRF ;

<control-q> in help subsystem

Should take the user to the branch named HELP.   CUE is to be
deleted.   1

<control-q> in help subsystem

(J22636)   6-APR-74 17:54;   Title: Author(s): Kirk E. Kelley/KIRK;
Distribution: /HGL; Sub-Collections: SRI-ARC; Clerk: KIRK;

VISITLOG 2-APR-74   1

  Lars E. Hallner, Senior Systems Analyst   and   1a

  Hans B. Larsson, Senior Systems Analyst   1b

    DATEMA AB
    Huvudstagatan 1
    Box 1056
    S-171 21 Solna 1 SWEDEN   Phone: 08/83 40 20   1b1

  They received a short demo of about 45 mins, covering the general
  aspects of DNLS (see -- Bair,demo,3:xbb) as per their request.   1c

  Their interests are in the general state of computer technology in
  the U.S. They seemed to be quite impressed with Augmentation
  Technology. Guests of Karl Drexhage, System Programmer, Info
  Sciences Lab, SRI (see for more info).   1d

Visitlog (Visit Log) Swedish System Analysts, Larsson and Hallner

(J22637) 6-APR-74 19:14;   Title: Author(s): James H. Bair/JHB;
Distribution: /JCN DCE DVN MDK RWW; Sub-Collections: SRI-ARC; Clerk:
JHB;
Origin: <BAIR>VISITLOG.NLS;2, 6-APR-74 19:08 JHB ;

One change sounds bad.

Re: Changes in New EXEC" (LJOURNAL,22635.)

TITLE:Re: Changes in New EXEC" (LJOURNAL,22635.)
COMMENT: One change sounds bad.
AUTHOR(S):JHB
DISTRIBUTION:wrt jcn dch chi
SUBCOLLECTION:sri-arc
CLERK:JHB
GO.   1

 Re: Changes in New EXEC" (LJOURNAL,22635.) "You must type the full
name "SNDMSG", or part of the name and an ALT. The EXEC will not
recognize SND<CR> any more, but will recognize SND<ALT><CR>."   2

I do not think this change should be made at the Utility given the
circumstances that have been described (...what requests from what
users?) It is contradictory to the whole policy of providing a
stable, consistent, service system; not one that all of a sudden
requires a different command typin for a very important function.   3

Sndmsg is one of the most heavily used features at Office-1
particularly by people in high places in ARPA. Some of these people
have been taught the old way, many use other Tenexes interchangably,
etc. They will most likely be irritated and perhaps confused when
they type SND CR and it doesn't work. Please do not make this change
at the Utility.   4

General Policy Issue: Perhaps we can establish a policy that no
programming changes are made at the Utility without coordination with
the Operatios Director (JCN) and User Development (JHB)...it would
work a lot better that way.   5

Re: Changes in New EXEC" (LJOURNAL,22635.)

(J22638) 6-APR-74 19:52;   Title: Author(s): James H. Bair/JHB ;
Distribution: /wrf jcn dch chi ; Sub-Collections: SRI-ARC ; Clerk:
JHB ;
Origin: <BAIR>FERGMSG.NLS;2, 6-APR-74 19:51 JHB ;

New DNLS Useroptions problems

Useroption's Reset Recognition doesn't work. It takes me back to
Expert all right, but sets the secondary mode back to the last
secondary one I have previously set to go with Expert (with the
Recognition command), not to the default, which I understand is
Expert Expert.   1

Please let me know ASAP (for documentation purposes) if my
assumptions about how this command is supposed to work are correct: 2

  What the user gets before she uses any of the recognition commands
  is Expert Expert.   2a

  After she changes it with Recognition command, the Reset
  Recogniton command will return her to Expert Expert.   2b

New DNLS Useroptions problems

(J22639) 6-APR-74 20:48;   Title: Author(s): Jeanne M. Beck/JMB;
Distribution: /FDBK DCW; Sub-Collections: SRI-ARC; Clerk: JMB;

New DNLS Useroptions Feedback command

I tried using Terse in Useroptions Feedback command, then repeating
with Length = 0 and again with Length = 2. (In Expert Expert
recognition mode) My noise words went off, but the whole
command-word fed back. When this is implemented to work as I
understand (Length--when Terse is on--diminishes amount of
command-word fed back), what will be the procedure for having
command-words not feedback at all? Length = 0 ?   1

New DNLS Useroptions Feedback command

(J22640) 6-APR-74 20:50;   Title: Author(s): Jeanne M. Beck/JMB;
Distribution: /FDBK DCW; Sub-Collections: SRI-ARC; Clerk: JMB;

New NLS duplicate Feedback commands

Why is there still a Reset Feedback command in Editor when we have a
new one in Useroptions? (There's no other Feedback command in
Editor.)   1

This screws up Help database name-search algorithms.   2

New NLS duplicate Feedback commands

(J22641) 6-APR-74 20:51;   Title: Author(s): Jeanne M. Beck/JMB;
Distribution: /FDBK; Sub-Collections: SRI-ARC; Clerk: JMB;

THE UTILITY FEEDBACK MECHANISM

NOW OPERATIONAL AT OFFICE-1

THE UTILITY FEEDBACK MECHANISM*

1

USER DEVELOPMENT HAS AS PART OF ITS FUNCTION INSURING THAT THE
UTILITY SUBSCRIBING COMMUNITY HAS A MECHANISM WHEREBY IT CAN VOICE
COMPLAINTS, COMMENTS, PROBLEMS, SUGGESTIONS, ETC. TO THAT END WE ARE
COORDINATING EFFORTS TO ESTABLISH SPECIAL IDENTS, FILES,
RESPONSIBILITIES, AND RESPONSES TO USERS. WHAT FOLLOWS IS KNOWN IN
SOME CIRCLES AS A STANDARD OPERATING PROCEDURE (SOP) -- NECESSARY TO
GET THE JOB DONE.   IT IS ABSOLUTELY VITAL THAT THE PROCEDURE ENTAIL
A MINIMAL NUMBER OF STEPS, A MINIMAL INVESTMENT OF MANPOWER, AND
CLEARLY DIFFERENTIATED AREAS OF RESPONSIBILITY. THIS IS AN INITIAL,
DESCRIPTIVE DOCUMENT AND IS NOT INTENDED TO DEFINE THE SCOPE,
PHILOSOPHY, OR FUTURE CONSIDERATIONS OF FEEDBACK MECHANISMS FOR
OPERATIONAL APPLICATIONS OF AUGMENTATION TECHNOLOGY. THAT EFFORT
WILL BE PURSUED SEPARATELY, HOWEVER, IT WILL BE RESPONSIVE TO ANY
FEEDBACK ABOUT THIS FEEDBACK MECHANISM THAT IS FORTHCOMING.

2

THE DIRECTORY FEEDBACK AND THE IDENT FEED ARE SET UP AT THE
UTILITY TO PROVIDE A SINGLE COMMON REPOSITORY FOR USER FEEDBACK
THAT IS NOT HANDLED BY TYMSHARE OPERATIONS (SEE "ANNOUNCEMENT OF
THE MOVE TO THE UTILITY", -- GJOURNAL, 21585, 1H:W) AND "OFFICE-1
PHONE NUMBER FOR OPERATIONS PROBLEMS" -- HJOURNAL, 21847, 1:W), OR
THE ARPA NETWORK FEEDBACK GROUP (SEE ISELI, J. -- GJOURNAL,
21683,).

2A

ALL SUBSCRIBING USERS ARE ASKED TO SEND THEIR COMMENTS TO THE
IDENT FEED, OR FOR MORE URGENT ITEMS TO SNDMSG FEEDBACK, UNLESS
IT IS A PROBLEM THAT CAN BE SOLVED BY THE COMPUTER OPERATOR AT
TYMSHARE.

2A1

ALL QUESTIONS/REQUESTS AND THE ACKNOWLEDGEMENT THEREOF WILL BE
THE RESPONSIBILITY OF THE STAFF AS DESCRIBED BELOW.

2A2

USER DEVELOPMENT (U.D.)

2A3

MESSAGES WILL BE MOVED FROM THE TENEX MESSAGE.TXT FILE TO A
BRANCH NAMED MESSAGES IN THE NLS FILE "FEED" BY U.D. FOR
PROCESSING (THIS OVERCOMES THE PROBLEM OF ONE-TIME TENEX
SNDMSG NOTIFICATION).

2A3A

SORTING: MESSAGES AND JOURNAL ITEMS IN THE FILE FEED WILL
BE MOVED ON A DAILY BASIS (IF POSSIBLE) INTO THE FOLLOWING
CATEGORIES:

2A3B

UTILITY:

2A3B1

ITEMS THAT REQUIRE EXPLANATION (USER EDIFICATION) OR
PROBLEM SOLUTION (BUGS) BY THE UTILITY STAFF. NOTE
THAT ITEMS WILL NOT BE MOVED TO THE "UTILITY" BRANCH

THE UTILITY FEEDBACK MECHANISM

until they have been acted upon thus averting the
necessity of further editing to indicate action
COMPLETE. IN THE CASE OF BUG REPAIR THAT REQUIRES
SOME TIME (UP TO 2 WEEKS), no attempt to notify the
USER WILL BE MADE UNTIL FEEDBACK (U.D.) HAS HEARD FROM
the programmer responsible for the repair.   2a3b1a

NIC: 2A3B2

This branch will include items directly concerned with
the operation of the NIC service, but not to include
any problems associated with the Net operation or
INDIVIDUAL USER'S PROBLEMS AT OFFICE-1.   2A3B2A

ANALYSIS: 2A3B3

THIS BRANCH INCLUDES COMMENTS, SUGGESTIONS, LONG RANGE
COMPLAINTS, PRAISE, USES OF THE SYSTEM, AND THE LIKE.
AN ANNOUNCEMENT ASKING FOR THIS KIND OF FEEDBACK HAS
been sent out (see "Proposed Methodology for Data
Collection of Feedback from Workshop Utility Users"
-- HJOURNAL, 21844, 1;w)   2a3b3a

The items in this branch as well as in the other
CATEGORIES THAT PROVIde some information about the
system-user interface will become part of the data
BASE THAT IS TO BE STRUCTURED, SYNTHESIZED, AND
REPORTED UPon, primarily for the purpose of providing
GUIDANCE TO DEVELOPMENT.   2A3B3B

THOSE ITEMS THAT REPRESENT VALUABLE RECOMMENDATIONS
FOR CHANGES TO NLS WILL BE FORWARDED TO ARC
DEVELOPMENT WHICH CAN PURSUE IMPLEMENTION.   2A3B3C

THIS BRANCH WILL BE SUB-DIVIDED INTO: 2A3B3D

    1. HAVE DISTRIBUTED (FORWARDED) BRANCH   2A3B3D1

    2. HAVE ACTED UPON BRANCH   2A3B3D2

SYSTEM: 2A3B4

THIS BRANCH WILL INCLUDE SYSTEM MESSAGES STORED FOR
HISTORICAL PURPOSES.   2A3B4A

ANALYSIS   2A4

ANALYSIS WILL BE RESPONSIBLE FOR PERIODICALLY REVIEWING (AT
LEAST ONCE A WEEK) ITEMS IN THE ANALYSIS BRANCH,

THE UTILITY FEEDBACK MECHANISM

ACKNOWLEDGING THE RECEIPT, AND TAKING SUBSEQUENT ACTION,
U.D. WILL INFORMALLY NOTIFY ANALYSIS THAT THERE ARE ITEMS TO
be reviewed,   Action will be indicated by moving the items
to branches "Acknowledged", and "Distributed". The later
indicates that the item will be included in a report or
given directly to Development (CHI) for action.   2a4a

NIC   2a5

THE NIC WILL ACT ON ITEMS IN THE NIC BRANCH AS DOES
ANALYSIS, BUt wiLL TAKE ITS OWN FINAL ACTION RATHER THAN
repoRTING or foRWARDing itemS to DevelopmENT.   2A5a

ACKNOWLEDGEMENT: 2a6

Acknowledgment by the stAff responsible for each of the
functions listed will preferably be in the same mode of
communication received, i.e. sndmsg or Journal, with
FEEDBACK included on the distribution.   2a6a

ADDITIONAL OR SECONDARY ACTION: items requiring additional
action beyOnD the initial acknoWledgemenT OR report of
action will have a message or Journal item sent to Feedback
stating the action yet to be taken. The item will then be
PROCESSED VIA THE SAME CYCLE.   2A6B

IN THE CASE WHERE AN ITEM HAS RECEIVED ACTION INITIALLY BY
ONE GROUP OF STAFF AND IS SORTED INTO THE BRANCH FOR ANOTHER
GROUP (EG. UTILITY TO ANALYSIS), THE FOLLOW-ON ACTION
(ACKNOWLEDGMENT) SHOULD BE FROM THE GROUP RECEIVING THE
SECONDARY DISTRIBUTION.   2A6C

MOVING ITEMS FROM ONE LOCATION TO ANOTHER WITHIN THE FILE
IS A SIMPLE, CONCRETE METHOD TO INDICATE THAT ACTION HAS
BEEN TAKEN WHILE MAINTAINING A RECORD OF THE ACTION.   2A6C1

THE ARCHITECTS (APPROPRIATE WHERE THE USER GROUP HAS AN
ARCHITECT.)   2A7

THE ARCHITECTS PROBABLY WILL RECEIVE A GREAT DEAL OF
FEEDBACK THAT WILL NOT BE SENT THROUGH THIS FEEDBACK
MECHANISM. IN THESE CASES, IT SHOULD BE THE ARCHITECT'S
RESPONSIBILITY TO PROVIDE A RESPONSE, EITHER ANSWERING THE
QUESTION OR SOLVING THE PROBLEM, AND TO SEND A COPY OF BOTH
THE INITIAL COMMUNICATION AND THE RESPONSE TO FEED. IN THE
CASE OF ORAL INQUIRIES, THE ARCHITECTS SHOULD RECORD THE
ITEM AND SEND IT TO FEED, ALONG WITH THE DISPOSITION. IT
WOULD THEN BECOME PART OF THE DATA BASE FOR ANALYSIS.   2A7A

THE UTILITY FEEDBACK MECHANISM

THE ARCHITECT MAY HAVE THE OPTION OF RESPONDING FOR U.D. OR
MAY MAKE A NOTE THAT U.D. SHOULD RESPOND DIRECTLY TO THE
USER. THOSE ITEMS THAT ARE SENT TO THE ARCHITECT DIRECTLY
BECOME HIS RESPONSIBILITY. THOSE THAT ARE SENT TO BOTH THE
ARCHITECT AND FEED WILL REQUIRE THAT THE ARCHITECT NOTIFY
U.D. THAT ACTION HAS NOT BEEN TAKEN OR FURTHER ACTION IS
NECESSARY.   2A7B

KWAC: KNOWLEDGE WORKER ARCHITECT COMMUNITY.   2A8

THE IDENT KWAC PERMITS ANY ITEM DESCRIBING AN EXPERIENCE OR
problem to be SHARED BY AN ARCHITECT WITH ALL THE ARCHITECTS
AND THE COORDINATORS ON THE ARC STAFF. AT PRESENT, IT IS
NOT QUITE CLEAR WHAT EXACTLY SHOULD BE SHARED WITH ALL THE
MEMBERS OF THE COMMUNITY, BUT THIS WILL EVOLVE BASED ON THE
NEEDS OF THE COMMUNITIES.   2A8A

NON-ARCHITECTS SHOULD SEND ITEMS TO THE LOCAL ARCHITECT
RATHER THAN TO KWAC (TO AVOID INUNDATING THE KWACOMMUNITY).   2A8B

NETWORK: 2A9

THE USING GROUP OF THE ARPA NETWORK HAS SET UP AN ELABORATE
MECHANISM* TO GATHER FEEDBACK FROM NETWORK USERS (SEE
"RECOMMENDATIONS FOR A NETWORK USER FEEDBACK", -- GJOURNAL,
21683,). IT SHOULD BE CLEAR TO THOSE USING THE NETWORK TO
ACCESS OFFICE-1 THAT THIS IS FOR NETWORK FEEDBACK IN
GENERAL, PARTICULARLY ABOUT OTHER SITES ON THE NET AND
EXPERIENCES WITH NET HARDWARE AND SOFTWARE (*SNDMSG TO
USING@OFFICE-1).   2A9A

ALL USERS ARE INVITED TO READ THE FEEDBACK FILE AT OFFICE-1
(FEEDBACK,FEED,2:M) TO ASCERTAIN THE CURRENT STATUS OF THEIR FEEDBACK
ITEM AND TO GET SOME INDICATION OF THE EXPERIENCES OF OTHER USERS.   3

*ARC (SRI) PERSONNEL AND GUESTS AT ARC WILL USE THE MECHANISM DEFINED
IN (FEEDBACK,FDBK,) PARTICULARLY FOR FEEDBACK ABOUT NEW NLS.   4

SYSTEM MESSAGE TO UTILITY USERS: 5

SUBJECT: FEEDBACK ABOUT PROBLEMS AND EXPERIENCES AT OFFICE-1   5A

A FEEDBACK MECHANISM HAS BEEN IN OPERATION AT OFFICE-1. WE NOW
ANNOUNCE THIS SERVICE TO ALL USERS OF OFFICE-1, PARTICULARLY THE
NIC AND NEW USERS. THIS SERVICE WILL SUPERCEDE ALL PREVIOUS
SERVICES OF THIS KIND TO THE UTILITY COMMUNITY.
  SEND ANY COMMENTS, QUESTIONS, OR PROBLEM DESCRIPTIONS VIA SNDMSG
TO THE USERNAME: FEEDBACK, OR SEND MESSAGES/DOCUMENTS VIA THE
JOURNAL SYSTEM TO THE IDENT FEED. YOUR FEEDBACK WILL BE SORTED,

DISTRIBUTED TO THE APPROPRIATE STAFF, AND YOU WILL RECEIVE
ACKNOWLEDGEMENT AND/OR HELP.   5B

    WHEN BUGS ARE BEING REPORTED, PLEASE INCLUDE AS MUCH PERTINENT
    INFORMATION ABOUT THE PARTICULAR INCIDENT AS POSSIBLE, EG.
    SYSTEM ERROR MSGS, WHAT YOU WERE DOING, AND EVEN A COPY OF THE
    TTY printout if there is one.   5b1

NLS users may see a description of the feedback handling process
in (bair, feed, 1).   5c

THE UTILITY FEEDBACK MECHANISM

(J22642) 6-APR-74 22:35;   TITLE: AUTHOR(S): JAMES H. BAIR/JHB;
DISTRIBUTION: /SRI-ARC KWAC BOBM JIMB; SUB-COLLECTIONS: SRI-ARC SRI-ARC
KWAC; CLERK: JHB;
ORIGIN: <BAIR>FEED.NLS;12, 6-APR-74 22:25 JHB ;

COMMENT ON (22547,) JOURNAL STATISTICS

SUSAN: YOUR STUDY OF THE JOURNAL AND ITS VOLUME, READ, SIZE
CHARACTERISTICS (22547,) IS REALLY VERY GOOD. IT IS JUST THE KIND OF
ANALYSIS WE HAVE NEEDED. WE'VE GOT TO FIND WAYS TO SUPPORT THIS
WORK. IT'S A CORE PART OF THE DEVELOPMENT PROCESS. IT'S BEEN AN AREA
THAT HAS NOT BEEN WELL SUPPORTED, UNFORTUNATELY. NOW, JUST WHEN WE
ARE GETTING INTO IT, OUR MAIN FUNDING AGENCY, ARPA, IS CUTTING BACK
ON FUNDS--AS YOU'VE HEARD. AND STRONG SUPPORT FOR ANALYSIS IS NEEDED,
BUT NOT FORTHCOMING---YET. IT MAY WELL BE THAT STUDIES SUCH AS YOURS
CAN BE USED TO TURN THAT SITUATION AROUND. I PLAN TO MAKE USE OF THIS
ONE WITH ARPA AT AN OPPORTUNE MOMENT TO ILLUSTRATE THE POINT THAT
ANALYSIS NEEDS MORE SUPPORT. WHO KNOWS, MAYBE WE'LL GET IT GOING YET.
THANKS FOR THIS ONE AT ANY RATE. JIM   1

COMMENT ON (22547,) JOURNAL STATISTICS

(J22643)   7-APR-74 07:56;   TITLE: AUTHOR(S): JAMES C. NORTON/JCN;
DISTRIBUTION: /SRL; SUB-COLLECTIONS: SRI-ARC; CLERK: JCN;

JOURNAL PRIVACY: SOME QUESTIONS

JIM WHITE: I HAVE BEEN TRYING OUT THE JOURNAL PRIVACY MECHANISMS.
DEAN MEYER HAS (PERHAPS WITH YOUR HELP) MADE MOST OF THE DEIS PROJECT
JOURNAL ENTRIES PRIVATE. AMONG THE IDENTS WITH ACCESS TO THOSE
DOCUMENTS IS DEIS, OF WHICH I AM A MEMBER. I FIND THAT I MUST TYPE
THE DIRECTORY NAME IN ADDITION TO THE FILE NAME TO REALLY GET
ACCESS,,LIKE IF I TYPE JUMP TO LINK (30348,) I AM DENIED ACCESS,,BUT
IF I TYPE (JJOURNAL,30348,) I GET THE FILE I AM ENTITLED TO READ. IS
THIS A BUG? IF I WERE TO COME ACROSS THE FILE NAME,,JUST THE NUMBER
IN A DOCUMENT AND IT DIDNT HAVE THE FILE'S DIRECTORY NAME, I IMAGINE
I WOULDN'T REALL BE ABLE TO FIND THE FILE.   ALSO, I WENT OUT AND
CHANGED MY IDENT TO SOMEONE ELSE'S AND FOUND THAT I COULDN'T ACCESS
THE DOCUMENT,,RIGHTFULLY SO. BUT THIS LEADS ME TO BELIEVE THAT
ANYONE WHO MAY THINK THAT XXX IDENT MAY HAVE ACCESS TO A DOCUMENT HE
RUNS ACROSS SIMPLY HAS TO USE THE CHANGE IDENT COMMAND, RE-ENTER NLS
AND THE DOCUMENT IS HIS. I'LL ADMIT THAT I HAVE FORGOTEN IF YOU ARE
GOING TO BLOCK THIS GIANT GAP IN THE PRIVACY SCHEME,,OR WHAT? OR AM I
MISSING SOMETHING? PLEASE LET ME KNOW SOON? THANKS, JIM   JIM
NORTON   1

Journal Privacy: Some Questions

(J22644) 7-APR-74 11:17;   TITLE: AUTHOR(S): JAMES C. NORTON/JCN;
DISTRIBUTION: /JEW RWW NDM DVN; SUB-COLLECTIONS: SRI-ARC; ACCESSLIST:
JEW RWW NDM DVN JCN; CLERK: JCN;

HOSTNAME VERIFICATION

COULD YOU PLEASE TELL ME WHICH HOSTNAME IF CORRECT: LLANTS OR
LL-ANTS. ALSO, PLEASE SEND ME YOUR CORRECT HOST NUMBER, IMP NUMBER,
AND HOST ADDRESS IN DECIMAL. THERE HAS BEEN SOME CONFUSION ABOUT
THESE. THANKS, JAKE FEINLER (JAKE = IDENT; FEINLER@SRI-ARC FOR
SNDMSG.)   1

HOSTNAME VERIFICATION

(J22645)   7-APR-74 15:53;   TITLE: AUTHOR(S): ELIZABETH J, (JAKE)
FEINLER/JAKE; DISTRIBUTION: /RTL; SUB-COLLECTIONS: SRI-ARC; CLERK: JAKE;

NAME SEARCHING PROBLEM IN USEROPTIONS

THERE ARE SEVERAL THINGS THAT CAN BE DONE.   1

1. MAKE ALL LINKS <FUNCTION !USEROPTIONS *2VIEWSPECS> BUT THIS WILL
MEAN THE USER DOING A SHOW TYPIN WON'T GET THE RIGHT ONE.   2

2. TRADE PLACES (VIOLATE THE ALPHABETICAL ORDER) OR MOVE THE
VIEWSPECS   3

COMMAND TO BEFORE THE SET AND RESET COMMANDS.   4

3. UNNAME THE VIEWSPECS UNDER SET AND RESET. THIS WOULD MEAN WHEN
(AND IF) HELP EVER SEARCHES FOR NOUNS, IT WILL ONLY GO TO THE VERB.   5

                                                                              6

I THINK I PREFER CHOICE 2.   7

THAT IS, MOVE THE VIEWSPECS COMMAND TO BE THE FIRST COMMAND LISTED
UNDER USEROPTIONS.   8

NAME SEARCHING PROBLEM IN USEROPTIONS

(J22646). 7-APR-74 15:59;   TITLE: AUTHOR(S): KIRK E. KELLEY/KIRK;
DISTRIBUTION: /JMB; SUB-COLLECTIONS: SRI-ARC; CLERK: KIRK;

JCN 7-APR-74 16:30   22647

SUSAN: JUST RAN ACROS (22602,) ON ARI-ARC VS OFFICE-1 CONFIGURATIONS
and use measurements,.Another good thing,.like the one I just
commented on about the Journal,. ThanKS I'LL USE THIS one too, Jim   1

ABOUT SRL SRI-ARC/OFFICE-1 USE STUDY

(J22647)   7-APR-74 16:30;   TITLE: AUTHOR(S): JAMES C. NORTON/JCN;
DISTRIBUTION: /SRL; SUB-COLLECTIONS: SRI-ARC; CLERK: JCN;

JOURNAL PRIVACY AND DEIS JOURNALIZATIONS

J&J: THE REASON JCN HAD TO TYPE IN THE DIRECTORY NAME TO ACCESS A
JOURNAL FILE IS THAT I GAVE UP ON TRYING TO CHANGE THE PRIVACY STATUS
OF EXISTING FILESSS BEFORE FIXING UP THE ARC CATALOG (SETTING ACCESS
LIST TO UPPER CASE). GIVEN THE PAIN O3 DOING THE WHOLE BIT AGAIN AT
OFFICE-1, IT SEEMS EASIER TO DELETE THOSE FILES FROM THE JOURNAL AND
START OVER.   1

JOURNAL PRIVACY AND DEIS JOURNALIZATIONS

(J22648) 8-APR-74 08:37; TITLE: AUTHOR(S): N. DEAN MEYER/NDM; DISTRIBUTION: /JEW JCN; SUB-COLLECTIONS: SRI-ARC; CLERK: NDM;

SUPERWATCH AVERAGE GRAPHS FOR WEEK OF 3/31/74

TIME PLOT OF AVERAGE IDLE TIME FOR WEEK OF 3/31/74
X AXIS LABELED IN UNITS OF HR:MIN, XUNIT = 30 MINUTES   1
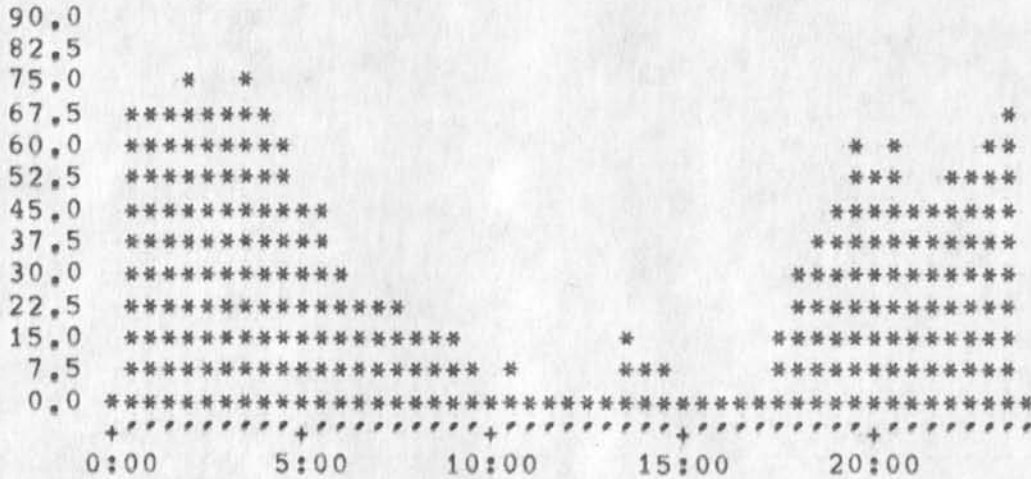
```
  90.0
  82.5
  75.0       *   *
  67.5   ********                                              *
  60.0   *********                                   *  *     **
  52.5   *********                                   ***   ****
  45.0   **********                                  **********
  37.5   **********                                  **********
  30.0   ***********                                 ***********
  22.5   *************                               ***********
  15.0   ****************            *               ***********
   7.5   ****************** *        ***             ***********
   0.0   ***********************************************************
       +'''''''''+'''''''''+'''''''''+'''''''''+'''''''''
       0:00      5:00     10:00     15:00     20:00                    1A
```

TIME PLOT OF AVERAGE NUMBER OF GO JOBS FOR WEEK OF 3/31/74
X AXIS LABELED IN UNITS OF HR:MIN, XUNIT = 30 MINUTES   2

```
   6.0
   5.5                         *          *
   5.0                        ***        ***
   4.5                        ****      *****
   4.0                      ** *****    *****
   3.5                      ********  *******
   3.0                      *********** ********
   2.5                      *********** ********
   2.0           *          ********************
   1.5           ***************************
   1.0           ***************************
   0.5           *************************************
   0.0   ********************************************************
       +'''''''''+'''''''''+'''''''''+'''''''''+'''''''''
       0:00      5:00     10:00     15:00     20:00                    2A
```

SUPERWATCH AVERAGE GRAPHS FOR WEEK OF 3/31/74

TIME PLOT OF AVERAGE PER CENT OF CPU TIME CHARGED TO USER ACCOUNTS
FOR WEEK OF 3/31/74
X AXIS LABELED IN UNITS OF HR:MIN, XUNIT = 30 MINUTES   3

```
    69.3
    61.6                                    *              **
    53.9                                ********        *****
    46.2                           ** **************  *********
    38.5                          ******************************
    30.8                          *****************************
    23.1                        ********************************** **
    15.4                       ****************************************
     7.7           **********************************************************
     0.0       *********************************************************************
         +'''''''''+'''''''''+'''''''''+'''''''''+'''''''''
         0:00       5:00      10:00     15:00      20:00                          3A
```
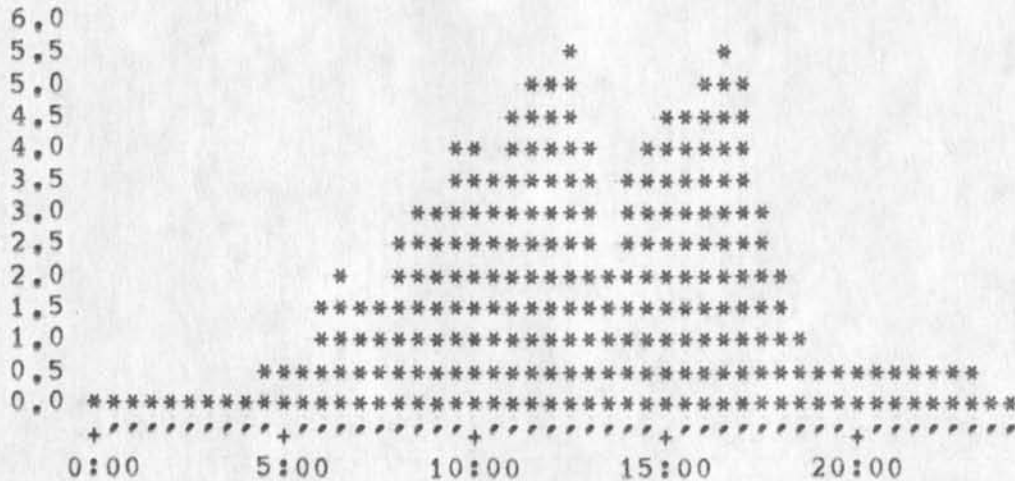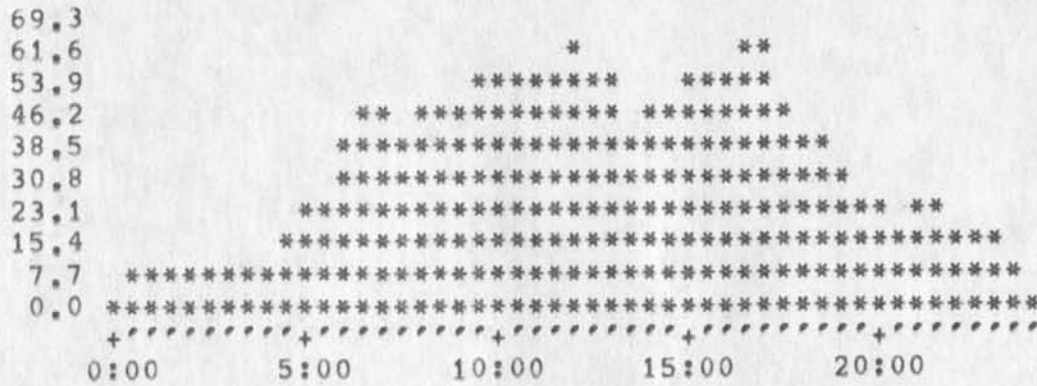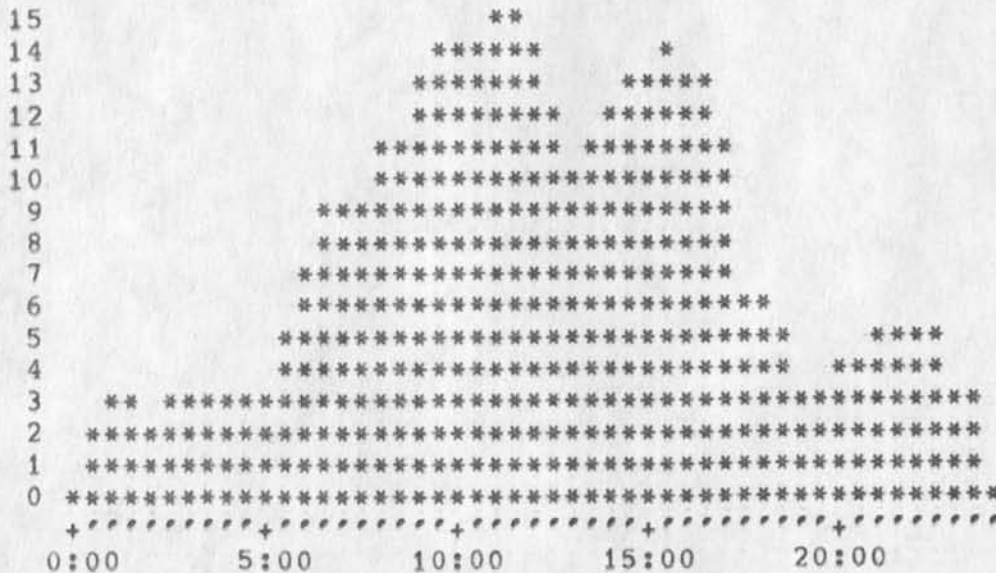
TIME PLOT OF AVERAGE NUMBER OF USERS FOR WEEK OF 3/31/74
X AXIS LABELED IN UNITS OF HR:MIN, XUNIT = 30 MINUTES   4

```
      15                          **
      14                        ******          *
      13                        *******       *****
      12                        ********      ******
      11                       **********  **********
      10                       ********************
       9                      **********************
       8                      ***********************
       7                     ************************
       6                    *****************************
       5               ************************************    ****
       4               **************************************  ******
       3         ** ***************************************************
       2       ***********************************************************
       1       **********************************************************
       0       ************************************************************
         +'''''''''+'''''''''+'''''''''+'''''''''+'''''''''
         0:00       5:00      10:00     15:00      20:00                          4A
```
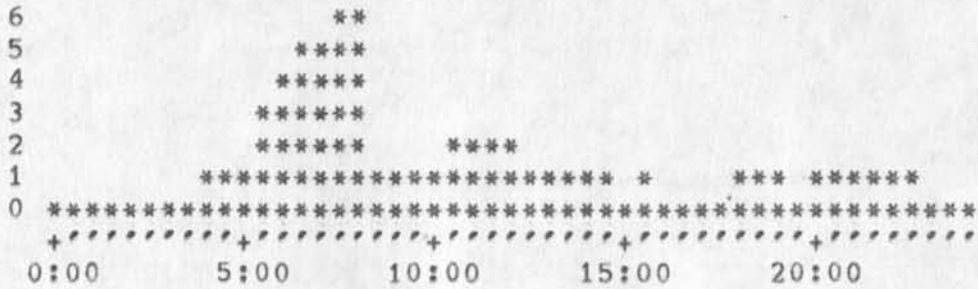
2

SUPERWATCH AVERAGE GRAPHS FOR WEEK OF 3/31/74

TIME PLOT OF AVERAGE NUMBER OF NETWORK USERS FOR WEEK OF 3/31/74
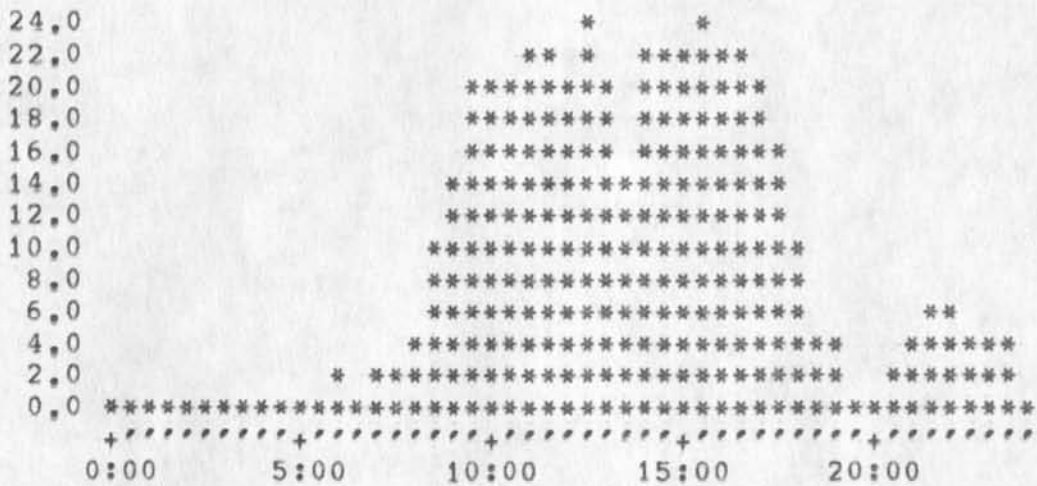X AXIS LABELED IN UNITS OF HR:MIN,   XUNIT = 30 MINUTES   5

```
 6                     **
 5                    ****
 4                    *****
 3                    ******
 2                    ******      ****
 1              ************************ *        *** ******
 0      ***********************************************************
       +'''''''''+'''''''''+'''''''''+'''''''''+'''''''''
       0:00      5:00      10:00     15:00     20:00                      5A
```

TIME PLOT OF AVERAGE PER CENT OF SYSTEM USED IN DNLS FOR WEEK OF
3/31/74
X AXIS LABELED IN UNITS OF HR:MIN,   XUNIT = 30 MINUTES   6

```
24.0                          *        *
22.0                       ** *    ******
20.0                     ********  *******
18.0                     ********  *******
16.0                     ******** ********
14.0                     ****************
12.0                     ****************
10.0                    ******************
 8.0                    *****************
 6.0                    ******************           **
 4.0                  ************************    ******
 2.0          *  **************************    *******
 0.0      *********************************************************
       +'''''''''+'''''''''+'''''''''+'''''''''+'''''''''
       0:00      5:00      10:00     15:00     20:00                      6a
```

SUPERWATCH AVERAGE GRAPHS FOR WEEK OF 3/31/74

My Plans

As many of you know I have been quite upset with many of the recent
(past 6 mos.) events here at ARC and have had a long standing concern
with the appropriateness of some of our activities and personnel.
Several weeks ago I decided I must change that situation for me here
at ARC or go elsewhere. As a result of that decision I have accepted
a position at Xerox Palo Alto Research Center (PARC) as a research
staff member.   1

With the current ARPA funding flap here at ARC I think it most
appropriate to assure you I am not leaving because of it. On the
contrary I had pretty well made up my mind to leave prior to the
all-ARC meeting of a few Fridays ago and was forced to completely
reevaluate my postion as a result of this potentially exciting turn
of events. I have long been a critic of ARC's fragmented and often
confusing diverse directions and firmly belive the direction being
forced upon ARC by Fields and ARPA is a most healthy one. I realize
that being a programmer and interested in the plight of programmers
biases my view, but I also am not completely blind to or
unappreciative of the other activities here at ARC. ARC has been
burning up money, in the recent past, at a prodigous rate, and it was
inevitable that it would be called to task sooner or later. I find
myself in the postion of agreeing with ARPA in both their evaluation
of ARC's expertice and their confidence in it's ablity to perform in
a competitive environment.   2

The MST program, in my opinion, is so coincident with ARC's vector
it almost appears to have been written by ARC. The idea of building
THE MST SYSTEM AND REALLY AUGMENTING SOMEONE IS A MOST EXCITING ONE
AND I MAY WELL REGRET MY LEAVING ARC ONEDAY, BUT THE FUNDAMENTAL
PROBLEMS I SEE AND PARTICULARLY THE ONES THAT CONSTANTLY BOTHER ME
WILL NOT MAGICALLY DISAPPEAR WITH THE NEW EMPHASIS FROM ARPA. THE
WORK I WILL BE DOING AT PARC IS REALLY MUCH THE SAME AS HERE AND I
HOPE I WILL BE ABLE TO HELP BUILD A BETTER COMMUNICATIONS PATH
BETWEEN ARC AND PARC. I WISH YOU ALL LUCK AND KNOW IN MY HEART YOU
WILL WIN THE MST RACE.   3

                                                                      4

My Plans

(J22650) 8-APR-74 10:06;   Title: Author(s): Donald C. (Smokey)
Wallace/DCW; Distribution: /SRI-ARC; Sub-Collections: SRI-ARC; Clerk:
DCW;
Origin: (WALLACE, ME.NLS;1,), 8-APR-74 08:30 DCW ;

VISIT LOG: 14 MAR 74, VERNON ROSE, NIOSH, AND RICHARD WITWER, SRI

FULL ADDRESSES: 1

  VERNON ROSE,
  DIRECTOR, OFFICE OF RESEARCH AND STANDARDS DEVELOPMENT
  NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH
  5600 FISHERS LANE, RM 318
  ROCKVILLE, MD.   20852
    (301) 443-3680   1A

  RICHARD WITWER
  INDUSTRIAL OPERATIONS RESEARCH DEPARTMENT
  MANAGEMENT SYSTEMS DIVISION, SRI
    X 4716   1B

  RICK WITWER WORKED IN ROSE'S SHOP FOR SEVERAL YEARS; HE CAN FILL US
IN WITH MORE DETAILS. CAPTURED THE FOLLOWING NOTES HERE, THOUGH.
SEEMS AS THOUGH WE SHOULD FOLLOW UP WITH MORE DISCUSSIONS BETWEEN
ARC, RICK, AND NIOSH.   2

  ROSE RUNS AN ACTIVITY THAT ASSIMILATES, KEEPS TRACK OF, AND PREPARES
INFORMATIVE REFERENCE DATA AND SPECIAL BULLETINS FROM, A WIDE RANGE
OF INFORMATION CONCERNING OCCUPATIONAL SAFETY AND HEALTH. HE
MENTIONED A CURRENT ACTIVITY BEING BUILT UP ABOUT TOXIC METALS. ALL
IN ALL, IT SEEMED THAT THE ACTIVITIES OF ROSE'S SHOP WERE IDEALLY
SUITED FOR *HARNESSING THE UNIQUENESS IN OUR CURRENT AKW SYSTEM; AND
THAT THEY WOULD BE A VERY LOGICAL CANDIDATE FOR INVESTING IN
EXPLORATORY APPLICATION. (E.G,, SEEMS A RINS SORT OF OPERATION WOULD
BE JUST THE TICKET.)   3

  ROSE'S SHOP USES IBM ATS TECHNIQUES, AND THEY HAVE AN IBM SORT OF
BIBLIO AND DATA BASE, BUT THE LATTER ISN'T CONNECTED TO THE ATS, NOR
TO A COM -- HE CAN SEE THE INTEGRATION VALUE.   4

LITERATURE GIVEN TO ROSE: 5

  D. C. ENGELBART, AUGMENTING HUMAN INTELLECT: A CONCEPTUAL
FRAMEWORK, SRI PROJECT AFOSR-3223, OCTOBER 1962 (XDOC -- 3906,)   5A

  D. C. ENGELBART AND W. K. ENGLISH, "A RESEARCH CENTER FOR
AUGMENTING HUMAN INTELLECT", AFIPS PROCEEDINGS, FALL JOINT
COMPUTER CONFERENCE, 1968, WASHINGTON, D.C. (XDOC -- 3954,)   5B

  D. C. ENGELBART, COORDINATED INFORMATION SERVICES FOR A
DISCIPLINE- OR MISSION-ORIENTED COMMUNITY, PAPER PRESENTED AT THE
SECOND ANNUAL COMPUTER COMMUNICATIONS CONFERENCE, SAN JOSE,
CALIFORNIA, 24 JANUARY 1973. (JOURNAL, DATED 12 DEC 72 -- 12445,)   5C

  D. C. ENGELBART, R. W. WATSON, J. C. NORTON, THE AUGMENTED

VISIT LOG: 14 MAR 74, VERNON ROSE, NIOSH, AND RICHARD WITWER, SRI

KNOWLEDGE WORKSHOP, PAPER PRESENTED AT THE NATIONAL COMPUTER
CONFERENCE, NEW YORK CITY, JUNE 1973. (JOURNAL -- 14724,)   5D

AUGMENTATION RESEARCH CENTER, "OUTPUT PROCESSOR USERS' GUIDE," 23
AUG 73, (JOURNAL -- 12209,)   5E

VISIT LOG: 14 MAR 74, VERNON ROSE, NIOSH, AND RICHARD WITWER, SRI

(J22651) 8-APR-74 11:21;   TITLE: AUTHOR(S): DOUGLAS C. ENGELBART/DCE
; DISTRIBUTION: /SRI-ARC BC ; SUB-COLLECTIONS: SRI-ARC; CLERK: DCE ;