

Attendance List of Navy Briefing March 18, 1975

Frank, sorry I forgot to include you on the original distribution list.

## Attendance List of Navy Briefing March 18, 1975

(JOURNAL) JOURNAL DOCUMENTS (MOST RECENT FIRST) 1

SGR 20-MAR-75 12:12 32137  
 Suggestions for the next version of the Basic and Second Courses  
 Location: (IJOURNAL, 32137, 1:w)  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 1a

(author) Journal documents authored 2

RH 20-MAR-75 11:31 32135  
 Attendance List of Navy Briefing  
 Location: (IJOURNAL, 32135, 1:w)  
 \*\*\*\*\*Note: Author Copy\*\*\*\*\* 2a

16-AUG-74 0904=P RJ: Attendance list for the demos held August  
 8th & 9th at SRI=WDC,  
 Received at: 16-AUG-74 09:32  
 Location: (MJOURNAL, 31004, 1:w) 2b

7-MAY-74 0549=P RJ: Justification for Renovation  
 25-JAN-74 0942=PDT  
 Received at: 7-MAY-74 08:33  
 Location: (LJOURNAL, 30342, 1:w) 2c

Comments: From Original SNDMSG 2c1

2-MAY-74 1150=P RJ: DEIS Master Tape Density  
 8-FEB-74 0959=PDI  
 Received at: 2-MAY-74 14:01  
 Location: (LJOURNAL, 30621, 1:w) 2d

Comments: From Original SNDMSG 2d1

2-MAY-74 0835=P RJ: DEIS Project Network Mailboxes  
 12-FEB-74 0921=PST  
 Received at: 2-MAY-74 09:46  
 Location: (LJOURNAL, 30618, 1:w) 2e

Comments: From Original SNDMSG 2e1

2-MAY-74 0833=P RJ: DEIS Master Tape Fields  
 13-FEB-74 0740=PST  
 Received at: 2-MAY-74 09:46  
 Location: (LJOURNAL, 30617, 1:w) 2f

Comments: From Original SNDMSG 2f1

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2-MAY-74 0824=P RJ: Technical Questions About MULTICS  
 25-FEB-74 0734=PDT  
 Received at: 2-MAY-74 09:46  
 Location: (LJOURNAL, 30613, 1:w) 2g  
 Comments: From Original SNDMSG 2g1

1-MAY-74 0857=P RJ: Standig=Memo-6  
 Received at: 1-MAY-74 09:39  
 Location: (LJOURNAL, 30596, 1:w) 2h  
 Comments: Authored by Jerry Standig 2h1

1-MAY-74 0855=P RJ: Memo-1  
 Received at: 1-MAY-74 09:39  
 Location: (LJOURNAL, 30595, 1:w) 2i  
 Comments: Authored by Jerry Standig 2i1

24-APR-74 1210=P RJ: standig-memo-5  
 Received at: 24-APR-74 12:54  
 Location: (LJOURNAL, 30545, 1:w) 2j  
 Comments: Authored by J,L, Standig 2j1

24-APR-74 1035=P Rj: Standig=Memo-4  
 Received at: 24-APR-74 11:36  
 Location: (LJOURNAL, 30544, 1:w) 2k

15-APR-74 0628=P RJ: standig-memo-3  
 Received at: 15-APR-74 06:54  
 Location: (JJOURNAL, 30469, 1:w) 2l  
 Comments: Authored by Jerry Standig 2l1

15-APR-74 0545=P RJ: standig-memo-2  
 received at: 15-APR-74 06:53  
 Location: (JJOURNAL, 30468, 1:w) 2m  
 Comments: Authored by Jerry Standig 2m1

2-APR-74 1037=P RJ: Dictation2=26  
 Received at: 2-APR-74 12:31  
 Location: (JJOURNAL, 30386, 1:w) 2n

2-APR-74 1030=P RJ: Dictation2=22  
 Received at: 2-APR-74 12:31  
 Location: (JJOURNAL, 30385, 1:w) 2o

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2-APR-74 1028-P RJ: Dictation2=20  
 Received at: 2-APR-74 12:31  
 Location: (JJOURNAL, 30384, 1:w) 2p

2-APR-74 1024-P RJ: dictation  
 Received at: 2-APR-74 12:31  
 Location: (JJOURNAL, 30383, 1:w) 2q

27-MAR-74 0941-P RJ: Memo for the Record  
 Received at: 27-MAR-74 15:44  
 Location: (JJOURNAL, 30315, 1:w) 2r  
 Comments: Authored by Jerry Standig 2r1

26-MAR-74 1217-P RJ: Executive-Summary  
 Received at: 26-MAR-74 18:34  
 Location: (JJOURNAL, 30295, 1:w) 2s

19-MAR-74 1349-P Rj NDM: EPAC Primer  
 Received at: 19-MAR-74 14:33  
 Location: (JJOURNAL, 30255, 1:w) 2t  
 Comments: Basic information we needed to get going on Net with  
 SNDMSG and READMAIL, 2t1  
 (mail) 3

18-MAR-75 1523-P RLL: Response to Beck's question on attendees  
 at training courses  
 Distribution: RLL JCN JHB RH SGR DCE JMB  
 Received at: 18-MAR-75 20:40  
 Location: (IJOURNAL, 25592, 1:w) 3a  
 Comments: These are just my 'off the top of my head thoughts'.  
 However this might be an important part of the transfer of  
 technology procedure, minor as it is, 3a1

17-MAR-75 1230-PDT HYSMITH: Expense  
 Distribution: BECK, hysmith  
 Received at: 17-MAR-75 12:30:41 3b  
 Jeanne: I forgot to bring my old expense report out here,  
 Could you send it thru the ppouch to me at SRI, I guess send  
 it to me in care of Joan, It is in the top drawer of the desk,  
 Thanks, Rita, 3b1

17-MAR-75 0906-P JMB: USER DEVELOPMENT REPORT; COURSE AT  
 Pentagon for ARPA=NSW slot (LGY group) 11-MAR-75  
 Distribution: JMB JMB RH SGR SLJ JCN RLL DCE JHB

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Received at: 17-MAR-75 09:51  
 Location: (IJOURNAL, 32106, 1:w) 3c

16-MAR-75 1905=P JMB: USER DEVELOPMENT REPORT; COURSE AT  
 NSRDC=Washington area on March 5-6, 1975  
 Distribution: JMB JMB RH SGR SLJ JCN RLL DCE JHB  
 Received at: 16-MAR-75 19:37  
 Location: (IJOURNAL, 32104, 1:w) 3d

16-MAR-75 1824=P JMB: USER SERVICES REPORT: COURSE FOR USERS  
 OF SRI SLOT: AT SRI=Washington  
 Distribution: JMB JMB RH SGR SLJ JCN RLL DCE JHB PWO  
 Received at: 16-MAR-75 18:40  
 Location: (IJOURNAL, 32103, 1:w) 3e

16-MAR-75 1821=P JMB: item you and I could send out to push  
 for dnls stuff at sri-wash  
 Distribution: JMB RH  
 Received at: 17-MAR-75 17:49  
 Location: (IJOURNAL, 25579, 1:w) 3f

16-MAR-75 1650=P JMB: USER SERVICES REPORT: COURSE FOR USERS  
 OF SRI SLOT: AT SRI=Washington  
 Distribution: JMB JMB RH SGR SLJ JCN RLL DCE JHB PWO  
 Received at: 16-MAR-75 17:39  
 Location: (IJOURNAL, 32102, 1:w) 3g

14-MAR-75 1218=EDT ROETTER at BBN=TENEXB: logging into bbnb  
 Distribution: BECK AT OFFICE=1, hysmith at office-1  
 received at: 14-MAR-75 09:18:04 3h

I just discovered that when at bbnb light 3 doesn't come on  
 till you get into nls. I don't know what directory you were  
 trying to use - let me know and we can get some idents  
 associated with it. In the meantime you can use mine if you  
 want. 3h1

I'm going to get a rough draft of how much time has been spent  
 different places today - will send you a copy or link so you  
 can give me your inputs. Susan 3h2

14-MAR-75 1104=PDT ROETTER: record of training  
 Distribution: BECK, hysmith  
 Received at: 14-MAR-75 11:04:24 3i

(office=1,roetter,record,) is a first attempt to record what  
 the status of training has been. Please take a look and let me  
 know what corrections need to be made. Also this format was

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just easy to start with - if you think there might be an easier  
one let me know, 311

Jeanne - let me know which times Rita helped to the point that  
a client should be charged for her being there, 312

Next thing I'll do is compare what's been given with what's  
been paid for and I'll send that when I've got it. That will  
be particularly releveant for ARPA 313

Let me know of dates for Gunter etc. - 314

Thanks Susan 315

14-MAR-75 0827-PDT ROETTER: san diego  
Distribution: HYSMITH  
Received at: 14-MAR-75 08:27:33 31

After almost calling the whole thing off again ... we will go!  
The address for Royal Inn is 4875 No. Harbor Dr. , Pt. Loma  
I'll bring plenty of copies of basiccourse, primer, cue card,  
command summary etc. See you there about 9 Sunday night,  
Susan 311

13-MAR-75 0931-P JMB: Distribution of DEX documentation to  
Architects at meeting  
Received at: 13-MAR-75 11:08  
Location: (IJOURNAL, 32076, 1:w) 3K

13-MAR-75 0828-PDT HYSMITH: Message  
Distribution: LIEBERMAN, LIEBERMAN AT SRI-ARC, hysmith  
Received at: 13-MAR-75 08:28:53 31

Rob: Dr. Boyd's office called and they can't make it today.  
The demo will have to proceed tomorrow as scheduled. Also  
please call Shirley Martin of AMC at 274-8949;50, Rita, 311

12-MAR-75 1004-PDT MARTINEZ: THIS MORNING  
Distribution: BECK, AVRUNIN, BRIGNOLI, feedback, bair,  
roetter, hysmith, norton, martinez,, pollack, wheat, oper  
Received at: 12-MAR-75 10:04:18 3m

IN RESPONSE TO VARIOUS MESSAGES I HAVE THE FOLLOWING INPUTS:  
-OUR NEED TO BACKUP THE SYSTEM'S FILE STRUCTURE WAS DONE ON AN  
EMERGENCY BASIS, BEYOND THE LOST WORK FROM THIS MORNING UNTIL  
0630 PDT, THERE WAS NO DATA LOST, THE PRIMARY SOURCE OF THIS  
EMERGENCY WAS THAT THE FILE SYSTEM THIS MORNING WAS  
OBSOLETE FOR SEVERAL USERS, 3m1

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- IT IS A STANDARD POLICY FOR ADEQUATE NOTIFICATION TO USERS ON SUCH OCCASIONS TO BE ISSUED, TODAY'S LAG IN THAT NOTIFICATION IS VERY REGRETABLE AND I BOTH TAKE RESPONSIBILITY FOR IT AND ASSURE YOU THAT IT WILL NOT REOCCUR IN THE FUTURE, 3m2
- DURING THE PERIOD PRIOR TO 0630 THERE IS NO REASON TO BELIEVE THAT THE PRIVACY OF ANY USER'S FILES WERE COMPROMISED AT ANY POINT, ENTRIES IN A FILE'S DIRECTORY LISTS FOLLOWING A REBUILD DO NOT PERMIT ANY LEVEL OF ACCESS BEYOND WHAT THE USER HAS INTENDED FOR HIS FILES, 3m3
- I HOPE THE PREVIOUS INPUTS HELP TO SOOTH (SOMEWHAT) THE DISMAY THAT FOLLOWED THIS MORNING'S PROBLEMS, LET ME KNOW IF MORE INFO IS DESIRED, THANK BOBM TYM/OFFICE-1 3m4
- 12-MAR-75 0748-PDT HYSMITH: Next Week  
Distribution: ROETTER, hysmith  
Received at: 12-MAR-75 07:48:54 3n
- Susan: I'mm going to go ahead and make reservations to be in Menlo on Monday, I'll need them anyway and I can always change Monday and Tuesday to San Diego if we hear soon enough, Rita. 3n1
- 12-MAR-75 0743-PDT HYSMITH: yes!  
Distribution: BECK, hysmith  
Received at: 12-MAR-75 07:43:57 3o
- JJeanne: My Journal mail from yesterday was lost, I do still have the sndmsg version of it though, All the changes I made to my initials file yesterday were lost, The message I sent you earlier this morning was apparently lost also ((at least my copy of it), Rita. 3o1
- 11-MAR-75 0654-PDT ROETTER: san diego  
Distribution: BRIGNOLI, hysmith  
Received at: 11-MAR-75 06:54:26 3p
- Any word yet on san diego? We need to know in order to make plans (reservations etc, for next week), Thanks --Susan 3p1
- 11-MAR-75 0652-P SGR: Misc training stuff

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Distribution: SGR JMB RH SLJ  
 Received at: 11-MAR-75 09:01  
 Journal Message 32024

3q

Go ahead and include JHB on any training reports you do. As I mentioned before I'd like to get away from having formal training reports and instead keep the user file up to date. I still don't have a copy of it but I'll take care of that when I get back to CA end of this week. Let's go ahead and set up an ident us. Membership: sgr,jmb,rh,slj. Sandy maybe you can take care of that. Rita as for San Diego I still don't know - will send another message to Brignoli today to try to get it clarified. Let you know as soon as I do. Susan  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\*

3q1

11-MAR-75 0647-P SGR: Test of responsiveness (32021,) (32020,) and (25533,)

Distribution: SGR JMB CHI RH JCN  
 Received at: 11-MAR-75 09:01  
 Journal Message 32023

3r

I do have a directory at bbnb that you can use Jeanne if you don't have your own. My password is sgr. You may have one too I don't know. When you login in there you have to say login first. If you have time go ahead and do some comparisons. If you don't maybe Rita would have time to do something like that. Let me know what you plan to do. Susan  
 \*\*\*\*\*Note: [ ACTION ] \*\*\*\*\*

3r1

10-MAR-75 1827-PDT BECK(JMB) at OFFICE-1:  
 Distribution: , HYSMITH at  
 Received at: 10-MAR-75 18:27:44

3s

Yeah, betty finney did link to me, thanks, Jeanne

3s1

10-MAR-75 1512-PDT HySMITH:  
 Distribution: BECK, hysmith  
 Received at: 10-MAR-75 15:12:23

3t

Jeanne: Sorry about the cold, glad the eye wasn't anything serious. Say did Betty Finney get ahold of you? I tried to call you but your line was busy and I got refused when I tried to get on the system. She had called at ARPA today and wanted to confirm the class and the number of people for tomorrow. I didn't want to give her your home phone number so I told her to try linking to you and that I would also try to get in touch. I assume by this time that she hopefully was able but I just nted to also confirm her call. Rita,

3t1



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10-MAR-75 1501-PDT HYSMITH: jobs!  
 Distribution: OPER, martinez, hysmith  
 Received at: 10-MAR-75 15:01:45

3u

I had two jobs left in a wierd state today. They are still on the system. One is tty27, job 20 - the other tty32, job 5. Both htimes the system left me in a wierd state where I couldn't even just detach the job, let alone logging out normally. Had the hardest time working on the system today. Respponse was terrible (maybe it was the snow, did it snow there also). Rita,

3u1

9-MAR-75 1618-PDT ROETTER: misc  
 Distribution: BECK, jordan  
 Received at: 9-MAR-75 16:18:53

3v

Go ahead and schedule some time with the NSW people. Do it a week when you don't have anything else scheduled (aside from ARPA that is!) If Connie is still concerned you can tell her one of two things. ARPA is only due about 3 days a week so you can be away 1-2 days a week. Also when I get back one of the first things I'm going to do is try to figure out what we've given people so fer (in # of days) - then we can see if ARPA is indeed getting their fair share - weeks away and all considere

3v1

I'll be flying to CA Wed night. The Panama City leg of the trip has been cancelled for a bit beause of a government thing called minimize - that means the people there can't use their AUTOVON lines and therefore can't use their terminals. So one of us will go a little later. San Diego on the 17th is still up in the air.

3v2

Jeanne - fine with me if you come to CA first week of April.

3v3

Rita - will you be coming out next week (17th)? if not, let me know whenyou're thinking of coming - I want to schedule training for whenever that we will do together.

3v4

Hope things there are OK. Really cold here (Boston) - will be in touch later. Susan

3v5

8-MAR-75 1018-PDI FEEDBACK(FEED) at OFFICE-1: Ident Change  
 Distribution: , keeney at BBNB, JORDAN, PETERS, MARTINEZ,  
 FEEDBACK at  
 Received at: 8-MAR-75 10:19:02

3w

Marcia: please set up an ident for Rita Hysmith, same information as Rita Jordan (RJ) except that both idents should have nls delivery to the new Hysmith directory at 0-1.

3w1

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- 7-MAR-75 1643-PDT MEYER: The Gift  
Distribution: HYSMITH  
Received at: 7-MAR-75 16:43:37 3x
- Rita: Thank you very much for the suprise gift vva SRI pouch!!! Really appreciate your remembering and taking the trouble (although I hope there won't be anytrouble beyond the initial effort!). That was really neat. It sunny, warm, with a soft misty sprinkle here,.. look forward to seeing you soon,.. (I cut my hair off) (two weeks till quarter done..time your trip for the blast off!) --D 3x1
- 7-MAR-75 1212-PDT HYSMITH: Time Card  
Distribution: HAMILTON AT SRI=ARC, hysmith  
Received at: 7-MAR-75 12:12:35 3y
- Joan: I guess charge it as usual. The only thing I'm not sure about is yesterday and wednesday. Those two days I spent with Jeanne at NSRDC; however most of the time I was just observing, I didn't spend more than 1/2 a day in actual training. You might want to check with Jim to see if he wants to charge them at all. Have a nice weekend. Rita. 3y1
- 7-MAR-75 1200-PDT HYSMITH: Identifications  
Distribution: NSRDC, hysmith  
Received at: 7-MAR-75 12:00:12 3z
- Joan, Barbara, Kent (and anyone else who is interested): 3z1
- I finally remembered how to find out someone's ident. First you go into NLS. Then type G S (for goto (subsystem) C: Sendmail) <CR>. Then type space SH R (for <>SHOW C: Record (for ident)); at this point you can either supply the system with initials or ,lastname (you do not need to put a period in front of initials) and a <CR>. Just quit to get back to BASE, Rita Hysmith. 3z2
- 27-FEB-75 2121-PST ROETTER at SRI=ARC: activities for March  
Distribution: JORDAN AT OFFICE-1, roetter, beck  
Received at: 28-FEB-75 02:15:55 3a0
- I must apologize for not being in touch this week but it has been overly hectic. Thanks for the note on the China exhibit - I'm going to count on it coming to SF after all and try to see it here,.. 3a01
- I'd like you to do whatever you can to help Jeanne Beck the first 2 weeks of March. I'm trying to get a Course set up for the first part of the 3rd week in March in Sandiego. If that

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- goes o.k. I'd like you to meet me there (on your next trip out here) and help me teach it. I'll get back to you later on how we can split the course etc. Let me know if that sounds like a good time to come out for another 2 weeks, 3a@2
- In case you don't have enough to do in the meantime... I had a few ideas. I don't know if you've organized your initial file but if you haven't it would be good to look at maybe Norton's and Stone's initial files and try organizing your so it's useable. It's a good thing to show people if they want some kind of demonstration, 3a@3
- Also if you haven't tried sending journal mail using the insert sendmail and insert status commands you might try those two to see how they work. You'll probably get a chance to make some process command branches with Jeanne but if not that is something else you should understand, 3a@4
- Also, it would be worth a little time to look through the basic course and second course to see if you have any questions about what's there or why etc, 3a@5
- Hope things are going well for you there. Let me know if there's something I can do for you here. Susan 3a@6
- 27-FEB-75 1142-P JMB: USER SERVICES REPORT: COURSE FOR USERS OF SRI SLOT: AT SRI-WASHINGTON  
Distribution: JMB JMB RJ SGR SLJ JCN RLL DCE  
Received at: 27-FEB-75 15:42  
Location: (HJOURNAL, 31909, 1:w) 3aa
- 27-FEB-75 1021-PST JOHNSON at SRI=ARC: spring is almost here, boing, boing boing...  
Distribution: JORDAN AT OFFICE-1  
Received at: 27-FEB-75 10:21:22 3ab
- thank you for letting me know ...tom little's office is always bogged out.....i will indeed pull at them by the short and curlies...say hi to simon for us.....after while crockidile... 3ab1
- 27-FEB-75 0951-PDT PETERS: <HYSMITH> DIRECTORY  
Distribution: JORDAN, MARTINEZ  
Received at: 27-FEB-75 09:51:56 3ac
- SINCE THE ARC MACHINE WILL BE GOING AWAY IN A FEW DAYS, THERE WILL NEVER BE A <HYSMITH> DIRECTORY AT ARC. HOWEVER, THERE WILL BE A <HYSMITH> AT BBN ON MONDAY OR WHENEVER THEY ARE READY TO GIVE US SERVICE

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- THERE,  
AND BOB M. WILL CREATE YOUR DIRECTORY AT OFFICE-1. BOB =  
PASSWORD  
SHOULD BE MRH, DISC SPACE = 300 PAGES, AND ACCOUNT NUMBER  
WHATEVER  
<JORDAN> IS NOW, = JEFF 3ac1
- 27-FEB-75 0802-PDT JORDAN: Hysmith Directory  
Distribution: PETERS, MARTINEZ, jordan  
Received at: 27-FEB-75 08:02:57 3ad
- I don't mean to be a nag you two, however I as wondering what  
the status was on my new directory, Rita Jordan Hysmith  
(whatever). 3ad1
- 27-FEB-75 0756-PDT JORDAN: terminals  
Distribution: JOHNSON AT SRI-ARC, jordan  
Received at: 27-FEB-75 07:56:33 3ae
- Sandy: Two weeks ago I called dear ole George who said he  
would initiate the transfer ASAP, however he said he would need  
a letter of authorization that he said could only come from our  
Po Department, care of Tom Little, I called his office and  
they said they would get it out to George right away, George  
said he would go ahead without waiting for the letter though  
he would need it later to back him up, Got that, I think the  
people to start bitching at are in Tom Littles office, Ms,  
Mirand  
Rita, 3ae1
- 26-FEB-75 1952-P JHB: Training Schedule... as of Jan 75(UD)  
Received at: 28-FEB-75 09:48  
Location: (HJOURNAL, 25499, 1:w) 3af
- Comments: Susan, This may be useful to you in setting up your  
schedules, It does show the training given as of Dec 74. It  
was the neatest way of letting everbody know, Numbers in front  
of idents are the actual date of arrival, Jim 3af1
- 26-FEB-75 1602-PST JOHNSON at SRI-ARC: repshsydgwwd  
Distribution: JORDAN AT OFFICE-1  
Received at: 26-FEB-75 16:01:07 3ag
- martin asks again what about that terminal you were seeing  
about,,,e 9ads where is it??? xxxms, miranda 3ag1
- 25-FEB-75 1734-PDT JORDAN: sick leave  
Distribution: JOHNSON AT SRI-ARC, HAMILTON AT SRI-ARC, jordan  
Received at: 25-FEB-75 17:34:14 3ah

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- I didn't know who to send this too so I thought I would send it to both of you. I was off sick today and will have to take off tomorrow also. I developed a California virus infection. Not healthy. See you soon, Rita, 3ah1
- 25-FEB-75 1456-PST BAIR(JHB) at SRI-ARC: Thanks  
Distribution: , BAIR, jordan at OFFICE-1  
Received at: 25-FEB-75 16:17:11 3a1
- Rita, Thanks for your help on the notebook. I think it was great the way you took off and did such a good job after my asking you. The quality was as good as it could be. Thanks also for your comments on the DNLS thing, I'll keep them as I prepare the official version. Have fun in DC, Jim 3a11
- 24-FEB-75 0735-P JMB: USER SERVICES REPORT: COURSES FOR USERS OF ARPA-NSW SLOT: AT AFDSC at Pentagon  
Distribution: JMB JMB RJ SGR JCN SLJ DCE RLL  
Received at: 24-FEB-75 08:38  
Location: (HJOURNAL, 31900, 1:w) 3aj
- 24-FEB-75 0730-P JMB: USER SERVICES REPORT: ARPA-DNLS course for J.C.Licklider  
Distribution: JMB JMB RJ SGR JCN SLJ DCE RLL  
Received at: 24-FEB-75 08:38  
Location: (HJOURNAL, 31899, 1:w) 3ak
- 14-FEB-75 1636-PST JORDAN: 1200 Baud  
Distribution: JOHNSON AT SRI-ARC, hardy at sri-arc, jordan  
Received at: 14-FEB-75 16:36:30 3al
- Sandy: I have gotten in touch with the salesman and he is finally getting the paperwork started to ship it from WDC to Ca. He promised me that he would do it ASAP. The only thing he needs is a letter confirming the order from our Purchasing Department, whom I have already gotten in touch with to handle it. He (the salesman) said he would get right on it without waiting for the letter. Rita, 3a11
- 14-FEB-75 1329-PST JOHNSON at SRI-ARC: 1200 baud  
Distribution: JORDAN AT OFFICE-1, hardy  
Received at: 14-FEB-75 13:41:13 3am
- rita, what developments are there on getting the 1200 baud termi-nette back here,,,martin says we will be needing it very soon,,sandy 3am1
- 13-FEB-75 1718-PST NORTON at SRI-ARC: ARC Applications Group Meeting Friday 2/14

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Distribution: BAIR, LIEBERMAN, HOPPER, PETERS, ENGELBART,  
FEINLER,, JORDAN AT OFFICE-1, ROETTER, JOHNSON, BONDURANT,  
KEENEY,, HARDY, norton  
Received at: 13-FEB-75 17:19:31

3an

We need to meet to discuss our plans for the KWAC Meeting next week. We have a tentative agenda to go over. Also, the organization of Applications as it is now shaping up needs discussion.  
I'm planning for 1:30 Friday in the conference room. I'd like to hear from anyone who cannot make it at that time. If too many, we can try to reschedule. Jim

3an1

12-FEB-75 10:57 216 : Net mail from site SRI-ARC  
Distribution: JORDAN  
Received at: 12-FEB-75 13:07:11

3ao

JMB 12-FEB-75 10:57 25367  
Home office coordination==additions to my schedule  
Location: SRI-ARC <HJOURNAL>25367,NLS;xnl  
\*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\*

3aol

12-FEB-75 1057-P JMB: Home office coordination==additions to my schedule  
Distribution: JMB UD  
Received at: 13-FEB-75 05:41  
Location: (HJOURNAL, 25367, 1;w)

3ap

12-FEB-75 0854-PST BECK at SRI-ARC: The NSW class found a confusing error in the basic course  
Distribution: FEEDBACK AT OFFICE-1, BAIR, ROETTER, JORDAN AT OFFICE-1  
Received at: 12-FEB-75 08:55:23

3aq

This was an error I hadn't caught the times I went through the basic course: [page 12 on the XGP copy] Under Sendmail where it says one can put in a statement instead of a message in the Interrogate command  
"<>Statement"  
If one types a space, there is no way they will ever get "Statement"; after the space, everything one types (except DEL etc.) gets the bell.  
To get Statement IN THE INTERROGATE COMMAND (which is where they are to substitute statement for message), one merely types S.

3aq1

10-FEB-75 17:44 900 : Net mail from site SRI-ARC  
Distribution: JORDAN  
Received at: 10-FEB-75 18:45:21

3ar

## Attendance List of Navy Briefing March 18, 1975

KIRK 10-FEB-75 17:44 25335

No resources for documenting bugs

Message: If we do not have the resources to comment out commands that

do not work as stated in JHB's 25321, we certainly do not have the

resources to realistically hope that someone will see when such a

command has been implemented and notify all of the appropriate people

to go around and change all of the documentation. It is true that

there are many such cases, not just Undelete Modifications. I suggest

that the documentation (at least the NLS-8 glossary) have a description of the command as it is supposed to work if the command is

available to the user. We do not have the resources to document nor

update the documentation of bugs. Commands that are not implemented

should not be made available to the user.

\*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\*

3er1

10-FEB-75 1744-P KIRK: No resources for documenting bugs

Distribution: KIRK JHB DIRT UD RLL RABY MEH JCN

Received at: 10-FEB-75 19:37

Journal Message 25335

3as

If we do not have the resources to comment out commands that do not work as stated in JHB's 25321, we certainly do not have the resources to realistically hope that someone will see when such

a command has been implemented and notify all of the appropriate people to go around and change all of the

documentation. It is true that there are many such cases, not just Undelete Modifications. I suggest that the documentation

(at least the NLS-8 glossary) have a description of the command as it is supposed to work if the command is available to the

user. We do not have the resources to document nor update the documentation of bugs. Commands that are not implemented

should not be made available to the user.

\*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\*

3as1

10-FEB-75 12:43 298 : Net mail from site SRI=ARC

Distribution: JORDAN

Received at: 10-FEB-75 13:41:38

3at

JHB 10-FEB-75 12:43 25321

What To Do About Commands Not Implemented Or Prohibitively Bugged

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, re,  
31806,  
Location: SRI-ARC <HJOURNAL>25321,NLS;xnls  
\*\*\*\*\*Note: [ ACTION ] \*\*\*\*\*

3at1

Comments: Suggestion in response to POOH's question,

3at2

10-FEB-75 1243=P JHB: What To Do About Commands Not Implemented  
Or Prohibitively Bugged , re, 31806,  
Distribution: JHB UD POOH KIRK DVN RLL RA3Y MEH JCN  
Received at: 10-FEB-75 18:41  
Location: (HJOURNAL, 25321, 1:w)

3au

Comments: Suggestion in response to POOH's question,

3au1

7-FEB-75 1034=PST O'KEEFE: various items  
Distribution: BERTRAND, o'keefe  
Received at: 7-FEB-75 10:34:05

3av

Hal, I have several questions with regard to how some of these files ought to be set up.

When we were looking at agency codes in the Project file, Questions arise as to whether the Federal Energy Office (FEO) and the Federal Energy Agency (FEA) had client codes - are these part of the same or different agencies and should they have separate codes? What does CEQ stand for? Do the Office of Coal Research and the Bureau of Mines fall within the Dept. of Interior or should they be separate?

How fine a breakdown on funding would you like? Say < 30K, between 30 and 50 K, between 50 and 100K, 100 to 300 K, over 300K.

Does the visits by agencies file look like the contact file?  
Is the PDG Activity Log ordered by clients, application, or staff member?

Pat

3av1

7-FEB-75 08:557 200 : Net mail from site OFFICE-1  
Distribution: JORDAN  
Received at: 7-FEB-75 11:27:25

3aw

JHB 7-FEB-75 08:55 31818  
VISITLOG, JAN 30, 75, Alex Curran  
Location: OFFICE-1 <HJOURNAL>31818,NLS;xnls  
\*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\*

3aw1

7-FEB-75 0855=P JHB: VISITLOG, JAN 30, 75, Alex Curran  
Distribution: JHB UD JCN DCE RWW RA3Y MEH  
Received at: 7-FEB-75 11:26  
Location: (HJOURNAL, 31818, 1:w)

3ax



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- 6-FEB-75 16:11 203 : Net mail from site OFFICE-1  
 Distribution: JORDAN  
 Received at: 6-FEB-75 16:35:58 3ay
- JMB 6-FEB-75 16:11 31810  
 What I've done with the basic course  
 Location: OFFICE-1 <HJOURNAL>31810,NLS;xnl  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3ay1
- 6-FEB-75 1611-P JMB: What I've done with the basic course  
 Distribution: JMB JHB FDBK SGR UD  
 Received at: 6-FEB-75 16:34 3az  
 Location: (HJOURNAL, 31810, 1:w)
- 5-FEB-75 1238=PST JORDAN: problems  
 Distribution: MARTINEZ, jordan 3be  
 Received at: 5-FEB-75 12:38:25
- Bob: Yesterday afternoon my connection was suspended do to net  
 trouble and the system left my job in a wierd state. The  
 system considered me working in NLS forseveral hours after the  
 suspension until they took the system down last night. I have  
 been suspended an average of 3-4 times a day for the past week  
 or so (though I don't know if you can do anything about that  
 except complain to the net people),  
 Thought you should know, Rita, 3be1
- 4-FEB-75 1858=PST BECK: Chance for you to observe a TNLS class  
 Distribution: JORDAN  
 Received at: 4-FEB-75 18:58:58 3ba
- This Thursday FEB 6th at 8:30 a.m., I am giving the basic TNLS  
 course to Hal Bertrand and Marie Scott of SRI-wash--and  
 probably located in the room next to your desk. You may come  
 along and observe, help, etc, if you like, (Remember that this  
 will be my very first real class with more than one person  
 attending),  
 Jeanne 3ba1
- 4-FEB-75 1706=PST O'KEEFE: project file  
 Distribution: BERTRAND, o'keefe  
 Received at: 4-FEB-75 17:06:42 3bb
- Hal,  
 How many projects would you estimate would be active at the  
 Institute in the three areas of interest to the PDG group? I  
 am trying to estimate the file size of the subset of the MIS  
 files that you would be interested in having on line. Thanks,  
 Pat 3bb1

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4-FEB-75 1348-PST JOHNSON:  
 Distribution: JORDAN  
 Received at: 4-FEB-75 13:48:22 3bc

use 750D11 for charge, i have your time card, i'll fill them out,  
 be good to see you ,,,maybe we can all go out and whoop it up a little 3bc1

4-FEB-75 1130-PST JORDAN: sssss  
 Distribution: JOHNSON AT SRI-ARC, jordan  
 Received at: 4-FEB-75 11:30:25 3bd

Sandy: Hello, I'm getting my act together to be out there next week. My flight and hotel reservations have been made already and I was wondering what charge number to use. 3bd1

I was also wondering where my time card is, it didn't show up here this week and I didn't know whether to take it personal or not. 3bd2

I guess that is it for now. It's snowing here again!!!! Just started! Rita, 3bd3

4-FEB-75 0800-PST JORDAN: Menlo Park  
 Distribution: NORTON, jordan  
 Received at: 4-FEB-75 08:00:20 3be

Hi jim: just thought I would add to your 40 some sndmsgs a day. 3be1

I have been in touch with Jeanne and she has given me a few things to help her out with, I have also made travel arrangements and plan to be in MP Sunday night the 9th, I made reservations at the hot spot of Menlo park (mermaid Inn), Rita, 3be2

2-FEB-75 23:05 592 : Net mail from site SRI-ARC  
 Distribution: JORDAN  
 Received at: 3-FEB-75 09:43:47 3bf

JMB 2-FEB-75 23:05 25278  
 SRI/ARC INLS COURSE 2: INTRODUCTION TO STRUCTURE AND VIEWING  
 Location: SRI-ARC <HJOURNAL>25278,NLS;xnl5  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3bf1

Comments: This is the first formal publication in the Journal of  
 the second course, It is being released for JMB 's use this

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week

in WashDC, and has been used by JHB and SGR in earlier versions,

It is created from a master course file by filtering out unrelated

levels. Comments welcome especially before release to KWAC et, al,

Jim

3bf2

2-FEB-75 2305=P JHB: SRI/ARC TNLS COURSE 2: INTRODUCTION TO STRUCTURE AND VIEWING

Distribution: JHB JCN JMB UD RLL RA3Y

Received at: 3-FEB-75 06:44

Location: (HJOURNAL, 25278, 1:w)

3bg

Comments: This is the first formal publication in the Journal of the second course. It is being released for JMB 's use this week in WashDC, and has been used by JHB and SGR in earlier versions. It is created from a master course file by filtering out unrelated levels. Comments welcome especially before release to KWAC et, al, Jim

3bgi

2-FEB-75 14:42 665 : Net mail from site SRI-ARC

Distribution: JORDAN

Received at: 3-FEB-75 08:52:39

3bh

&SRI-ARC 2-FEB-75 14:42 25275

SRI/ARC BASIC TNLS-8 COURSE

Location: SRI-ARC <HJOURNAL>25275,NLS;xn1s

\*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\*

3bhi

Comments: This is a revised version of the first course in NLS,

designed by ARC to be minimally complex and yet contain the commands necessary to enable a user to enter, edit, and 'mail'

text. It is intended to be used by ARC trainers in all beginning

courses although Architects are welcome if they have to provide

their own training. Completion time ranges from 1/2 to 2 days,

printed copies are available from User Development,

3bh2

31-JAN-75 0815-PST HARDY at SRI-ARC: G,E, 1200 Baud TerMiNet,

Distribution: JORDAN AT OFFICE-1, hardy

Received at: 31-JAN-75 08:15:29

3bi

Reta:

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- No, I have not gotten a hold of George Rangitch. If you could handle it would be very helpful. You might want to wait until about tue of next week to give Russell a chance to respond.  
..martin.. 3b11
- 31-JAN-75 0810=PST MABREY at OFFICE-1: Net mail from site  
OFFICE-1  
Distribution: JORDAN AT OFFICE-1, mabrey  
Received at: 31-JAN-75 08:10:59 3bj
- Rita: Arlie will be in WDC Tuesday morning. The reason he is going is to check about the offices, storage, etc. I asked him if he wanted anything done in the interim and he said that it could wait until Tuesday.  
How is everything in WDC? It sure is cold here!!  
Have a happy day. Kath 3bj1
- 31-JAN-75 0627=PST JORDAN: 1200 Terminette  
Distribution: HARDY AT SRI=ARC, jordan  
Received at: 31-JAN-75 06:27:16 3bk
- Martin: Were you able to get ahold of George Rangitch or should I call him. Rita, 3bk1
- 30-JAN-75 0958=PST HARDY at SRI=ARC: G.E. 1200 Baud TermiNet.  
Distribution: RUSSELL AT ISI, hardy, norton, jordan at office-1, beck  
Received at: 30-JAN-75 16:25:57 3b1
- Dave:< HARDY, GE,NLS;1, >, 30-JAN-75 09:51 MEH ;;; 3b11
- In Sept 74 we ordered a 1200 baud G.E. TermiNet terminal for use on SRI EPAC project 2513. This terminal was delivered to SRI-WASH then later moved to the ARPA office. 3b12
- Dave Brown and Arlie Capps have informed me that project 2513 has been extended, but without funds to continue leasing the TermiNet. 3b13
- I have asked Reta Jordan to make arrangement with the leasing company to have the Terminett removed from the ARPA office and installed here at SRI for use on another project. 3b14

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If for some reason you would like to keep the TermiNet and transfer the lease please advise, 3b15

..martin.. HARDY@SRI=ARC 3b16

30-JAN-75 0728-P JMB: ESTIMATE OF PROPORTIONS OF MY TIME SPENT  
LAST 2 1/2 WEEKS AT ARPA  
Received at: 30-JAN-75 06:41  
Location: (HJOURNAL, 31741, 1:w) 3bm

Comments: Estimates compiled at JHB's request 3bm1

30-JAN-75 0728-PST 283 : Net mail from site OFFICE-1  
Distribution: JORDAN  
Received at: 30-JAN-75 13:00:33 3bn

30-JAN-75 0728-PST JMB: ESTIMATE OF PROPORTIONS OF MY TIME  
SPENT LAST 2 1/2 WEEKS AT ARPA  
Distribution: JMB JHB UD RLL DCE JCN MEH  
Location: OFFICE-1 <HJOURNAL>31741,NLS,xnls 3bn1

Note: [ INFO=ONLY ] 3bn1a

Comments: Estimates compiled at JHB's request 3bn2

29-JAN-75 1130-PST JORDAN:  
Distribution: MABREY, jordan  
Received at: 29-JAN-75 11:30:44 3bo

Kathey: Do you have any idea of when Arlie Capps is coming  
bback to WDC? Different people have been asking me (I think  
they have their eye on the offices), Check with him, if you  
could please, to see if there is anything I can do in the  
interim, perhaps with storing some of the files and different  
DEIS reports. Talk to you later, Rita. 3bo1

28-JAN-75 0614-PST JORDAN: Tonight  
Distribution: NORTON, jordan  
Received at: 28-JAN-75 06:14:48 3bp

No problem tonight. As far as the number goes, You can  
carefully call (ha) 338-7326. Maybe we can meet at the usual  
time (or when the bar opens) at say 8, or earlier or later,  
whatever, does not matter, Rita. 3bp1

28-JAN-75 0455-PST NORTON: tonight  
Distribution: JORDAN, norton  
Received at: 28-JAN-75 04:55:54 3bq

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any chance of getting together tonight maybe at the marriott?  
time to talk some more i got yer message re hgf  
i got the new salary figure from bob wing's office (but  
stupidly didn't bring it) oh well, i can call back later.  
do you have any public telephone numbers i can use to call you  
on? (haha) Jim 3bq1

24-JAN-75 1206=P JHB: FORMAT FOR USER DEVELOPMENT TRIP AND/OR  
COURSE REPORTS  
Distribution: JHB UD DCE JCN RLL  
Received at: 26-JAN-75 13:45  
Location: (HJOURNAL, 25207, 1:w) 3br  
Comments: Subject to revision. 3br1

24-JAN-75 1206=PDT 252 : Net mail from site SRI-ARC  
Distribution: JORDAN  
Received at: 24-JAN-75 15:25:55 3bs

24-JAN-75 1206=PDT JHB: FORMAT FOR USER DEVELOPMENT TRIP  
AND/OR COURSE REPORTS  
Distribution: JHB UD DCE JCN RLL  
Location: SRI-ARC <HJOURNAL>25207,NLS;xnl 3bs1  
Note: [ ACTION ] 3bs1a  
Comments: Subject to revision. 3bs2

24-JAN-75 1117=PDT JORDAN: 1200  
Distribution: HARDY, jordan  
Received at: 24-JAN-75 11:17:42 3bt  
Martin: I just spoke with Jeannie B, at ARPA, Does Col,  
Russell know that the 1200 is being sent to Menlo? Rita. 3bt1

24-JAN-75 0628=PDT JORDAN:  
Distribution: JOHNSON, jordan  
Received at: 24-JAN-75 06:28:13 3bu  
Sandy: It is on its way, from what the couriers told me it  
should be there in your office this morning, Rita. 3bu1

23-JAN-75 1400=PDT JOHNSON at SRI-ARC: again  
Distribution: JORDAN AT OFFICE=1  
Received at: 23-JAN-75 14:01:18 3bv  
dirk is coming there tuesday, he can bring back a terminal  
(725?) unless it is alred sent, let me know. 3bv1

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23-JAN-75 0855-P JMB: TRAINING REPORT--Mr. William Bangert  
 [ARPA-Program Management Office]  
 Received at: 23-JAN-75 08:43  
 Location: (HJOURNAL, 31695, 1:w) 3bw

Comments: Susan, Jim: This should go in the Users file that is  
 rumored to exist. Please describe future conventions for this  
 type of reporting. 3bw1

23-JAN-75 0855-P 397 : Net mail from site OFFICE-1  
 Distribution: JORDAN  
 Received at: 23-JAN-75 09:44:19 3bx

23-JAN-75 0855-P JMB: TRAINING REPORT--Mr. William Bangert  
 [ARPA-Program Management Office]  
 Distribution: JMB UD CKM  
 Location: OFFICE-1 <HJOURNAL>31695,NLS;xnl 3bx1

Note: [ INFO-ONLY ] 3bx1a

Comments: Susan, Jim: This should go in the Users file that  
 is rumored to exist. Please describe future conventions for  
 this type of reporting. 3bx2

23-JAN-75 0735-PDT JORDAN: Hearts & Flowers  
 Distribution: NORTON, jordan  
 Received at: 23-JAN-75 07:35:04 3by

Jim: I'm sorry I didn't get back to you sooner. Well first  
 things first, I am officially divorced now, I have also been  
 giving serious thought to what we had discussed and I have also  
 had some serious discussions with my chemistry partner. And  
 the net result is that if it is at all possible I would prefer  
 to be based here. This is probably what you were expecting to  
 hear. So.....Rita 3by1

23-JAN-75 0728-PDT JORDAN:  
 Distribution: JOHNSON, jordan  
 Received at: 23-JAN-75 07:28:09 3bz

Sandy: The terminal is now on its way out. The snow here  
 slowed up the couriers on Monday and Tuesday. (A lot of people  
 didn't come in). Our conversation on Friday was to only send  
 one TI, and to keep the other two for Hal Bertrand and me. I  
 was getting the other fixed on Friday also. So anyway it is on  
 its way. Hearts and flowers says WDC for future developments,  
 Rita. 3bz1

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22-JAN-75 1333-PST JOHNSON at SRI-ARC: terminals  
 Distribution: JORDAN AT OFFICE-1  
 Received at: 22-JAN-75 13:36:49 3ce

hi rita,,,,,,are you having fun and all those things n your roller coaster? dave hopper wants me to ask you when you can send terminal ,,i may have missed a msg from you about this,,,cant seem to remember what you said about it,,,its still spring here,,,we ALL have the fever,,,and probably even there in the snow,,,,,see you later,,,,,,sandy mirand, 3c01

21-JAN-75 1630-PST JOHNSON at SRI-ARC: Net mail from site SRI-ARC  
 Distribution: JORDAN AT OFFICE-1  
 Received at: 21-JAN-75 16:33:19 3ca

hi, did you ship terminals?????how is the snow...and the hearts and flowers??? xx the snady lady 3ca1

21-JAN-75 1245-P DVN RWW POOH: Maintenance of NLS-8 Documentation  
 Received at: 21-JAN-75 13:39  
 Location: (HJOURNAL, 25158, 1:w) 3cb

21-JAN-75 1245-P 206 : Net mail from site SRI-ARC  
 Distribution: JORDAN  
 Received at: 21-JAN-75 14:44:32 3cc

21-JAN-75 1245-P DVN RWW POOH: Maintenance of NLS-8 Documentation  
 Distribution: DVN RWW POOH JOAN UD SRI-ARC DIRT  
 Location: SRI-ARC <HJOURNAL>25158,NLS;xnls 3cc1

Note: [ ACTION ] 3cc1a

20-JAN-75 1016-P JHB: USER DEVELOPMENT REPORT: TRIP TO THE EAST COAST, DEC, 74  
 Received at: 20-JAN-75 12:18  
 Location: (HJOURNAL, 25151, 1:w) 3cd

Comments: The following trip report lists users contacted and trained at respective user sites plus brief comments on the NLS course material covered, assistance given, issues raised, client applications, and workshop development, 3cd1

20-JAN-75 1016-P 473 : Net mail from site SRI-ARC  
 Distribution: JORDAN  
 Received at: 20-JAN-75 10:52:32 3ce



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20-JAN-75 1016-P JHB: USER DEVELOPMENT REPORT: TRIP TO THE  
EAST COAST, DEC. 74  
Distribution: JHB JCN SRI-ARC UD  
Location: SRI-ARC <HJOURNAL>25151,NLS;xnl 3ce1

Note: [ INFO-ONLY ] 3ce1a

Comments: The following trip report lists users contacted  
and trained at respective user sites plus brief comments on the  
NLS course material covered, assistance given, issues raised,  
client applications, and workshop development. 3ce2

16-JAN-75 1003-P CHI: Lastname query in SENDMAIL distribution  
lists  
Distribution: CHI SRI-ARC  
Received at: 17-JAN-75 17:40  
Journal Message 25125 3cf

Kirk's 25114 documents a misunderstanding about how ,lastname  
queries work in SENDMAIL and IDENTIFICATION subsystems. When  
you type, LASTNAME you must terminate it with ., or CA or ,  
(comma). SPACE CANNOT be used to terminate a lastname since  
there are obviously lastnames that include the character SPACE  
(van de Riet). Thus, I suggest that as a methodology that you  
always use comma to separate idents and queries in identlists.  
-- Charles,  
\*\*\*\*\*Note: [ ACTION ]  
(Secondary Distribution Copy from JHB)\*\*\*\*\* 3cf1

16-JAN-75 1003-P 675 : Net mail from site SRI-ARC  
Distribution: JORDAN  
Received at: 17-JAN-75 18:44:27 3c9

16-JAN-75 1003-P CHI: Lastname query in SENDMAIL  
distribution lists  
Distribution: CHI SRI-ARC  
Journal Message 25125 3cgl

Kirk's 25114 documents a misunderstanding about how  
,lastname  
queries work in SENDMAIL and IDENTIFICATION subsystems.  
When you  
type, LASTNAME you must terminate it with ., or CA or ,  
(comma).  
SPACE CANNOT be used to terminate a lastname since there are  
obviously

## Attendance List of Navy Briefing March 18, 1975

lastnames that include the character SPACE (van de Riet),  
 Thus, I suggest that as a methodology that you always use comma to  
 separate  
 idents and queries in identlists, -- Charles, 3cg1a

Note: [ ACTION ]  
 (Secondary Distribution Copy from JHB) 3cg1b

13-JAN-75 459 : Net mail from site OFFICE-1  
 Distribution: JORDAN  
 Received at: 13-JAN-75 09:55:00 3ch

UD 13-JAN-75 08:40 31622  
 The Network Login Procedure  
 Location: OFFICE-1 <HJOURNAL>31622,NLS;Xnls 3ch1  
 \*\*\*\*\*Note: Author Copy\*\*\*\*\*

Comments: This is a complete description of the recently  
 introduced  
 Network login procedure. Architects may wish to give their  
 users  
 a simplified tutorial, Since we do not control the Network,  
 and it  
 is experimental, this is subject to change.... 3ch2

13-JAN-75 424 : Net mail from site SRI-ARC  
 Distribution: JORDAN  
 Received at: 13-JAN-75 08:42:58 3c1

JHB 13-JAN-75 08:17 25066  
 Note on recent Network Problems  
 Location: SRI-ARC <GJOURNAL>25066,NLS;Xnls 3c11  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\*

Comments: Architects may wish to distribute this to users at  
 their  
 site. This is a copy of the message sent by the Network  
 Control  
 Center regarding the significant network problems over the  
 past  
 week or so, 3c12

13-JAN-75 0957=PDT JORDAN: Document  
 Distribution: O'KEEFE, jordan, bertrand  
 Received at: 13-JAN-75 09:57:47 3cj

Pat: Half's office has the document but I don't believe he has  
 come in, I believe he mentioned last week that he might not be

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- in at the beginning of the week. He hasn't really tried to use the system yet because he hasn't had enough free time. I'm hoping to train his new secretary sometime in the next few days. Sorry about the delay...it WAS (but no more) so quiet when I left on Wednesday. Rita. 3cjl
- 13-JAN-75 0957-PDT JORDAN: Document  
Distribution: O'KEEFE, jordan, bertrand  
Received at: 13-JAN-75 09:57:47 3cK
- Pat: Hal's office has the document but I don't believe he has come in. I believe he mentioned last week that he might not be in at the beginning of the week. He hasn't really tried to use the system yet because he hasn't had enough free time. I'm hoping to train his new secretary sometime in the next few days. Sorry about the delay...it WAS (but no more) so quiet when I left on Wednesday. Rita. 3cKl
- 13-JAN-75 0950-PDT JORDAN: Draft  
Distribution: MABREY, jordan  
Received at: 13-JAN-75 09:50:19 3cl
- Kathey: I've requested the retrieval of the paper but so far no word on it. I'll go ahead and copy it into Capps' directory as soon as it "arrives". Sorry!! Rita. 3cll
- 13-JAN-75 0840-P UD: The Network Login Procedure  
Distribution: UD KWAC JNH MG DAP UD RLL DIRT  
Received at: 13-JAN-75 08:42  
Location: (HJOURNAL, 31622, 1:w) 3cm
- Comments: This is a complete description of the recently introduced Network login procedure. Architects may wish to give their users a simplified tutorial. Since we do not control the Network, and it is experimental, this is subject to change... 3cm1
- 13-JAN-75 0817-P JHB: Note on recent Network Problems  
Distribution: JHB JNH MG KWAC UD DCR2  
Received at: 13-JAN-75 07:49  
Location: (HJOURNAL, 25066, 1:w) 3cn
- Comments: Architects may wish to distribute this to users at their site. This is a copy of the message sent by the Network Control Center regarding the significant network problems over the past week or so. 3cn1
- 10-JAN-75 1127-PDT O'KEEFE: Vacations

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Distribution: JORDAN, o'Keefe  
 Received at: 10-JAN-75 11:27:37 3co

Rita, You should know better than to try to take a vacation,  
 when your help is so desperately needed by Kath, me, Hal and  
 those other mournful pathetic souls that depend on you. TsK,  
 tsk. And don't think you can just ignore our messages either.  
 We know you are there,  
 Enviously, Pat 3co1

10-JAN-75 0921=PDT O'KEEFE: document printed  
 Distribution: JORDAN, o'keefe  
 Received at: 10-JAN-75 09:21:40 3cp

Rita, Did Hal get the printout of the document that I sent  
 him? I was worried that my instructions were a little cryptic.  
 Thanks, Pat 3cp1

9-JAN-75 2242=PDT BAIR: New NLS users  
 Distribution: JORDAN, bair  
 Received at: 9-JAN-75 22:42:39 3cq

Rita, Yes, thanks for letting me know. I strongly suggest you  
 use the Basic Course Outline which can be printed from the  
 Journal: (24207,). That link will get you a tried and tested  
 thing for almost a year. It contains the ideas of most people  
 here at ARC about what and when different stuff should be  
 covered. I need it to keep me on the track and remind me of  
 what is needs to be covered (I forget). It can help even  
 with an informal thing.  
 Say its good to hear you re still alive...bet you your holidays  
 were good. Mine were, still havent recovered!! Looking  
 forward to your arrival here...what day do you think ?  
 Well, send me a list of those users so we can keep track of  
 how much theyve had (well, not everything theyve had..haha) and  
 take care. Jim 3cq1

9-JAN-75 1826=PDT JORDAN: Thought you ought to know...  
 Distribution: BAIR, Jordan  
 Received at: 9-JAN-75 18:26:08 3cr

Jim: I just wanted to let you know that a couple of people  
 here in the WDC office have approached me to teach them a  
 little of the system. One person is John Crandall (who is  
 working on a proposal with Mike Placko) and the other is Hal  
 Bertrand who works with the PDG group and is corresponding with  
 Pat Whiting-O'Keefe. Both of them though just want to llrn  
 how to access their files and how to receive and send messages.  
 Nothing else for now. Hal's secretary is supposed to be

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- trained in NL  
at a later date with Jean Rivers from what I understand, I  
just thought you should know about these new users,,,Rita, 3cr1
- 9-JAN-75 1820-PDT JORDAN: Thought you ought to know...  
Distribution: BAER AT SRI-ARC, jordan  
Received at: 9-JAN-75 18:20:26 3cs
- Jim: I just wanted to let you know that a couple of people  
here in the WDC office have approached me to teach them a  
little of the system. One person is John Crandall (who is  
working on a proposal with Mike Placko) and the other is Hal  
Bertrand who works with the PDG group and is corresponding with  
Pat Whiting-O'Keefe. Both of them though just want to learn  
how to access their files and how to receive and send messages.  
Nothing else for now. Hal's secretary is supposed to be  
trained in NL  
at a later date with Jean Rivers from what I understand, I  
just thought you should know about these new users,,,Rita 3cs1
- 9-JAN-75 1802-PDT JORDAN: Draft  
Distribution: MABREY, jordan  
Received at: 9-JAN-75 18:02:24 3ct
- Kathy: The document they are looking for has been archived  
(naturally). As a result it is a little difficult for me to  
locate it. It have retrieved one document which is in Capps'  
directory under the title of Research=Plan. I don't think this  
is what they are looking for though, but maybe it will help.  
I'll keep on looking for it. I'm pretty sure though that the  
title of the draft they want is R&D and I sure hope it wasn't  
lost along the way. I do have a hard copy of it here in the  
WDC  
office which I can send out if they want it. I'm on vacation  
today and tomorrow but I have a terminal at home, therefore I  
will be in touch (natch), Rita, 3ct1
- 9-JAN-75 1749-PDT JORDAN: Terminals  
Distribution: KRUZIC, jordan  
Received at: 9-JAN-75 17:49:41 3cu
- Pam: There is no problem with terminal access next week. We  
have three TI's here. Carrol Kerns will need one that day but  
he is the only one I know of who will be using one. I'll  
reserve one for you. See you next week, Rita, 3cu1
- 8-JAN-75 1658-PDT O'KEEFE: draft of PDG-MIS  
Distribution: BERTRAND, jordan, placko, o'keefe  
Received at: 8-JAN-75 16:58:42 3cv

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< O'KEEFE, NEWMSG,NLS:1, >, 8-JAN-75 16:26 PWD ;;;;

Hal,

I have copied a file into your directory which is a draft of the proposal outlining both the work to be done and the attendant costs and time estimates. I hope that it contains the information that you are looking for. I give below instructions for printing it out, Rita

Jordan can help you if there is any difficulty. The document is about 15 pages long.

The following will produce a correctly formatted printout:

(Each command should be followed by a carriage return <cr>.)

Log on as Bertrand and go into nls. (enter "nls")

Set viewspecs to 'wn'. (enter "sewn")

Load the file pdg-draft. (enter "lfpdg-draft")

Print the file using the output to terminal command. (enter "ot<cr>")

Respond to the questions as follows:

Send form feeds? Enter y for yes.

Wait at page break? Enter n for no.

Go? Enter y for yes.

We can discuss the document when you come out.

Pat

3cv1

8-JAN-75 1124-PDT MABREY at OFFICE-1: DEFENSE ENERGY INFORMATION SYSTEM REPORT

Distribution: JORDAN AT OFFICE-1, mabrey

Received at: 8-JAN-75 11:24:58

3cw

Rita: We need to gain access to file containing the discussion draft

of DEFENSE ENERGY INFORMATION SYSTEM, Energy R&D Component, dated 15 March 1974 (contract DACA-23-73-C-0014. This draft is now going

into final printing. Thanks.

3cw1

Kathey

3cw2

8-JAN-75 0937-PDT KRUZIC: computer terminals

Distribution: JORDAN, kruzic

Received at: 8-JAN-75 09:37:01

3cx

I will be giving a presentation in wdc 14,15 Jan 75 and would like to use a terminal in wcd rather than bring one from menlo. Arlie

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thought dave Brown,s people and the COESH center probably both  
 haave protable terminals. I will check on those from here.  
 However, could you please check with Mark Earle and see if he  
 still has that little 1030 terminal  
 thanks rita and happy new year. 3cx1

Pam kruzic 3cx2

7-JAN-75 1212=PDT MABREY at OFFICE-1: JCS PDEIS Demo  
 Distribution: RUSSELL AT ISI, christensen at isi, brown at  
 office-1, capps at office-1,, jordan at office-1, kerns at  
 office-1, mabrey at office-1  
 Received at: 7-JAN-75 12:12:45 3cy

Arrangements have been made with Col. Kusek for a discussion  
 and demo of pDEIS capabilities in the Pentagon on Wednesday  
 morning, 15 January. 3cy1

Carrol Kerns 3cy2

30-DEC-74 0853=PDT JORDAN: use of your directory/telenet file  
 Distribution: JORDAN  
 Received at: 30-DEC-74 08:53:16 3cz

Rita thanks for the typing. I copied telenet.nls;4 to be  
 temp.nls then sequentialized it then sent it across the net.  
 Did not want to use telenet.txt, for i was not sure it was the  
 lates, also needed a back up since i am not sure what the  
 sequenti:lizing and ftping will do,, will let You know how it  
 all turns out.  
 Might be down today. Robert 3cz1

24-DEC-74 1056=PST MEYER at SRI-ARC: While the Post Office  
 struggles,..  
 Distribution: MY FRIENDS:, meyer  
 Received at: 24-DEC-74 10:47:48 3de

My wishes for a happy holiday season and a new year filled with  
 warmth, balance, love, and understanding,..  
 --Dean 3de1

4-DEC-74 387 : Net mail from site OFFICE-1  
 Distribution: JORDAN  
 Received at: 4-DEC-74 09:42:08 3da

JHB 4-DEC-74 09:17 31429  
 Top level view of the Feedback,feed file  
 Location: OFFICE-1 <GJOURNAL>31429,NLS;x;nl  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3da1

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Comments: Doug, This is response to your question yesterday...for your information. An updated design document should be forthcoming. Thanks for your interest, Jim 3da2

4-DEC-74 0917=P JHB: Top level view of the Feedback, feed file  
 Received at: 4-DEC-74 08:36  
 Location: (GJOURNAL, 31429, 11w) 3db

Comments: Doug, This is response to your question yesterday...for your information. An updated design document should be forthcoming. Thanks for your interest, Jim 3db1

3-DEC-74 1241=PDT JORDAN: TI  
 Distribution: KERNS, KERNS AT MULTICS, jordan  
 Received at: 3-DEC-74 12:41:41 3dc

Carrol: Could you please tell Beryl that the number of the terminal under Project 2513 is 12742. Thanks, Rita. 3dc1

27-NOV-74 296 : Net mail from site SRI=ARC  
 Distribution: JORDAN  
 Received at: 27-NOV-74 16:36:52 3dd

JHB 27-NOV-74 12:50 24629  
 USER DEVELOPMENT TRAINING SCHEDULE  
 Location: SRI=ARC <GJOURNAL>24629,NLS;XN1S  
 \*\*\*\*\*Note: [ ACTION ] \*\*\*\*\* 3dd1

Comments: User Development will meet early in Jan to check out and complete the schedule, 3dd2

27-NOV-74 1250=P JHB: USER DEVELOPMENT TRAINING SCHEDULE  
 Received at: 27-NOV-74 13:34  
 Location: (GJOURNAL, 24629, 11w) 3de

Comments: User Development will meet early in Jan to check out and complete the schedule, 3de1

26-NOV-74 454 : Net mail from site 32  
 Distribution: JORDAN  
 Received at: 26-NOV-74 13:25:45 3df

RITA,  
 THE MONDAY TRANSFER APPEARS TO BE REASONABLE.  
 OUR TIP HAS CRASHED ONCE A DAY FOR THE LAST WEEK.  
 WE HAVEN'T HAD MUCH TROUBLE WITH THE INTERFACE HOWEVER,



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IF IT MAKES ANY DIFFERENCE TO YOU WE RUN A 24 HOUR  
OPERATION HERE AND THE FTP IS AVAILABLE ON THANKSGIVING DAY,  
HAVE A NICE  
HOLIDAY

ALAN 3df1

26-NOV-74 0832-PDT JORDAN: FTP  
Distribution: OWEN AT USC-ISI, jordan  
Received at: 26-NOV-74 08:32:12 3dg

Alan: I am planning on transferring the DEIS tape, Monday  
morning, December 2. If there is any conflict about this  
please let me know. If not I will see you on Monday, Happy  
Thanksgiving. Rita Jordan 3dg1

25-NOV-74 1502-PDT MABREY: Update to PDEIS Transfer  
Implementation Plan  
Distribution: JORDAN, mabrey  
Received at: 25-NOV-74 15:02:38 3dh

Rita 3dh1

I have incorporated changes made by Dave Brown and Carrol Kerns  
to this document. A copy is available in Capps directory  
called CAPPSPLAN. Let us know if there are any further changes  
to this document. 3dh2

Yours in turkey, 3dh3

Kathey 3dh4

21-NOV-74 1141-PDT JORDAN: Thank You all  
Distribution: NORTON, JOHNSON AT SRI-ARC, MEYER AT SRI-ARC,  
jordan  
Received at: 21-NOV-74 11:41:30 3d1

I just wanted to say thank you for making my trip so pleasant.  
I am really looking forward to joining ARC and moving to Menlo.  
The only problem I had the whole time was in leaving,,,I don't  
think I was meant to leave,,,something was telling me to stay  
because we lost an engine when we took off. We had to turn  
around and land again back at SF. It took 2 hours to repair  
the engine, by that time the passengers were floating even if  
the plane wasn't. Anyway, even that part of my trip ended u  
pleasantly. Thanks again, and I hope to see all of you soon.  
Rita, 3d11

21-NOV-74 1124-PDT JORDAN: Friday in Reston

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Distribution: LEE, Jordan  
 Received at: 21-NOV-74 11:24:17

3dj

Susan: CA was fantastic...I'm in love already with the place. Dr. Lyons also called about tomorrow. I will definitely be there in the morning. I'm interested in the class (it would help if I knew the system for my new job). I'll take my own car tho, but thanks for the offer. That is neat that John is coming. Makes for a nice week-end. So, anyway, I will see you tomorrow morning at Reston. Rita,

3dj1

21-NOV-74 0947-PDT LEE: Friday in Reston  
 Distribution: JORDAN  
 Received at: 21-NOV-74 09:47:06

3dk

Hi, hope your trip to CA was fun - sounds like it went well! Tomorrow (FRiday the 22nd) I'm going out to Reston to teach a short transition course from TNLS-7 to TNLS-8 and Dr. Lyons thought it would be a good tme to get us all together for a lunch celebration, so you're invited and I'd be glad to drive out except I will be staying the whole day and wasn't sure you'd want to do that. Also, John Melvin is flying in tomorrow night and will arrive at Dulles at 5:10 so I was planning to swing by there on my way home. Again that wouldn't take too long but might mean spending more time out there than you want. At any rate let me know if you'd like to go with me - otherwise I hope I see you there.

3dk1

I have directions if you want them - you can call me at home tonight if you want - 462-4912. See you one of these days!

3dk2

Susan

3dk3

15-NOV-74 1155-PDT JORDAN: !!!  
 Distribution: MEYER AT SRI-ARC, meyer, jordan  
 Received at: 15-NOV-74 11:55:37

3dl

Dean: I did receive your message. I wasn't that excited, It just seemed to me that you knew that we were planning on either this Friday or next Friday So.....well maybe I was just a teensy bit excited. I'll call your home when I get to the Motel tonight. OK? What can you say...I'm really excited about getting to see you again. Can you squeeze in one day maybe? Other than that I can romp around on my own. Well.....see you tonight (I hope we can get together). Rita. P.s. You had better come over in Morgan.

3dl1

15-NOV-74 1150-PDT JORDAN: !!

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- Distribution: JOHNSON AT SRI-ARC, jordan, norton  
Received at: 15-NOV-74 11:50:50 3dm
- Jim and Sandy: Thanks, got Sandy's message,,everything is set, I am really looking forward to seeing the facilities and especially meeting everyone. See you soon, Rita. 3dm1
- 14-NOV-74 1631=PST MEYER at SRI-ARC: Welcome!!!!!!  
Distribution: JORDAN AT OFFICE-1  
Received at: 14-NOV-74 16:31:07 3dm
- You won't get this by the time you see me, but just want you to know I'm excited enough about your trip to respond as soon as I got your message. You were too excited to tell me which day this weekend. Jim says Fri. Far out. (Wish I weren't so swamped with homework, dammitt) See ya tmorrow night I hope. --D 3dm1
- 14-NOV-74 1458=PST JOHNSON at SRI-ARC: Net mail from site SRI-ARC  
Distribution: JORDAN AT OFFICE-1, norton  
Received at: 14-NOV-74 14:58:00 3do
- hi rita,,you are confirmed friday thru monday at the Mermaid,,,will be a pleasure ...to meet you,,,looking forward t it...sandy. 3do1
- 12-NOV-74 1331=PDT JORDAN: Everything  
Distribution: MEYER AT SRI-ARC, jordan  
received at: 12-NOV-74 13:31:48 3dp
- Dean: So much has been happening, I'll try to tell the most important right now. Jim sent me a message last week asking my interest in coming out West,,that he had checked with George Hopkins etc,,and what were my reactions. Of course you can guess what they were. I sent him a message back that I was relieved that he had spoke to George Hopkins, that I was very excited and very willing. He sent another message back that George Hopkins had cleared the way for them (meaning JCN) to talk t me. He also said for me to check my schedule and that he and Jim Bair would check there's etc.,to arrange a time within the next few weeks for me to come out to talk. I sent him a message saying that anytime after this week was fine. Now I'm waiting to here WHEN. That's what has been happening. Anyway George had called Frank Kovanic in the middle of all this, to check with him etc,,,and a lot of people know now. Believe it or not I hadn't told anyone. Well now at last the people in en neering know. Toni Letaw really didn't like it,,,said it was

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good for me but that Phil Whelan had kindof counted on me being in the WDC office,,I hope that won't affect anything. I told Toni that Susan was returning within a month, but that another girl was being sent ot from ARC. Anyway that is neither here nor there. My apartment,,Steffi and I "The two Hysmith Sisters" are hanging in there. Renee's definitely gone and that is another epic tale in itself (as you can well imagine). The

3dp1

at thing about everything is how things are falling into place. My lease is up within a month, then goes month-to-month. Hopefully I won't have to renew it. I have paid my lawyer (ouch!) and have started proceedings to file my papers. Should know something soon. That's being taken care of. There are some problems with that in that I'm having to fight for the house, Michael is not being the least bit agreeable, but I didn't expect any other type of response from him,,so I'm being somew

t pushy but I have to. Lovelife,,,not much,,which is probably another reason that now is right for action. I had my friend from Minneapolis down last week,, He is best friends with Steffi's Doctor boyfriend in Los Angeles. He was at the State Department last week getting indoctrinated. He is going to Nicaragua to teach and practice medicine. (He's an internist,,a nice JEWISH DOCTOR, what every daughter's mother dreams of). We had a nice time, went all over town, loves to sightsee, bel

ve it or not. Went to the Moslem Mosque in DC and had an interesting talk there and then saw the usual things. So pleasant experiences,,,nothing permanent. Well that is it for now. Let me know how things are out there. Say Hello to everyone (really enjoyed seeing Rob and Doug and Rod last week). Here's hoping that I get to see you soon. Norton and his magical touch,! Say hello to him for me. Take care Dean, Bbye for now, Rita.

3dp2

12-NOV-74 1043-PDT JORDAN: Paper  
Distribution: JOHNSON AT SRI-ARC, jordan  
Received at: 12-NOV-74 10:43:43

3dq

Sandy: Yes I can wait. The DCA people are gone so it is not so pressing anymore. I'd appreciate it tho if you could send a couple more Output Processor Manuals. The few I had disappeared. I'm waiting to hear from Jim and Jim about when I'm coming. Can't wait. Rita,  
P.S. The video tape recorder and Rod's equipment are on their way.,.

3dq1

12-NOV-74 1031-PST JOHNSON at SRI-ARC: Net mail from site

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SRI-ARC

Distribution: JORDAN AT OFFICE-1

Received at: 12-NOV-74 10:33:34

3dr

rita, can you possibly wait until 29th this month to get that terminette paper...they are asking ... if not let me know and they will build a fire under themselves somehow...when are you coming out...sandy,

3dri

12-NOV-74 0506-PDT LEE: glossary etc.

Distribution: MEYER, jordan

Received at: 12-NOV-74 05:06:56

3ds

Havn't had a chance to try the glossary - will probably try it next week. This week I'm at RADC and have a schedule of teaching from 8:15 to 5:00 with 2 fifteen minute breaks and an hour 15 min for lunch - if my voice holds out I guess I'll make it but...

3ds1

It would be nice if the op guide had two versions one with just op stuff and one with both op and com - a lot of people don't need or want all the com information.

3ds2

I'll let you know what happens when I try to run the glossary program...

3ds3

11-NOV-74 1516-PDT MEYER: HI

Distribution: JORDAN

Received at: 11-NOV-74 15:16:54

3dt

Rita: How's it going? You keeping busy? What is the state of your job? (I never really get a chance to hear the story from Jim,) and your divorce? and your men? your family? your apartment? ...

I'm just getting more and more busy. So it goes... vacation will be a definite breaking point. Should be much easier from then on.

Morgan is back to her old bitchy self. But lazier than ever...makes me drive the MG on cold mornings (by Calif standards). She should see Montreal!

Hope to see you soon, right? --Dean

3dt1

11-NOV-74 1502-PDT MEYER: Glossary

Distribution: LEE, jordan

Received at: 11-NOV-74 15:02:01

3du

Susan: Have you had a chance to use the Glossary program I made for you? Any Problems?  
The compiled SUBSYS and CML are still sitting in my directory.

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You got the journal item including instructions, right?  
 How are things going there? Having fun?  
 I'm about to republish the Output Processor Users' Guide.  
 Hopefully the Intro will be much more of a primer. Do you have  
 any comments on how it should be improved? Let me know very soon,  
 please.  
 Any other problems with the DCA thing? or elsewhere? Need any  
 OP directive help?  
 See you soon... --Dean

3du1

11-NOV-74 1039-PDT JORDAN: Technical Note  
 Distribution: MABREY, Jordan, placko  
 Received at: 11-NOV-74 10:39:06

3dv

Kathey: I have copied the file TN into Dave Brown's directory  
 under the name TECHNOTE. We do not want the original tampered  
 with so that we will be able to see the different ways  
 everybody has changed it. If you have any problems with it let  
 me know, Rita.

3dvi

11-NOV-74 0832-PDT MABREY: rodriguez memo  
 Distribution: JORDAN, placko, mabrey  
 Received at: 11-NOV-74 08:32:18

3dw

Dave Brown has given me a draft of a technical note by ed  
 rodriguez to be edited. The file name I was given was  
 <rodriguez,tn,nls;13>, but I was unable to open this file.  
 Carrol Kerns has informed me that you have been working on this  
 note. I would like to have access to the most recent version  
 so that I can incorporate dave's changes. Let me know if you  
 have made any changes to this note since this version and I  
 will keep you notified of any changes I make. With any luck at  
 all we should  
 get a decent version out soon.--Kathey mabrey  
 p.s. I work with carrol in the information systems group (in  
 dave brown's lab)

3dwi

8-NOV-74 1206-PDT JORDAN: Schedule  
 Distribution: NORTON, Jordan, bair at sri-arc, norton at  
 sri-arc  
 Received at: 8-NOV-74 12:06:50

3dx

Jim: My schedule is open. Anytime after next week will be  
 fine. I have already discussed the trip and the purpose of the  
 trip with my project people here....and there is no conflict,  
 Rita.

3dx1

8-NOV-74 0801-PDT JORDAN: Friend

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Distribution: MEYER AT SRI-ARC, jordan  
 Received at: 8-NOV-74 08:01:47 3dy

Dean: What can I say,...Thanks. Rita. 3dyl

7-NOV-74 1030-PST NORTON at SRI-ARC: Coming West to Talk  
 Distribution: JORDAN AT OFFICE-1, norton, bair  
 Received at: 7-NOV-74 10:29:19 3dz

Rita: I just talked with George Hopkins about your and our interest in your joining ARC. He says yes,...tho they arent enthusiastic at all about losing you. It looks like an improvement in your position (and it is i think, too) so they generously have cleared the way for us to talk further. I'd like to have you come out. Tell me what your timing in the next few weeks looks like and Jim Bair and I will look at our schedule ok?? Jim N 3dzi

6-NOV-74 1137-PDT JORDAN: Reactions  
 Distribution: NORTON, jordan  
 Received at: 6-NOV-74 11:37:51 3e@

Jim, thanks,... that's a big load off of my mind. My Reactions? Very favorable and excited and very WILLING. Rita. 3e@1

5-NOV-74 1705-PDT NORTON at SRI-ARC: You  
 Distribution: JORDAN AT OFFICE-1, norton  
 Received at: 5-NOV-74 17:05:24 3ea

I called George Hopkins today about our interest in having you join ARC...helping in the training area..based here. I said I thought you were interested, but that I wanted him to know I want to talk more seriously with you about it SOON. He seems favorable, but wanted to check. If ok there (I'm sure it will be) I want to make arrangements to fly you out here (if you are still willing) to talk with some of the other AR staff. Bair, Engelbart, me,... Hope this is encouraging to you. IT WILL WO , I'm sure...reactions? Jim 3ea1

1-NOV-74 501 : Net mail from site OFFICE-1  
 Distribution: JORDAN  
 Received at: 1-NOV-74 13:45:33 3eb

NDM 1-NOV-74 13:20 31246  
 Program which marks phrases which appear in a glossary  
 Location: OFFICE-1 <MJOURNAL>31246.NLS;xnl  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3eb1

Comments: This program marks words or phrases in a file

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- which also  
 appear in a glossary file, It will not mark words or  
 phrases which  
 are in the glossary but have already been marked as part of  
 a  
 larger phrase. It ignores the case that the phrase appears  
 in, 3eb2
- 1-NOV-74 1320-P NDM: Program which marks phrases which appear  
 in a glossary  
 Received at: 1-NOV-74 12:39  
 Location: (MJOURNAL, 31246, 1:w) 3ec
- Comments: This program marks words or phrases in a file which  
 also appear in a glossary file. It will not mark words or  
 phrases which are in the glossary but have already been marked  
 as part of a larger phrase. It ignores the case that the  
 phrase appears in, 3ec1
- 31-OCT-74 0846=PDT JORDAN(RJ) at OFFICE-1: Memo  
 Distribution: CAPPs, JORDAN at  
 Received at: 31-OCT-74 08:46:26 3ed
- Arlie: 3ed1
- 1) Rita was once again successful in transferring DEIS data to  
 Multics, 3ed2
- 2) I have gone through Ed's data transmission paper. Rita  
 will make another computer copy of the original - will identify  
 it with the name Jerry - and will update with my changes, 3ed3
- 3) I came across a paper talking about the reliance that the  
 federal government places on the private sector in data  
 processing matters, 3ed4
- Jerry 3ed4a
- 30-OCT-74 2107=PDT LIEBERMAN at SRI-ARC: Demo at WDC  
 Distribution: JORDAN AT OFFICE-1, lieberman  
 Received at: 31-OCT-74 04:57:30 3ee
- Rita, it might be neat if you mentioned that we are planning a  
 possible demo thursday PM and Friday to Arlie Capps for  
 coordination of use of the room, etc. Thanks, see you soon 'my  
 dear', 3ee1
- 30-OCT-74 1255=PDT LIEBERMAN at SRI-ARC: WDC trip



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Distribution: JORDAN AT OFFICE-1, lieberman  
 Received at: 30-OCT-74 12:55:27 3ef

Rita: thanks for making sure of the LP situation,  
 Rod will be in Wash Sunday night. He hopes to  
 clean up th problems by Thursday, he will be busy with vdeo  
 equipment  
 at ONR M onday PM. We are not sure there will be a demo at all  
 but we will  
 offer it to the folks at the meeting. Also Frida might have a  
 few spin offs for demos, let me know any conflict. Love Rob 3ef1

30-OCT-74 1246-PDT JORDAN: Demos  
 Distribution: ENGELBART AT SRI-ARC, LIEBERMAN AT SRI-ARC,,  
 VANNOUHUYX AT SRI-ARC, hardy at sri-arc, bondurant at sri-arc,  
 jordan  
 Received at: 30-OCT-74 12:46:45 3eg

I understand that there will be demonstrations in the  
 conference room at WDC next week. Well the only problem is  
 the usual problem, Lineprocessor. I have notified Martin  
 and Rod about the problem's particulars already. I wanted  
 to let everyone know beforehand so disastorous situations  
 could be avoided, Rita. 3eg1

30-OCT-74 1159-PDT JORDAN(RJ) at OFFICE-1: Trouble  
 Distribution: Hardyohardy at SRI-ARC, Bondarunt at SRI-ARC,  
 JORDAN at  
 Received at: 30-OCT-74 12:00:19 3eh

Hardy@SRI-ARC 3eh1

29-OCT-74 1324-PDT JORDAN: Trouble  
 Distribution: HARDY AT SRI-ARC, jordan  
 Received at: 29-OCT-74 13:24:41 3eh2

Martin: I just wanted to let you know that when I go into  
 Display  
 NLS I have the characters D94 in the top left-hand part of  
 the  
 screen. Also I am having trouble with loosing the display,  
 I will  
 give it any edit command like replace, and the screen will  
 blank  
 off and never return. I end up having to turn everything  
 off, let  
 it sit for awhile and log back on. I did it on Friday, I  
 called  
 the Delta Data people, who were here yesterday. They

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- replaced the  
cards but I'm not sure if it is real  
the machine (CRT). It did not do it while they were here,  
natch.  
it had had a chance to rest over the weekend, I have called  
them  
back to return tomorrow, but I have a feeling the problem is  
somewhere else because it only happens in lineprocessor  
mode. I  
just wanted to forewarn you, Rita, 3eh3
- P.S. Regular mail failed yesterday. That's why it is  
dated  
yesterday. 3eh4
- 30-OCT-74 0922-PDT JOHNSON at SRI-ARC: computer time  
Distribution: JORDAN AT OFFICE-1  
Received at: 30-OCT-74 09:22:44 3e1
- hello ms. rita, I talked to Jim about your question concerning  
computer time and it seems that one can't really buy time like  
that. As yo know, a slot costs 40K and with thaa you get up to  
3000 pages. You really can't get bits (excuse the pun) and  
pieces of the bagel without getting the cream cheese  
too...besides it tastes better that way.....it's full moon  
today, Magic muses. 3e11
- 30-OCT-74 0859-PDT JORDAN: message  
Distribution: LEE, jordan  
Received at: 30-OCT-74 08:59:30 3e1
- Susan: Please get in touch with Fran Greenan in the WDC  
office. His number is 524-2053 ext 363. It has to do with a  
demonstration for the National Science Foundation. Apparently  
he talked to Doug who was to get in touch with Jim who was to  
get in touch with you. He tried to get in touch with you in CA  
last week, and was told thatyou would get in touch with him on  
Monday. Rita. 3e11
- 29-OCT-74 1324-PDT JORDAN: Trouble  
Distribution: HARDY AT SRI-ARC, jordan  
Received at: 29-OCT-74 13:24:41 3ek
- Martin: I just wanted to let you know that when I go into  
Display NLS I have the characters D94 in the top left-hand part  
of the screen. Also I am having trouble with loosing the  
display. I will give it any edit command like replace, and the  
screen will blank off and never return. I end up having to  
turn everything off, let it sit for awhile and log back on, I

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the machine (CRT). It did not do it while they were here, natch. It had had a chance to rest over the weekend. I have called them back to return tomorrow, but I have a feeling the problem is somewhere else because it only happens in lineprocessor mode. I just wanted to forewarn you, Rita,

3ex1

P.S. Regular mail failed yesterday. That's why it is dated yesterday,

3ex1a

29-OCT-74 1307-PDT JORDAN: ss  
Distribution: JOHNSON AT SRI-ARC, jordan  
Received at: 29-OCT-74 13:07:55

3e1

Sandy: Arlie Capps needs to know two things. They are 1) How much does 90 minutes of time at the Office-1 computer run, and 2) What is the cost of 300 pages of storage at Office-1. Thank you, Rita,

3e11

29-OCT-74 1302-PDT JORDAN(RJ) at OFFICE-1: Memo  
Distribution: CAPPS, JORDAN at  
Received at: 29-OCT-74 13:02:46

3em

Arlie:

3em1

Contacted Mr. Hopping, 274-6920, per your request. His secretary answers "Methods & Standards".

3em2

He was quite cordial. He said that they were scheduled to give a "pitch" to General Robinson, Director DSA, tomorrow, subject "Man-Space Requirements". He said they were still bogged down with administrative details.

3em3

He wasn't quite sure as to what kind of assistance was needed - although assistance is or will be needed.

3em4

He said they're now looking at a 50 page concept paper put out by Staff Headquarters Environment, DFSC,

3em5

The paper is unclassified but may be considered proprietary. He'll check and if possible we'll get a copy. He'll call me or I can call him in 2-3 days.

3em6

He had no definite comments about the briefing some 10 days ago. He thought there was an interest in that level of detail by some of their analysts (June in particular) and perhaps additional sessions in the future will be requested. Such

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requests could conceivably include an audience from other DFSC groups, 3em7

Jerry Standig 3em7a

28-OCT-74 1245-PDT JORDAN(RJ) at OFFICE-1: NSW  
Distribution: CAPPs, JORDAN at  
Received at: 28-OCT-74 12:45:43 3en

Archie: 3en1

1) As a follow-up to my mentioning the NSW project effort at SRI-WDC, I spoke to Susan Lee about her trip to Alabama in support of the SRI contract with ARPA/AFDIC, 3en2

Apparently the thrust is to help some 650 AF programmers, (military and civilian) whose mission is to program AF systems and transport same throughout AF commands, do a better job using NLS with specified modifications. Part of Susan's participation is to convince the AF powers that be that secretaries adapt very nicely to the NLS environment, 3en3

Apparently competition exists in this endeavor between some 3-4 companies. The prize for the winner will probably be an extended contract over a period of years, 3en4

Susan will inquire as to whether a report, trip or otherwise, was written recently covering NSW activities. If yes, she'll attempt to furnish us with a copy, 3en5

2) Cy Bernstein called again. The gist of the conversation is explained in that the mailings will include DEIS I and DEIS II weekly reports plus monthly and quarterly reports, 3en6

Jerry Standig 3en6a

24-OCT-74 1146-PDT JORDAN: Memo  
Distribution: CAPPs, jordan  
Received at: 24-OCT-74 11:46:21 3eo

Archie: 3eo1

1) Cy Bernstein, DSA, called this morning to obtain an expression of continued interest in receiving the DEIS report. Also that they were planning (within a month) to distribute the report by mail if associated delay in receipt of the report was tolerable, 3eo2

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- I responded positively. 3e03
- Cy introduced me (over the telephone) to Joe Delorie of his office and suggested that either Cy or Joe be a point of contact as necessary. 3e04
- 2) Problems with SDAC equipment put plan two into operation. Namely, Rita sent the tape to MIT via the airlines. Arrival time estimated at 3:30 to 4:00 PM (EDT). 3e05
- Jerry Standig 3e06
- 23-OCT-74 1455-PDT HAMILTON at SRI-ARC: charge number  
Distribution: JORDAN AT OFFICE-1, hamilton  
Received at: 23-OCT-74 14:55:40 3ep
- Rita: The charge number for the video tape equipment rented for Dick's demo should be 9229, Joan 3ep1
- 23-OCT-74 1427-EDT FELDMAN at BBN-IENEXA: THANKS AGAIN  
Distribution: JORDAN AT OFFICE-1  
Received at: 23-OCT-74 11:29:18 3eq
- RITA - REQUIREMENTS TRANSFERRED QUICKLY AND EFFICIENTLY,  
THANKS ONCE AGAIN FOR ALL YOUR HELP. 3eq1
- SHEILA 3eq2
- 23-OCT-74 0832-PDT JORDAN: Requirements  
Distribution: FELDMAN AT BBN, jordan  
Received at: 23-OCT-74 08:32:49 3er
- Sheila: Requirements is finally ready, it is located in <kirkwood>jhk3, Good Luck, Rita, 3er1
- 22-OCT-74 1315-PDT JORDAN: Charge Number  
Distribution: HAMILTON AT SRI-ARC, jordan  
Received at: 22-OCT-74 13:15:01 3es
- Joan: I need a charge number for the video tape equipment that was rented for Dick's demos, Thank you, (Bye the way the cost was \$245), Rita 3es1
- 22-OCT-74 1232-PDT LEE: <kirkwood>requirements and its pc...  
Distribution: LYONS, JORDAN, oper  
Received at: 22-OCT-74 12:32:24 3et

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- I put the requirements version 3 together with the pc version 2  
- if that's not right let me know and maybe there's something  
else we can do.,., 3et1
- This is primarily for the oper but rita and Dr, Lyons too - to  
combine an nls file with a pc of a different version or with  
any pc that for some reason doesn't want to be included with an  
update do the following: 3et2
- rename the pc to be anything  
    exp  
    load the file and make any edit to it resulting in a new pc  
    delete the pc  
    exp  
    rename the old pc to be the same as the new one that was  
    made and deleted  
    update the file and check to see that all is as intended pc  
wise 3et3
- Dr, Lyons - sorry it took so long to get this done. 3et4
- 22-OCT-74 0712=PDT JORDAN: Partial Copies  
Distribution: OPER, jordan  
Received at: 22-OCT-74 07:12:31 3eu
- Help. The copies that you retrieved yesterday in <Kirkwood>  
called Requirements,nls;1 and Requirements,pc;1 are giving me a  
fit. They won't let me update. Is there anyway you can put  
the file together "manually". There is a time urgency now.  
I'd appreciate any help in this. Rita. 3eu1
- 21-OCT-74 1041=PDT LYONS: PC  
Distribution: JORDAN, lyons at isi  
Received at: 21-OCT-74 10:41:55 3ev
- Rita, got your message. Thanks for the help. Will be in  
touch.  
REL. 3ev1
- 21-OCT-74 0754=PDT JORDAN: Partial Copy  
Distribution: LYONS, jordan  
Received at: 21-OCT-74 07:54:44 3ew
- Dr, Lyons, I go a hold of the operator and they are in the  
process of retrieving the PC. Apparently there won't be any  
problem. I'll let you know as soon as it is done. Rita. 3ew1
- 4-OCT-74 1130=PDT JORDAN: Tables

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Distributions: CAPPS, Jordan  
 Received at: 4-OCT-74 11:30:54 3ex

Arlie; 3ex1

It would be helpful in examining and understanding the tables received recently if Carrol Kerns could furnish the associated nomenclature, 3ex2

Which quantities are derived? 3ex3

The exact meaning of the quantities? 3ex4

What algorithms bind them together? 3ex5

An examination for the continuous wrap around table reveals: 3ex6

1. Stock and Consumption = Open inventory and DoD receipt and commercial receipts, 3ex7

2. Reconciliation occurs when equation 1, does not hold, 3ex8

3.  $\text{delta-pct, consumption} = \text{reconciliation} / \text{consumption} \times 100$  3ex9

4.  $\text{delta-pct, stock} = \text{reconciliation} / \text{stock} \times 100$  3ex10

5.  $\text{pre-week consumption} = \text{consumption}$ . The close equations hold for a given date, 3ex11

Based on further study, it would seem to me that  $\text{Open Inv. Wk.}(n + 1) = \text{Stock, WK}(n)$ , that is the amount of a given fuel (I think "stock") at the end of week should be the amount of that fuel (I think "open inventory") at the beginning of the next week, 3ex12

It seem quite important that to do trend analysis that we relate the week, 3ex13

Accordingly I built the following table (facsimile sent) for the first 5 sites listing "stock" and "open inventory" for all the dates

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covered  
(July 5 - September 13). 3ex14

I hope you can see why nomenclature is important. 3ex15

Jerry Standig 3ex16

3-OCT-74 1257-PDT JORDAN: Mouse & Flakes  
Distribution: HARDY AT SRI-ARC, jordan  
Received at: 3-OCT-74 12:57:25 3ey

Martin: HELP!!!! No seriously, but there are a few minor things. The main thing is I think you had better send the crew in for next week with a new mouse. The old one is double-imaging and flickering which is making it easy to bug the "wrong" thing. Also (but this is at Office-1) after I have been in preview a while it refuses to honor some commands. Like Delete Character, I must have bugged it and re-commanded (?) it several times and I kept getting PBUG etc. It happens in Replace, Delet

Transpose. After it starts doing it, it keeps doing it on almost every command. The only way to end the cycle is to go out, redefine what type of terminal, and reenter and reload the file again. Then it works fine for awhile..... 3ey1

BBye for now Rita,

30-SEP-74 1320-PDT MEYER at SRI-ARC: Thanks  
Distribution: JORDAN AT OFFICE-1  
Received at: 30-SEP-74 13:19:31 3ez

Rita: Thanks for the address. Appreciate your help in these little matters... Hey, what's your home address? I usually feel like writing letters at home in the evenings (when I'm away from the terminal; yes there are times like that!!!). 3ez1

Stanford is keeping me insanely busy. They estimate 60hrs/week. It'll ease up next quarter. Morgan is feeling good, having just gone through \$75 in repairs. 3ez2

How are you? DCA thing letting up? How's the family? (Didn't see your mother when she was out here,) And the roommate situation? Any sunshine yet? 3ez3

This is my third shot at this message. Remember they old big brown lineprocessor we first had? Well I think it just formally died. Had to take it out of circuit and use DD as a tty. Oh well, we'll just put it in the Smithsonian Museum of Technology. 3ez4



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Say hi to Susan, Sally, et al, --Dean 3ez5

30-SEP-74 1135-PDT JORDAN: At Last!!  
 Distribution: MEYER, jordan  
 Received at: 30-SEP-74 11:35:55 3fe

Dean: Guess what, I remembered that a long time ago you gave me Maryanne's no, for some reason. Anyway, I did have it and here is her address\* 3fe1

Maryanne ??  
 321 Dunclison  
 Charlottesville, Virginia 22905 3fe2

BBye for noqw, Rita 3fe3

30-SEP-74 1027-PDT JORDAN: MA  
 Distribution: MEYER, jordan  
 Received at: 30-SEP-74 10:27:42 3fa

Dean, please fogive me but I haven't gotten Maryannes address at school yet. What was her home phone number again? Please accept my apology. 3fa1

PS> Congradulations, I understand you are helping the Professor teach class. Rita 3fa2

26-SEP-74 1704-PDT ENGELBART at SRI=ARC: Rita, thanks  
 Distribution: JORDAN AT OFFICE-1, norton, engelbart  
 Received at: 26-SEP-74 17:03:44 3fb

Rita: I came home and promptly came down with the worst cold in years. Coming out of it now -- and I want to send you a special message of thanks. I really appreciated the big effort that you put out on the Monday night when we tried to debug the gear, and also the many quick and efficient little services on the other days. Really, none of the "big deal" things we are trying to do (more like "over-our-head" things) have a chance of coming off without a lot of help from special people. Let know some time if we can help you in any special way. Best regards, Doug 3fb1

26-SEP-74 1409-PDT HAMILTON at SRI=ARC: circuit number  
 Distribution: JORDAN AT OFFICE-1, hamilton  
 Received at: 26-SEP-74 14:08:12 3fc

martin hardy needs the circuit number for y the line processor telephone connection, the number (according to martin is)

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starts with or is something like lketc, lK etc, that is!  
thanks, joan 3fc1

21-AUG-74 0800-P EDR2: DEIS/WEEKLY  
Received at: 22-AUG-74 05:54  
Location: (MJOURNAL, 31015, 1:w) 3fd

21-AUG-74 0756-P EDR2:  
Received at: 22-AUG-74 05:54  
Location: (MJOURNAL, 31013, 1:w) 3fe

21-AUG-74 0752-P EDR2: Summarization of CINC Problems  
Received at: 22-AUG-74 05:54  
Location: (MJOURNAL, 31012, 1:w) 3ff

20-JUN-74 0848-P NDM: Problem with DEX over Network  
Received at: 20-JUN-74 11:22  
Journal Message 23418 3fg

We tried DEX over the network, IT DOES NOT WORK, TENEX asks for a line, the cassette puts it out, and that overruns the TIP buffer. We set the stop switch on the termicette to word, and didn't loose as much. It did the right thing when we set the switch to CHAR but of course took forever. I guess we need a bigger input buffer on the TIP but we are assigned a port randomly when we call in.  
\*\*\*\*\*Note: info\*\*\*\*\* 3fgl

7-JUN-74 0857-P NDM: Brief Outline of what I cover in a Demo  
Received at: 8-JUN-74 05:31  
Location: (MJOURNAL, 23301, 1:w) 3fh

3-MAY-74 0716-P NDM: Procedure for Sending Messages  
Received at: 3-MAY-74 09:41  
Location: (LJOURNAL, 22893, 1:w) 3fi

Comments: adopted by DEIS project for their message traffic, 3fii

4-APR-74 0929-P DVN: Changes and Proposals in DEIS Journal and Privacy Procedures; minutes of a Meeting between Dean Meyere and Dirk van Nouhuys 4/2/74.  
Received at: 4-APR-74 11:46  
Location: (JJOURNAL, 22627, 1:w) 3fj

Comments: We have carried out some changes that seemed purely technical, are eager for feedback on the others. 3fji

3-APR-74 1404-P JEW: An NLS Tool for Transferring Files Between SRI=ARC and OFFICE=1

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Received at: 4-APR-74 11:46  
 Location: (JJOURNAL,22622,1:w) 3fk

28-MAR-74 1259-P NDM: User program SENDMAIL  
 Received at: 28-MAR-74 18:03  
 Journal Message 22522 3fl

A new user program called SENDMAIL allows you to send messages throughout the network directly from NLS. To use it, you must increase your programs buffer size to 8 pages (Goto Programs Buffer 8 <CA>). It is an executable program. It will send a statement, branch, group, or plex, or "text" which allows you to type in the message on the spot. It allows you to type in a title, then a distribution list. The distribution list can include any mixture of SNDMSG-like addresses or NIC idents (including group idents). If there is a directory with the same name as an ident, the directory will be assumed; if you precede the name with an asterisk \*, the ident will be assumed. It then checks your distribution list and prints which were accepted and which were unrecognizable. You then have a chance to add to the accepted list. Parallel changes in the user program INMES allow messages sent by SENDMAIL to be brought back into NLS with the structure reasonably intact. Questions, problems, and complaints should be directed to Dean Meyer (NDM) or Jim White (JEW) at ARC, 3fl1

7-MAR-74 0857-P DVN: Sndmessage to Someone with Directories  
 on More Than One Machine  
 Received at: 7-MAR-74 09:40  
 Location: (HJOURNAL, 30190, 1:w) 3fm

2-MAR-74 1935-P DVN: Problems and Lessons from Preparing th  
 DEIS R & D Plan  
 Received at: 4-MAR-74 23:21  
 Location: (HJOURNAL, 22124, 1:w) 3fn

26-FEB-74 1322-P NDM: How to reach Dean Meyer in Washington:  
 Received at: 26-FEB-74 16:33  
 Journal Message 22053 3fo

Office: SRI Washington  
 1611 North Kent St.  
 Arlington, Va, 22209  
 (703) 524-2050 [good any time if anyone's here]

Home (so to speak):  
 Dean Meyer  
 Washington 1010  
 1011 Arlington Blvd,

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Arlington, Va, 22209  
(703) 525-7270

3fo1

DVN 11-FEB-74 22:28 21864  
EPAC PROBLEMS AND DRAFT MEETING FILE  
LOCATION: (HJOURNAL, 21864, 1:W)

3fp

NDM 10-FEB-74 09:26 21851  
ANNOUNCEMENT OF THE NEW DEIS MESSAGE AND FILE SYSTEM  
LOCATION: (HJOURNAL, 21851, 1:W)

3fq

COMMENTS: PLEASE READ THIS. HARD COPY IS AVAILABLE FROM YOUR  
EPAC,

3fq1

722 : Net mail from site SRI=ARC  
Distribution: JORDAN  
Received at: 26-FEB-75 04:39:56

3fr

JHB 25-FEB-75 21:51 25477  
TNLS COURSE OUTLINE #2: INTRODUCTION TO STRUCTURE AND VIEWING  
Location: SRI=ARC <HJOURNAL>25477,NLS;XNLS  
\*\*\*\*\*Note: [ ACTION ] \*\*\*\*\*

3fr1

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

3fr2

57 : Net mail from site SRI=ARC  
Distribution: JORDAN  
Received at: 26-FEB-75 06:48:42

3fs

531 : Net mail from site SRI=ARC  
Distribution: JORDAN  
Received at: 28-FEB-75 02:12:22

3ft

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JHB 25-FEB-75 22:21 25478  
 THE BASIC TMLS-8 COURSE OUTLINE  
 Location: SRI-ARC <HJOURNAL>25478,NLS;xnl  
 \*\*\*\*\*Note: [ ACTION ] \*\*\*\*\* 3ft1

Comments: This is a newly revised version of the first course in NLS, designed by ARC to be minimally complex and yet contain the commands necessary to enable a user to enter, edit, and 'mail' text. Course completion time ranges from 1/2 to 2 days. Printed copies are available from Trainers, Feedback, or JHB. 3ft2

456 : Net mail from site SRI-ARC  
 Distribution: JORDAN  
 Received at: 28-FEB-75 05:06:33 3fv

JHB 26-FEB-75 19:52 25499  
 Training Schedule,.. as of Jan 75(UD)  
 Location: SRI-ARC <HJOURNAL>25499,NLS;xnl  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3fv1

Comments: Susan, This may be useful to you in setting up your schedules, It does show the training given as of Dec 74. It was the neatest way of letting everybody know. Numbers in front of idents are the actual date of arrival. Jim 3fv2

456 : Net mail from site SRI-ARC  
 Distribution: JORDAN  
 Received at: 28-FEB-75 04:46:35 3fv

JHB 26-FEB-75 19:52 25499  
 Training Schedule,.. as of Jan 75(UD)  
 Location: SRI-ARC <HJOURNAL>25499,NLS;xnl  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3fv1

Comments: Susan, This may be useful to you in setting up your schedules, It does show the training given as of Dec 74. It was the neatest way of letting everybody know. Numbers in front of idents are the actual date of arrival. Jim 3fv2

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415 : Net mail from site OFFICE-1  
 Distribution: JORDAN  
 Received at: 24-FEB-75 10:38:57 3fw

JMB 24-FEB-75 07:30 31899  
 USER SERVICES REPORT: ARPA-DNLS course for J.C.Licklider  
 Location: OFFICE-1 <HJOURNAL>31899,NLS;xnls  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3fw1

JMB 24-FEB-75 07:35 31900  
 USER SERVICES REPORT: COURSES FOR USERS OF ARPA-NSW SLOT: AT  
 AFDSC at  
 Pentagon  
 Location: OFFICE-1 <HJOURNAL>31900,NLS;xnls  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3fw2

360 : Net mail from site SRI-ARC  
 Distribution: HYSMITH  
 Received at: 18-MAR-75 15:20:08 3fx

RLL 18-MAR-75 15:23 25592  
 Response to Beck's question on attendees at training courses  
 Location: BBNB <IJOURNAL>25592,xnls 3fx1

Comments: These are just my 'off the top of my head  
 thoughts'.  
 However this might be an important part of the transfer of  
 technology procedure, minor as it is. 3fx2

254 : Net mail from site OFFICE-1  
 Distribution: HYSMITH  
 Received at: 17-MAR-75 09:58:59 3fy

JMB 17-MAR-75 09:06 32106  
 USER DEVELOPMENT REPORT: COURSE AT Pentagon for ARPA-NSW slot  
 (LGY  
 group) 11-MAR-75  
 Location: OFFICE-1 <IJOURNAL>32106,NLS;xnls  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3fy1

246 : Net mail from site OFFICE-1  
 Distribution: HYSMITH  
 Received at: 16-MAR-75 19:44:20 3fz

JMB 16-MAR-75 19:05 32104  
 USER DEVELOPMENT REPORT: COURSE AT NSRDC-Washington area on  
 March  
 5-6, 1975

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Location: OFFICE-1 <IJOURNAL>32104,NLS;xnl  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3fz1

241 : Net mail from site OFFICE-1  
 Distribution: HYSMITH  
 Received at: 16-MAR-75 18:44:06 3g@

JMB 16-MAR-75 18:24 32103  
 USER SERVICES REPORT: COURSE FOR USERS OF SRI SLOT: AT  
 SRI-Washington 3g@1

Location: OFFICE-1 <IJOURNAL>32103,NLS;xnl  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3g@2

241 : Net mail from site OFFICE-1  
 Distribution: HYSMITH  
 Received at: 16-MAR-75 17:43:56 3ga

JMB 16-MAR-75 16:50 32102  
 USER SERVICES REPORT: COURSE FOR USERS OF SRI SLOT: AT  
 SRI-Washington 3ga1

Location: OFFICE-1 <IJOURNAL>32102,NLS;xnl  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3ga2

237 : Net mail from site OFFICE-1  
 Distribution: JORDAN  
 Received at: 27-FEB-75 16:43:19 3gb

JMB 27-FEB-75 11:42 31909  
 USER SERVICES REPORT: COURSE FOR USERS OF SRI SLOT: AT  
 SRI-WASHINGTON  
 Location: OFFICE-1 <HJOURNAL>31909,NLS;xnl  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3gb1

226 : Net mail from site OFFICE-1  
 Distribution: HYSMITH  
 Received at: 13-MAR-75 16:39:37 3gc

JMB 13-MAR-75 09:31 32076  
 Distribution of DEX documentation to Architects at meeting  
 Location: OFFICE-1 <IJOURNAL>32076,NLS;xnl  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\* 3gc1

218 : Net mail from site SRI-ARC  
 Distribution: HYSMITH  
 Received at: 16-MAR-75 16:39:38 3gd

JMB 16-MAR-75 18:21 25579

## Attendance List of Navy Briefing March 18, 1975

item you and I could send out to push for dnls stuff at  
sri-wash

Location: BBNB <IJOURNAL>25579;xnls

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

3gd1

1202 : Net mail from site OFFICE-1

Distribution: HYSMITH

Received at: 11-MAR-75 09:08:46

3ge

SGR 11-MAR-75 06:47 32023

Test of responsiveness (32021,) (32020,) and (25533,)

Message: I do have a directory at bbnb that you can use Jeanne  
if you

don't have your own. My password is sgr. You may have one too  
I

don't know. When you login in there you have to say login  
first. If

you have time go ahead and do some comparisons. If you don't  
maybe

Rita would have time to do something like that. Let me know  
what you

plan to do. Susan

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

3ge1

SGR 11-MAR-75 06:52 32024

Misc training stuff

Message: Go ahead and include JHB on any training reports you  
do. As

I mentioned before I'd like to get away from having formal  
training

reports and instead keep the user file up to date. I still  
don't have

a copy of it but I'll take care of that when I get back to CA  
end of

this week. Let's go ahead and set up an ident us. Membership:

sgr,jmb,rh,slj. sandy maybe you can take care of that. Rita  
as for

San Diego I still don't know - will send another message to  
Brignoli

today to try to get it clarified. Let you know as soon as I  
do.

Susan

\*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\*

3ge2

(correspondence)

4

(training)

5

(schedule)

6



## Attendance List of Navy Briefing March 18, 1975

3/4/75 - Vacation 6a  
 3/5/75 - 3/6/75 - NSRDC (Jeanne Beck) 6b  
 3/17/75 - 3/18/75 - San Diego (Susan Roetter) 6c

(courses) 7

25-FEB-75 2221-P JHB: THE BASIC TNLS-8 COURSE OUTLINE  
 Distribution: JHB UD KWAC ARC-APP  
 Received at: 26-FEB-75 05:47  
 Location: (HJOURNAL, 25478, 1:w) 7a

Comments: This is a newly revised version of the first course in NLS, designed by ARC to be minimally complex and yet contain the commands necessary to enable a user to enter, edit, and 'mail' text. Course completion time ranges from 1/2 to 2 days. Printed copies are available from Trainers, Feedback, or JHB. 7a1

25-FEB-75 2151-P JHB: TNLS COURSE OUTLINE #2: INTRODUCTION TO STRUCTURE AND VIEWING  
 Distribution: JHB UD KWAC SRI-ARC  
 Received at: 26-FEB-75 05:47  
 Location: (HJOURNAL, 25477, 1:w) 7b

Comments: This is the outline for the second TNLS course which introduces NLS structure (hierarchical) and special tools for viewing structured information ('view specs'). It is derived from the TNLS Courses master file which contains 5 graduated course levels (by filtering on statement name keys which are then turned off for printing). This distribution is to KWAC and ARC; printed copies are available from Trainers or by request to myself or Feedback. 7b1

2-FEB-75 1442-P &SRI-ARC: SRI/ARC BASIC TNLS-8 COURSE  
 Distribution: &SRI-ARC JMB KWAC SRI-ARC UD  
 Received at: 2-FEB-75 16:34  
 Location: (HJOURNAL, 25275, 1:w) 7c

Comments: This is a revised version of the first course in NLS, designed by ARC to be minimally complex and yet contain the commands necessary to enable a user to enter, edit, and 'mail' text. It is intended to be used by ARC trainers in all beginning courses although Architects are welcome if they have to provide their own training. Completion time ranges from 1/2 to 2 days. Printed copies are available from User Development. 7c1

Attendance List of Navy Briefing March 18, 1975

(J32163) 21-MAR-75 10:59;;; Title: Author(s): Rita Hysmith/RH;  
Distribution: /FGB( [ ACTION ] ) ; Sub-Collections: SRI-ARC; Clerk: RH;  
Origin: < HYSMITH, RH,NLS;9, >, 20-MAR-75 09:42 RH  
;;;<JORDAN>RJ.NLS;9, 19-SEP-74 06:22 RJ ;####;

Facilities

Jeanne, I made my changes, hope I wasn't too strong.

## Facilities

Rita, partly because Rob's demo and business discussions at ARPA Friday didn't work out too well (Connie felt imposed upon for several reasons), I would like to push for DNLS equipment at SRI-Wash. I thought of sending out something like this, what do you think (fill in the blanks or change whatever you wish and send back to me)?:

TITLE: Facilities for ARC people in Washington area

COMMENT:

AUTHOR(S):JMB RH

DISTRIBUTE FOR ACTION TO: MEH, JCN (will there be an opportunity to get DNLS equipment at SRI-WDC), RLL (Connie told me later that she found the demo & discussions on Friday awkward--could we push for DNLS equipment at SRI-WDC)

DISTRIBUTE FOR INFO-ONLY TO: ARC-APP

MESSAGE:

BRANCH AT:

PLEX AT: <,d>

Jeanne Beck & Rita Hysmith have been assigned an office at SRI-Wash. The office is Room numbers 517 and 519 (which at the present time are being converted into one large office, which can easily accommodate a workstation and a small audience) completely private, and the telephone number is (703)524-2053 ext. 247 and 398 (these extensions are subject to change). This office can be used by all Org. 750 people. All mail & other materials for Applications people in Washington (for RH or JMB etc), should be mailed c/o Hysmith or Beck to the Washington office via the SRI interoffice mail pouch.

Telephone messages for APP and any ORG 750 menlo people traveling in Washington area should be routed through the Washington office, specifically stating that Rita Hysmith is your contact (this will insure receiving your messages). When Rita is in Washington, she can be reached at that office; but Jeanne is more often located at ARPA--telephone (202) 694-3510 or 3506.

A collection of ARC documentation is available in the SRI office, and we also have a TI. We are not set up for DNLS, however, except a large monitor sits there and a leased telephone line that is connected to the MITRE TIP. Hopefully we could complete a DNLS workstation there in the future for demos by ARC-APP people. It would be much less awkward for demos for more than 2 visitors than ARPA is. At ARPA, the room in Connie McLindon's area containing the Lineprocessor station, is the workplace for 3 people and a passageway for 2 others, therefore most demos crowd ARPA's work. The office at SRI would be more accessible and would be more an SRI effort, not an ARPA effort. In other words customers would be seeing a demonstration of SRI-ARC's technology, not ARPA's

Facilities

(granted, prospective clients like to see "current" clients at work). Demonstrations could be scheduled at our and our prospective future clients convenience not ARPA's (and the feeling there is no demo's are convenient).

2c

Facilities

(J32164) 21-MAR-75 11:57;;; Title: Author(s): Rita Hysmith/RH;  
Distribution: /JBM( [ ACTION ] ); Sub-Collections: SRI-ARC; Clerk: RH;  
Origin: < HYSMITH, RESPONSE,NLS;2, >, 21-MAR-75 11:52 RH ;;;####;

ISI HOST AND LOST MAIL

FRANK,

I FOUND A FISCHE VIEWER, MY OFFICE-MATE HAS ONE,

I CHECKED BY DIEVIOUS MEANS, AND HOST 150 IS ISIB, NOT ISI,  
HENCE, MESSAGES DROP IN THE BIT BUCKET. I WILL TELL DANA, ET. AL.LAST, BUT MOST IMPORTANT, I READ THE NAVIMP MAIL INSTEAD OF  
MESSAGE'ING IT, YOU SHOULD RESEND YOUR MESSAGE TO JIM SHORES, THERE  
WAS GARBAGE ON THE LINE ABOUT HALF-WAY THROUGH THE MESSAGE, SO ANY  
MESSAGES AFTER YOURS WAS LOST. OOPS,JIM SHORES ALSO HAS A NLS IDENT OF JPS. PERHAPS IT WOULD BE  
EASIER TO SEND IT TO HIM THERE.

GREG

1

2

3

4

5

6

JGN 21-MAR-75 18:03 32170

ISI HOST AND LOST MAIL

(J32170) 21-MAR-75 18:03;;; Title: Author(s): J. G. Noel/JGN;  
Distribution: /FGB( [ ACTION ] ) ; Sub-Collections: NIC; Clerk: JGN;  
Origin: < NAVIMP, TOPRANK.NLS;1, >, 21-MAR-75 17:44 JGN ;;;;###;



REQUEST TO CHANGE IDENT (AGAIN!)

MARCIA,

1

I WASN'T LOGGED IN AS FEEDBACK, I WAS LOGGED IN AS NALCON. EVEN  
THOUGH I AM LISTED AS A MEMBER OF NALCON, WHEN I TRY TO LOG IN AS  
MYSELF, IT DOESN'T WORK. HENCE, I WAS LOGGED IN AS A CO-WORKER, WHO  
ALSO IS A MEMBER OF NALCON. I NORMALLY LOG IN AS NAVIMP, BUT IT WAS  
FULL AT THE TIME,

2

IN ANY EVENT, HERE IS THE RUNDOWN ON THE CHANGES TO MY IDENT,

3

NAME: NOEL, J, GREGORY

4

ORGANIZATION: NELC

5

HARDCOPY ADDRESS: COMMANDER, NAVAL ELECTRONICS LABORATORY CENTER  
271 CATALINA BLVD  
SAN DIEGO, CALIF 92152

ATTN: CODE 5200, MR. J. G. NOEL

6

ALSO, A NETWORK ADDRESS WHICH WILL REACH ME(SNDMSG ONLY) IS  
NELC@ISIB.

7

REQUEST TO CHANGE IDENT (AGAIN!)

(J32171) 21-MAR-75 18:46;;; Title: Author(s): J. G. Noel/JGN;  
Distribution: /FEEDBACK( [ ACTION ] ) FGB( [ INFO-ONLY ] ) ;  
Sub-collections: NIC FEEDBACK; Clerk: JGN; Origin: < NAVIMP,  
TOMARCIA.NLS;1, >, 21-MAR-75 18:22 JGN ;;;####;

## ISIB &amp; ELF LISTINGS

Greg,  
Thanks for checking. Will send Carlstrom corrected mailbox. Also, Jim Shores is printing out ELF listings so you should have hardcopy soon.  
Frank Walden of ADR called me & is sending some stuff out to me giving an overview of what they're doing. Once we get it and review it, we'll have a better idea of how their stuff fits in with ours. Will let you know. Finally, we lifted all the available ELF documentaion from SRI-AI. Will Xerox it & send it to group. Sent out the ARPANET Protocols Notebook today. Please let me know when it arrives (& in what condition).  
Regards,  
Frank

ISIB & ELF LISTINGS

(J32172) 21-MAR-75 19:14;;; Title: Author(s): Frank G.  
Brignoli/FGB; Distribution: /JGN( [ ACTION ] ); Sub-Collections: NIC;  
Clerk: FGB;

## Announcing additions to ARC's management structure

This is to announce a plan for changing ARC's management structure. After many months of development, the plan was ratified last Tuesday at the first meeting of ARC's Steering Committee, 1

This committee is part of the new structure -- it will serve in a manner similar to a Board of Directors, to review ARC's larger-scope plans and policies as our business grows outside the domain usually handled by SRI's line management. The size and composition of the Steering Committee will evolve toward representation of major stakeholders. Initially it includes: 2

Don Scheuch, a vice president of SRI (Committee Chairman) 2a

Bart Cox, Director of ISE Division (Co-chairman) 2b

Geoffrey Steele, SRI legal counsel (Legal Advisor) 2c

Barry Minkin, staff member in SRI's Management Systems Division (Agent) 2d

Part of the ratified plan is to recruit and install a qualified person in a new role -- ARC General Manager. Barry Minkin is charged with locating candidates and co-ordinating the general process. Locating and screening candidates, and final selection, are roughly scheduled for five months (hopefully quicker, though). 3

My title will remain "ARC Director," and there is nothing planned to change the titles and basic roles of Dick and Jim. However, my role will change -- the plan is for the General Manager and me to split between us what my old role covered -- the GM will report directly to Bart Cox and will be responsible for all of the line-management matters throughout ARC. My new role will cover the substantive content of ARC's activity. 4

This management plan was formulated with a close analogy to the relative roles of architect and general contractor for a large building -- both reporting (in parallel) to the developers (Steering Committee). As with many of our courses of action, this one entails risks. The sought-after payoff is to get professional management know-how, with fresh energy, to help us organize and manage the increasing size and complexity of our business. The substance of our goals, designs and services will be handled in a line of decision and responsibility through me; the processes will be coordinated through the GM. 5

I expect that we will have discussions among us about all of this. You members of ARC are stakeholders who will be listened to, also, please feel free to discuss these matters with me, or to get

Announcing additions to ARC's management structure

acquainted with Berry Minkin who would like to hear your thoughts  
(ext 4127).

6

Announcing additions to ARC's management structure

(J32173) 22-MAR-75 16:33;;; Title: Author(s): Douglas C.  
Engelbart/DCE; Distribution: /SRI-ARC( [ INFO-ONLY ] );  
Sub-Collections: SRI-ARC; Clerk: DCE;

TEST1

STATEMENT OF WORK  
TASK 75-7

1

OBJECTIVE: Support the ARPA IPT Office by providing a referencable record that adequately expresses the technical content of the 6 and 7 March, 1975 meeting of the Image Understanding Workshop,

2

BACKGROUND: The ARPA IPT Office is convening an Image Understanding Workshop of 6 and 7 March, 1975. The purpose of the meeting is to explore possible future avenues of basic and applied research for the automatic extraction of information from photographs and other image data. A technically accurate record of the presentation at the meeting is required for later reference,

3

4

TASK: Record the proceedings of the 6 and 7 March, 1975 Image Understanding Workshop. Produce a technically accurate written record of the proceedings and coordinate it with the attendees to the meeting to insure its accuracy. Produce a final, acceptable version for distribution,

5

RESOURCES: It is estimated that this effort will require 2 manweeks of SAI professional staff effort and 2 manweeks of technical typist effort. It is estimated that these services will cost \$3,800.

6

STATEMENT OF WORK  
TASK 75-8

7

OBJECTIVE: Gather data to support the APRA IPTO program in Intelligent Terminals,

8

BACKGROUND: ARPA IPTO intends to begin a new program in Intelligent Terminals. Data is required to help structure the research effort in the new program,

9

TASK: Provide data to the ARPA IPTO by:

1. Conducting a literature survey on the subject of Teleconferencing,
2. Conducting a literature survey on the subject of Human Factors in Computing,
3. Conducting a literature survey on the subject of User



## TEST1

Authentication Methods,  
 4. Analyzing and reporting on the MIL SPEC production system, 10

DELIVERABLES: Four reports; one each on each of the subjects  
 identified above, plus supporting reference material, 11

RESOURCES: It is estimated that this effort will require 120 hours  
 of consultant effort, 77 hours of SAI professional staff effort, and  
 32 hours of technical typist effort. The estimated total cost of  
 these services is \$7,500. 12

STATEMENT OF WORK  
 TASK 75-9 13

OBJECTIVE: Support the ARPA IPTO programs in Intelligent Terminals  
 and Very Large Data Bases by gathering data on how these programs may  
 support DoD intelligence activities, 14

BACKGROUND: One area of application for the ARPA IPTO new program in  
 Intelligent Terminals and Very Large Data Bases is intelligence.  
 Data is required to structure the research effort in these new  
 programs so as to complement research efforts in the intelligence  
 community, provide systems that fulfill user requirements, and  
 incorporate past research efforts, 15

TASKS: Provide data to the APRA IPTO by:  
 1. Surveying on-going research efforts on intelligence information  
 services,  
 2. Evaluate the features necessary in the systems produced by the  
 Intelligent Terminal and Very Large Data Base programs as related to  
 existing research projects and user requirements,  
 3. Survey existing and past research on intelligence analysts'  
 stations, 16

DELIVERABLES: Three reports; one each on each of the subjects  
 identified above, plus supporting reference materials, 17

RESOURCES: It is estimated that this effort will require three  
 man-months of consultant effort, 50 hours of SAI professional staff  
 effort, 100 hours of technical typist effort, and \$1500 of travel  
 expenses. The estimated total cost of these services is \$11,650. 18

TEST1

OBJECTIVE: Gather data to support the ARPA IPTO program in Very Large Data Bases (VLDB),

19

BACKGROUND: ARPA IPTO intends to begin a new program in Very Large Data Bases (VLDB). Data is required to help structure the research effort in the new program. Also, example data bases accessible via the ARPANET are needed so that the concepts developed in the program can be tested,

20

## TASKS:

1. Provide data to the ARPA IPTO by:
  - a. Identifying and describing VLDBs in the Department of Defense.
  - b. Describing the evolution of WWDMS.
  - c. Conducting a literature survey on the subject of Content Analysis and Information Retrieval.
  - d. Conducting a literature survey on the subject of Distributed Data Bases.
2. Identify data bases for installation on the ARPANET so that VLDB concepts can be tested. With ARPA IPTO approval, make example data bases available via the ARPANET.

21

DELIVERABLES; (1) Four reports; one each on each of the subjects identified above, plus supporting reference material. (2) A report on data bases made accessible via the ARPANET,

22

RESOURCES: It is estimated that this effort will require 224 hours of consultant effort, 287 hours of SAI professional staff effort, 64 hours of technical typist effort, and \$600 of miscellaneous expenses to be incurred as a result of travel and obtaining reference materials. The total cost of these services is estimated to be \$19,950.

23

24

TEST1

(J32174) 22-MAR-75 17:08;;; Title: Author(s): David C.  
Russell/DCR2; Distribution: /DCR2( [ ACTION ] ); Sub-Collections: NIC;  
Clerk: DCR2; Origin: < RUSSELL, SAI/UPDATE,NLS;3, >, 21-MAR-75  
08:23 DCR2 ;;;;###;

TEST3

(Journal) Journal documents (most recent first) 1

RA3Y JCN 13-MAR-75 14:56 32086  
 Office=1 Use by NICGUEST in February 1975  
 Location: (IJOURNAL, 32086, 1;w)  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\*

1a

(Journal) Journal documents (most recent first) 2

RA3Y JCN 11-MAR-75 19:02 32047  
 Office=1 Use by NICGUEST in January 1975  
 Location: (IJOURNAL, 32047, 1;w)  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\*

2a

(Journal) Journal documents (most recent first) 3

JHB 13-JAN-75 08:17 25066  
 Note on recent Network Problems  
 Location: (HJOURNAL, 25066, 1;w)  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\*

3a

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

3a1

(Journal) Journal documents (most recent first) 4

JCN 23-DEC-74 21:02 24725  
 Proposal ISU 74-254 Continued NLS Workshop Support for ARPA  
 Location: (HJOURNAL, 24725, 1;w)  
 \*\*\*\*\*Note: [ ACTION ] \*\*\*\*\*

4a

(Journal) Journal documents (most recent first) 5

JCN 18-DEC-74 04:48 24776  
 ARPA Office=1 Use: 1 July thru 7 December 1974 by Week, by User  
 Location: (GJOURNAL, 24776, 1;w)  
 \*\*\*\*\*Note: [ INFO-ONLY ] \*\*\*\*\*

5a

Comments: See also (24774,) for a Group summary. If you see any people who dont belong in the arpa group, let me know. Some of the names puzzel me. The DCA people ar included here, though, intentionally, for their use was supported by ARPA. Even though

TEST3

NSW people have been in the ARPA allocation group, I did list them separately in the summary. Details of their use are forthcoming. I am assuming that the complete use study, all users, groups, weeks, will be useful. I plan to send it to KWAC in a day or so. If you need more, just ask.

5a1

TEST3

(J32175) 22-MAR-75 17:18;;; Title: Author(s): David C.  
Russell/DCR2; Distribution: /DCR2( [ ACTION ] ); Sub-Collections: NIC;  
Cjerk: DCR2; Origin: < RUSSELL, DCR2,NLS;1, >, 25-NOV-74 16:57  
DCR2 ;;;;####;

Modifications to (Roetter,Record,)

NSRDC	1
MAR 5-6	1a
Rita accompanied me those two days, however I don't think they should be charged with all of her time, because she was observing me most of the time, with the two exceptions:	1a1
How about charging 4 hours of her time for answering questions during practice and taking half the group through Sendmail and SNDMSG?	1a2
SRI	2
FEB 6	2a
was actually 8 hours	2a1
MAR 3	2b
was actually 2 hours	2b1
ARPA=NSW	3
everything right	3a
ARPA	4
FEB 26	4a
4 hours	4a1
MAR 3	4b
4 hours	4b1
MAR 13	4c
6 hours	4c1

JMB 24-MAR-75 08:09 32176

Modifications to (roetter,Record,)

(J32176) 24-MAR-75 08:09;;; Title: Author(s): Jeanne M. Beck/JMB;  
Distribution: /SGR( [ ACTION ] ); Sub-Collections: SRI-ARC; Clerk:  
JMB;



Facilities

Jeanne, I made my changes, hope I wasn't too strong.###;

## Facilities

Rita, partly because Rob's demo and business discussions at ARPA Friday didn't work out too well (Connie felt imposed upon for several reasons), I would like to push for DNLS equipment at SRI-Wash. I thought of sending out something like this, what do you think (fill in the blanks or change whatever you wish and send back to me)?:

1

TITLE: Facilities for ARC people in Washington area

COMMENT:

AUTHOR(S):JMB RH

DISTRIBUTE FOR ACTION TO: MEH, JCN (will there be an opportunity to get DNLS equipment at SRI-WDC), RLL (Connie told me later that she found the demo & discussions on Friday awkward--could we push for DNLS equipment at SRI-WDC)

DISTRIBUTE FOR INFO-ONLY TO: ARC-APP

MESSAGE:

BRANCH AT:

PLEX AT: <,d>

2

Jeanne Beck & Rita Hysmith have been assigned an office at SRI-Wash. The office is Room numbers 517 and 519 (which at the present time are being converted into one large office, which can easily accommodate a workstation and a small audience) completely private, and the telephone number is (703)524-2053 ext. 247 and 398 (these extensions are subject to change). This office can be used by all Org, 750 people. All mail & other materials for Applications people in Washington (for RH or JMB etc), should be mailed c/o Hysmith or Beck to the Washington office via the SRI interoffice mail pouch.

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Facilities

(Granted, prospective clients like to see "current" clients at work). Demonstrations could be scheduled at our and our prospective future clients convenience not ARPA's (and the feeling there is no demo's are convenient).

2c

## Facilities

(J32178) 24-MAR-75 09:25;;; Title: Author(s): Rita Hysmith/RH;  
Distribution: /JMB( [ ACTION ] ) ; Clerk: RH; Origin:  
<IJOURNAL>32164,NLS;1, 21-MAR-75 14:39 XXX ;;; Title: Author(s):  
Rita Hysmith/RH; Distribution: /JMB( [ ACTION ] ) ; Sub-Collections:  
SRI-ARC; Clerk: RH; Origin: < HYSMITH, RESPONSE,NLS;2, >  
21-MAR-75 11:52 RH ;;;####;

Phone Log - Architects Contacted about OFFICE-1 service - Mar 19 - 24

The following is a compilation of comments on OFFICE-1 service since Tuesday the 18th as requested by DCE and JCN. The purpose of these contacts was to assess the general mood of OFFICE-1 clients, especially noting whether they had noticed any improvement within the past week and to record trouble as is still experienced. An attempt was made to speak to each architect; in some cases another user provided the input as is noted,

1

While each person noted one or two instances of trouble of some sort, the general mood seemed to be better with no really disgruntled users,

2

If there are any specific types of information we'd like to get from them I'm sure they would be willing to keep records and keep us informed. I encouraged all of them to send messages to feedback if they noted any significant improvements or problems with OFFICE-1,

3

Contacted 19 March

4

ARPA - Connie McLindon

4a

18th - got the message Full before specifying anything about who was trying to log in

4a1

19th got the message Open then Close immediately

4a2

slowness seems to have improved a little

4a3

HUDSON - S, Rohrbaugh and Mary Esbans,... (used to be Giacobino)

4b

susie complained of slowness and a lot of noise on the line (19th)

4b1

Mary also complained of noise and a long delay for commands in DNLS (but no change from the usual) - on 18th got message Open then Closed immediately, second time tried connection was opened

4b2

BELL - talked to Mike Bedford

4c

response time a little slow - he seemed to think jobs were taking more CPU time than usual - 6 secs, CPU to get herald when entering NLS (he has no startup branches)

4c1

MIT - Bob Sheppard

4d

Contacted by JCN - felt there had been some improvement

4d1

Contacted 20 March

5

Phone Log - Architects Contacted about OFFICE-1 Service - Mar 19 - 24

ETS - Dave pottter on jury duty for 2 weeks - Abi Harris called back to say they had not been able to get on - sounded like the terminal speed wasn't set right - they changed it and seemed to be o.k.

5a

NSRDC - Frank Brignoli

5b

no problem connecting; response improved - almost back to its state in January

5b1

BRL - Stan Taylor (new LP just installed)

5c

19th - 8:30 am EST connection was broken - got message OFFICE-1 is dead; they also had bad electrical storms causing power interruptions which may have resulted in connections being broken. At 3:00 pm tried to go from NLS to TENEX and nothing was reaching their 11 so everything was reset by their operator and all was well.

5c1

When they use the Jump to command they get the message No Such Marker about 1/3 of the time.

5c2

After first day of using lineprocessor were quite satisfied - had been apprehensive after hearing of MIT's experience

5c3

AMC - Mr. von Gehren

5d

Got a mysterious message "drain wait" (possibly coming from their ANTS?) - got message once when they were in NLS and lost their connection, and once when trying to open a connection.

5d1

He says they noticed some improvement in response with the addition of the drum but then the number of users increased.

5d2

Contacted 24 March

6

RADC - Ed Laforge

6a

things a bit better - Ed Kennedy has been keeping a log of net trouble and such things and sending them to feedback.

6a1

SRI - Kathy Mabrey

6b

She feels the response is faster - their biggest problem is too many users for the one slot

6b1

NSA - Terry Proch & Mil Jernigan

6c

On 20th and 21st was disconnected and had net trouble. Mil

Phone Log - Architects Contacted about OFFICE-1 Service - Mar 19 - 24

noted slowness by 9:00 EST. She also felt detached jobs were not getting logged off.

6c1

SGR 24-MAR-75 10:33 32179

Phone Log - Architects Contacted about OFFICE=1 service - Mar 19 - 24

(J32179) 24-MAR-75 10:33;;; Title: Author(s): Susan Gail  
Roetter/SGR; Distribution: /SRI-ARC( [ INFO-ONLY ] ) ; Sub-Collections:  
SRI-ARC; Clerk: SGR; Origin: < ROETTER, ARCHS,NLS;1, >  
24-MAR-75 10:23 SGR ;;;####;



RE your question <32134,> about RLL's <25592,>

RLL's <25592,> was a response to my training course report  
<IJOURNAL,32106,4> on course at Pentagon for NSW slot 11-MAR-75. I  
thought you had received a copy.

1

Incidentally, in that report & in <32104,> (NSRDC), there is stuff on  
course outline material (<32106,5> & <32106,3b> & <32104,3b>) that  
might be relevant to your recent comments on future course  
development <see--32137,>. Could you look at those?

2

JMB 24-MAR-75 12:26 32180

RE your question <32134,> about RLL's <25592,>

(J32180) 24-MAR-75 12:26;;; Title: Author(s): Jeanne M. Beck/JMB;  
Distribution: /SGR( [ ACTION ] ); Sub-Collections: SRI-ARC; Clerk:  
JMB;

Additional SAI tasks Under AO2886

The attached task statements are provided to support SAI work under AO 2886 and Amendment 1 to AO 2886. While each is under \$20K, they are provided to ensure your records on this work are complete.

STATEMENT OF WORK  
TASK 75-7

OBJECTIVE: Support the ARPA IPT Office by providing a referencable record that adequately expresses the technical content of the 6 and 7 March, 1975 meeting of the Image Understanding Workshop.

BACKGROUND: The ARPA IPT Office is convening an Image Understanding Workshop of 6 and 7 March, 1975. The purpose of the meeting is to explore possible future avenues of basic and applied research for the automatic extraction of information from photographs and other image data. A technically accurate record of the presentation at the meeting is required for later reference.

TASK: Record the proceedings of the 6 and 7 March, 1975 Image Understanding Workshop. Produce a technically accurate written record of the proceedings and coordinate it with the attendees to the meeting to insure its accuracy. Produce a final, acceptable version for distribution.

RESOURCES: It is estimated that this effort will require 2 manweeks of SAI professional staff effort and 2 manweeks of technical typist effort. It is estimated that these services will cost \$3,800.

STATEMENT OF WORK  
TASK 75-8

OBJECTIVE: Gather data to support the APRA IPTD program in Intelligent Terminals.

BACKGROUND: ARPA IPTD intends to begin a new program in Intelligent Terminals. Data is required to help structure the research effort in the new program.

## Additional SAI tasks under A02886

TASK: Provide data to the ARPA IPTO by:

1. Conducting a literature survey on the subject of Teleconferencing.
2. Conducting a literature survey on the subject of Human Factors in Computing.
3. Conducting a literature survey on the subject of User Authentication Methods.
4. Analyzing and reporting on the MIL SPEC production system. 11

DELIVERABLES: Four reports; one each on each of the subjects identified above, plus supporting reference material. 12

RESOURCES: It is estimated that this effort will require 120 hours of consultant effort, 77 hours of SAI professional staff effort, and 32 hours of technical typist effort. The estimated total cost of these services is \$7,500. 13

STATEMENT OF WORK  
TASK 75-9 14

OBJECTIVE: Support the ARPA IPTO programs in Intelligent Terminals and Very Large Data Bases by gathering data on how these programs may support DoD intelligence activities. 15

BACKGROUND: One area of application for the ARPA IPTO new program in Intelligent Terminals and Very Large Data Bases is intelligence. Data is required to structure the research effort in these new programs so as to complement research efforts in the intelligence community, provide systems that fulfill user requirements, and incorporate past research efforts. 16

TASKS: Provide data to the ARPA IPTO by:

1. Surveying on-going research efforts on intelligence information services.
2. Evaluate the features necessary in the systems produced by the Intelligent Terminal and Very Large Data Base programs as related to existing research projects and user requirements.
3. Survey existing and past research on intelligence analysts' stations. 17

DELIVERABLES: Three reports; one each on each of the subjects identified above, plus supporting reference materials. 18

## Additional SAI tasks Under AO2886

RESOURCES: It is estimated that this effort will require three man-months of consultant effort, 50 hours of SAI professional staff effort, 100 hours of technical typist effort, and \$1500 of travel expenses. The estimated total cost of these services is \$11,650. 19

STATEMENT OF WORK 20  
TASK 75-10

OBJECTIVE: Gather data to support the ARPA IPTO program in Very Large Data Bases (VLDB). 21

BACKGROUND: ARPA IPTO intends to begin a new program in Very Large Data Bases (VLDB). Data is required to help structure the research effort in the new program. Also, example data bases accessible via the ARPANET are needed so that the concepts developed in the program can be tested. 22

## TASKS;

1. Provide data to the ARPA IPTO by:
  - a. Identifying and describing VLDBs in the Department of Defense.
  - b. Describing the evolution of WWDMS.
  - c. Conducting a literature survey on the subject of Content Analysis and Information Retrieval.
  - d. Conducting a literature survey on the subject of Distributed Data Bases.
2. Identify data bases for installation on the ARPANET so that VLDB concepts can be tested. With ARPA IPTO approval, make example data bases available via the ARPANET. 23

DELIVERABLES: (1) Four reports; one each on each of the subjects identified above, plus supporting reference material. (2) A report on data bases made accessible via the ARPANET. 24

RESOURCES: It is estimated that this effort will require 224 hours of consultant effort, 287 hours of SAI professional staff effort, 64 hours of technical typist effort, and \$600 of miscellaneous expenses to be incurred as a result of travel and obtaining reference materials. The total cost of these services is estimated to be \$19,950. 25

Additional SAI tasks under A02886

Total Cost TASKS 75-7 to 75-10	\$42,900
	-----
Total Estimated Cost of Previous TASKS 75-1 thru 75-6	\$106,656
	-----
Total Estimated Amount on TASK 75-1 thru 75-12	\$149,956
	-----

DAVID C. RUSSELL  
Colonel, USA  
Deputy Director  
ARPA/IPTO

26

27

Additional SAI tasks under A02886

(J32183) 25-MAR-75 05:06;;; Title: Author(s): David C.  
Russell/DCR2; Distribution: /EJK( [ ACTION ] ) CF( [ INFO-ONLY ] ) DCR2(  
[ INFO-ONLY ] ) ; Sub-Collections: NIC; Clerk: DCR2; Origin: <  
RUSSELL, SAI/UPDATE,NLS;4, >, 24-MAR-75 07:27 DCR2 ;;;;####;

NLS Financial Management System

"The time has come," the walrus said, "to start getting together."



## NLS Financial Management System

Jim and Dean,

When I visited SRI last January, we talked about building a subsystem under NLS to deal with some of the accounting problems that the IS division has been trying to deal with unsuccessfully. This effort, christened the NLS Financial Management System, is to be constructed from L10 programs and the Command Meta Language. Since then I have been overallly amiss in keeping you informed on what has been transpiring in regard to this system,

What has happened does not seem to be much now that I am forced to sit down and tell somebody. After laying out a project plan that was approved on Feb, 1 (for a copy of this plan, see REQ), I have collected some data and formed an experimental database. This helped us (Frank LaMonica has been seconded to work with me) analyze exactly what is going on in the procurement-contract cycle. Following an iterative process, we have laid out a tentative database design (its description can be found in a file of mine called DATABASE). I have also been attempting to lay out some of our findings in a functional spec which, hopefully, shall become detailed enough to serve as the basis for the programming design. This document is still uncompleted, but I will let you know when I get it into good enough shape for your review.

Concurrently, I have also taken what has come to be my annual crack at L10 programming (self-taught). This year I have made a quantum leap and have written an Content Analyzer program that has impressed me, if no one else (until I think of how long I worked on it). Lately, I have delved into executable programs with limited success,

At some point in the near future, we should be coordinating our plans to see if we can work out some schedule that can be mutually satisfying. Sometime in the near future (maybe another two weeks or so) and I hope to be in the position for a serious design review. If Dean has any plans about going to Montreal, maybe we could work out something that will fit in with that trip. One of the main things I'm thinking of freezing on is the design for the database, so that we can start our branch administrator with the job of creating SOPs for data collection and entry. I have been looking at the Aug report of M. E. Jernigan on the online database for the XDOC Catalog and I think this might be a good example to model our design around.

I have also become resigned (?) to spending a number of weeks at SRI for training in L10 and then for working under Dean's supervision in actually implementing the Financial Management System, and the division appears committed to this trip as well. Stoney tells me about the workload that Watson's group is under but I hope to start making some plans anyway.

If we can get together for the initial design review sometime in the first half of April, I would like to shoot for the first of May as the time to go to SRI (assuming that no major revisions are needed in the design). I would like to spend that time at SRI learning L10 and actually start programming the system. At that time I would also like to be able, at least, to specify exactly what we need from Watson's group to support us in the areas of floating point numbers, and graphical displays (e.g. Superwatch and Belleville's DIAGRAM). Then when I have gained enough experience and confidence to go it alone, I might return to RADC to finish the programming here with Frank over the summer (this gives Watson's group a chance to work on their contributions after they have wrapped up their NSW stuff). Then a final get together could take place either at Rome or SRI for integration and testing during August.

7

Of course, this is all open. Perhaps you could discuss this, scan those files I mentioned and then get back to me before too long.

8

NLS Financial Management System

(J32184) 25-MAR-75 07:18;;; Title: Author(s): Joe P. Cavano/JPC;  
Distribution: /JCN( [ ACTION ] ) NDM( [ ACTION ] ) DLS( [ INFO-ONLY ] )  
RWW( [ INFO-ONLY ] ) ; Sub-Collections: RADC; Clerk; JPC;  
Origin: < CAVANO, SRI/LET,NLS;1, >, 25-MAR-75 07:10 JPC ;;;####;

Reply to <32106,> and <25592,> - Attendance at NLS Classes + Misc,

I have a couple of comments on the problem of attendance at NLS classes,

I do not feel that the best policy is to "kick-out" anyone. I think it should be made clear at the beginning of a class what the purpose of the class is and possibly how it will be conducted - pointing out that it will be an introduction to NLS in a very methodical way and not at all in the sense of an overview,

If people then want to stay who will not be users I think that's fine - they should also feel free to leave when they want but the class should be aimed at the users not the observers,

I think the problem of choosing who will attend a class should lie with the architect and I feel the problem at the Pentagon is that they don't have an architect on site who knows the people and can arrange for classes etc,

It would seem reasonable to me to hold a class for users, then schedule other short times with other groups who have other needs. If the trainer doesn't feel qualified to lead such a discussion then it should be scheduled at some future date when another ARC person (marketing etc,) is available,

As far as the way classes are conducted and what documentation is used:

I've found too that people generally don't like to make up text during practice. What I have often done is have them type in the four or so paragraphs on the front of the Primer which give a brief introduction to NLS. This also gets them introduced to the Primer,

When physical limitations prevent you from lecturing in the same room as practice, different methods should be used. One option is to teach a small amount then practice etc, which involves a lot of moving around. Other options would be to use additional documentation such as that developed for ARPA (where the situation was often as described above) to aid in making a point,

I'm glad the memo designed for ARPA was useful. Documentation of this sort may be a useful addition to our documentation collection. I've heard the NSW people are considering doing something of that sort for NLS-9.

Reply to <32106,> and <25592,> - Attendance at NLS Classes + Misc.

(J32186) 25-MAR-75 09:31;;; Title: Author(s): Susan Gail  
Roetter/SGR; Distribution: /JMB( [ INFO-ONLY ] ) RH( [ INFO-ONLY ] )  
SLJ( [ INFO-ONLY ] ) JCN( [ INFO-ONLY ] ) RLL( [ INFO-ONLY ] ) DCE( [ INFO-ONLY ] )  
JHB( [ INFO-ONLY ] ) ; Sub-Collections: SRI-ARC; Clerk:  
SGR; Origin: < ROETTER, BLAP,NLS;1, >, 25-MAR-75 09:26 SGR  
;;;####;

Trip Report for March 3-20 (ETS, NUSC, MCA, NELC, NUC, NWC)

ARC-DEV people will probably be interested in MCA's course

## Trip Report for March 3-20 (ETS, NUSC, MCA, NELC, NUC, NWC)

ETS (3 days - March 3-5) 1

1. Persons contacted 1a

Dave POTTER, Abi Harris, Bill Nemceff, Brenda Brown, Len SWANSON, Lorraine (Lori) SINNOTT 1a1

2. COURSE: 1b

1st day - covered Basic Course, used the Message program instead of sndmsg 1b1

2nd day - reviewed first course and covered second course with Lori, Abi and Bill; Brenda typed and edited a bibliography for Abi 1b2

3rd day - talked about handling mail with Lori and Abi, message program, process commands, used the process commands branch that was in RUMAR; in the afternoon we talked about the output processor, how to copy files between directories and use the interrogate command. We also talked a bit about structuring files for the bibliographic data base. 1b3

3. APPLICATION (1 slot) 1c

Abi, Brenda, and probably Bill will be using NLS for compiling bibliographic data bases from which they can retrieve information when writing proposals etc. Also general report and proposal writing. 1c1

NSRDC - NUSC (Naval Underwater Systems Center - New London, Conn.) (2 days - March 6-7) 2

1. Persons contacted 2a

Jim Shores, George Egeland, Bruce McFarland, Arthur Werbner, Mary Rita Powers, Sarah Rogers (half of first day only), Robert Almeida, Michael Marcy 2a1

2. COURSE: 2b

1st day - basic course 2b1

2nd day - second course plus a look at the output processor user guide 2b2

3. ASSISTANCE (other than formal course): 2c

Jim Shores perused my L10 Users Guide 2c1

Trip Report for March 3-20 (ETS, NUSC, MCA, NELC, NUC, NWC)

4. APPLICATION (2 slots) 2d

Working collaboratively with Navy installations in preparation for a Navy network 2d1

5. ISSUES : 2e

The number of terminals available (fullduplex) was small and required the use of their Autovon lines to reach a TIP. No terminals were available in the room where lectures for the class were given - only in individual offices. 2e1

ARPA-NSW - MCA (Massachusetts Computer Associates) (3 days - March 10-12) 3

1. Persons contacted 3a

Attending all 3 days: Judy Riley (Warshall's secretary), Jim BOTTO, Kirk SATTLEY, Janie Cotreau, Rosemary Connors (general secretary), Mike WOLFBERG 3a1

Attending first day only: Charlie Muntz, Mat Myszewski, Neil Johnson, Dave Erickson, Dave Presberg 3a2

2. COURSE: 3b

1st day - basic course - started second 3b1

2nd day - finished second course, message program to send mail over the net, help, process commands 3b2

3rd day - Locator, output processor overview, other user programs (gave copies of program description given to architects); discussion of useroptions and calculator from command summary, plex 3b3

3. ASSISTANCE (other than formal course): 3c

Dave Erickson and Dave Presberg were interested in L10 programming so I linked to DIA and he suggested some places to look for some "typical" code. KEV sent a link to the document on programming conventions used. 3c1

4. APPLICATION (3 slots) 3d

Conversing with ARC programmers on NSW project. Documentation of NSW work. 3d1



Trip Report for March 3-20 (ETS, NUSC, MCA, NELC, NUC, NWC)

NSRDC - NELC (Naval Electronics Lab Center) & NUC (Naval Undersea Center - San Diego) (2 days - March 17-18) 4

1. Persons contacted 4a

NELC: John Wolfe, Greg Noel; first day only: Harold Dumas, Cliff Thompson, Janet McDonald, George Tice 4a1

NUC: Isaac Bornstein, Bob Unger 4a2

2. COURSE: 4b

1st day - basic course - twice through, once for NELC once for NUC; Rita did sections on editing and using sendmail 4b1

2nd day - second course, locator 4b2

3. ASSISTANCE (other than formal course): 4c

showed them how to change their command recognition to demand for a little easier use in half duplex 4c1

4. APPLICATION (2 slots) 4d

working collaboratively with Navy installations in preparation for a Navy network 4d1

5. ISSUES : 4e

The local network node is UCSD which has no TIP. This means they have to go through the UCSD host, be charged connect time there and then work only in halfduplex. Their alternative is to use their Autovon lines which they are reluctant to do, 4e1

NSRDC - NWC (Naval Weapons Center - China Lake, CA) (2 hrs - March 20) 5

1. Persons contacted 5a

John Zenor 5a1

2. COURSE; 5b

We quickly went through what he didn't know in the basic course and as much of the second course as time allowed, 5b1

3. APPLICATION (2 slots) 5c

Trip Report for March 3-20 (ETS, NUSC, MCA, NELC, NUC, NWC)

Working collaboratively with Navy installations in preparation  
for a Navy network

5c1

4. DISCUSSIONS:

5d

He showed me some interesting documentation that Frank Brignoli  
has written. One thing was an introduction to NLS. There was  
also a segment from the old TNLS users guide on structure. I  
think well worth looking at.

5d1

SGR 25-MAR-75 09:51 32187

Trip Report for March 3-20 (ETS, NUSC, MCA, NELC, NUC, NWC)

(J32187) 25-MAR-75 09:51;;; Title: Author(s): Susan Gail  
Roetter/SGR; Distribution: /SRI-ARC( [ INFO-ONLY ] ) RH( [ INFO-ONLY ] )  
FGB( [ INFO-ONLY ] ) ; Sub-Collections: SRI-ARC; Clerk: SGR;

february 1975 status report

**\*reliability\***

1

THE 28 DAYS OF FEBRUARY REPRESENTED THE FIRST FULL MONTH OF OPERATION UNDER THE 7 DAYS PER WEEK/20 HOURS PER DAY SCHEDULE, DURING THIS PERIOD A TOTAL UPTIME PERCENTAGE OF 98.476% WAS ACHIEVED; TYMSHARE UPTIME WAS 98.668%, AN OVERVIEW OF DOWNTIME INFLUENCES FOR THE MONTH SHOWS THAT NETWORK RELATED PROBLEMS WERE THE MOST FREQUENT SOURCE OF SERVICE INTERRUPTION AND THAT HARDWARE PROBLEMS (PARTICULARLY WITH MEMORIES) PREDOMINATED DURING THE LAST HALF OF THE MONTH, A BREAKDOWN OF THE TOTAL DOWNTIME FOR THE MONTH (8:30 FOR 1.524%) IS AS FOLLOWS:

1a

PERSONNEL ERROR	1:25	FOR	.254%
HARDWARE	3:41	FOR	.660%
NETWORK	1:04	FOR	.191%
UTILITY	:35	FOR	.104%
TYM/SOFTWARE	1:45	FOR	.314%

1a1

**\*HARDWARE\***

2

THE HARDWARE HIGHLIGHT FOR FEBRUARY WAS THE RECONFIGURATION OF OFFICE-1 TO ALLOW FOR EXPANSION AND BRINGING A SECOND RM10-B DRUM ON LINE. A CAREFUL STRATEGY OF ACCOMPLISHING THIS YIELDED THE AVOIDANCE ON ANY USER DISRUPTIONS AND CULMINATED WITH SUCCESSFUL COMPLETION OF THE PROJECT ON 2/28.

2a

MEMORY PROBLEMS DURING THE MONTH WERE PREVENTED FROM LINGERING BY TYMSHARE MAINTENANCE, HOWEVER ON 2/25 FOLLOWING TWO CRASHES FOR BAD PARITY IT WAS NECESSARY TO DESELECT 64K OF CORE PENDING CORRECTIVE MAINTENANCE THAT EVENING, AT THE TIME THE USER LOAD WAS QUITE HIGH AND SRI-ARC DECIDED TO WAIVE TYMSHARE RESPONSIBLE DOWNTIME AND SCHEDULE CORRECTIVE MAINTENANCE DURING NORMAL UPTIME HOURS, AFTER DIAGNOSTICS THE PROBLEM WAS CORRECTED WHEN A BAD BOARD IN ONE OF THE MEMORY BANKS WAS FOUND TO BE FAULTY AND REPLACED, ALTHOUGH THE SECOND DRUM HAS ALTERED THE SITUATION SOMEWHAT, THIS EPISODE RAISES SOME DOUBTS AS TO THE FEASIBILITY OF RUNNING WITH LESS THAN FULL CORE DURING PEAK USER LOAD PERIODS, IF THIS IS SO, THERE MIGHT BE LESS FLEXIBILITY IN DEALING WITH HARDWARE PROBLEMS AND SYSTEM AVAILABILITY COULD BE JEOPARDISED, THIS ISSUE WILL BE PURSUED FURTHER IN MARCH.

2b

NETWORK PROBLEMS WERE QUITE SEVERE IN FEBRUARY ALTHOUGH REVERTING TO AN EARLIER VERSION OF TIP CODE SEEMED TO IMPROVE MATTERS SOMEWHAT, THERE WERE CONFLICTING ACCOUNTS OF THE IMPACT THE NEW VDH (VERY DISTANT HOST) LINE TO STANFORD MEDICAL CENTER WAS HAVING ON TIP THROUGHPUT FOR OFFICE-1 USERS, AT THE BASE OF HARDWARE RELATED REASONS FOR NETWORK PROBLEMS WAS THE LACK OF AVAILABLE BUFFER SPACE IN THE TYMSHARE TIP, FINALLY IN EARLY MARCH CHARLES KELLEY FROM ARPA CAME TO TYMSHARE TO INSTALL AN

february 1975 status report

ENGINEERING CHANGE DESIGNED TO PREVENT A STRING OF BREAK CHARACTERS FROM OVERFLOWING THE TIP BUFFERS, WHILE HE WAS HERE HE DISCOVERED AN INTERMITTANT PROBLEM IN THE TIP RELATING TO VIBRATION SENSITIVITY AND HONEYWELL WAS CALLED IN TO CORRECT THE PROBLEM. ARPANET USERS DO NOT SEEM FROM HERE TO BE HAVING THE SAME HIGH LEVEL OF DIFFICULTY IN USING OFFICE-1 SO FAR IN MARCH; HOPEFULLY THE STORM OF NETWORK PROBLEMS IS PASSING,

2c

## \*SOFTWARE\*

3

THE MAIN THRUST OF SOFTWARE DEVELOPMENT IN THE MONTH OF FEBRUARY WAS TWO MONITOR UPDATES 13142 AND 13143, THE FIRST OF THESE INCREASED THE ALLOCATION OF BUFFERING SPACE FOR LINE PROCESSOR OR TELNET USAGE, IT ALSO SET THE STAGE FOR AN EXPANDED HASH TABLE TO REMOVE THE INABILITY TO SET UP NEW USER DIRS ON OFFICE-1, MONITOR VERSION 13143 CONTAINED CODE FOR RUNNING 2 DRUMS, CREDIT IS DUE TO JERRY WHEAT IN HIS ABILITY TO PRODUCE WORKABLE CODE WITH VERY LITTLE IN THE WAY OF SYSTEM TIME,

3a

SRI-ARC HAS ADDED A NEW SYSTEM JOB CALLED CHKHLP, IT REPORTEDLY FUNCTIONS AS AN AUXILIARY TO THE CHKPNT ACCOUNTING STATISTICS GATHERING PROGRAM,

3b

## \*PERSONNEL AND TRAINING\*

4

I ATTENDED THE SRI-ARC ARCHITECTS (USER GROUP) MEETINGS AT SRI AND MADE OVERTURES THAT I'D LIKE SOME FORMAL NLS TRAINING IN THE NEAR FUTURE, THIS WAS MORE THAN ACCEPTABLE TO THEM AND IF ALL THE SCHEDULING ASPECTS ARE RIGHT I MAY RECIEVE THIS TRAINING IN MARCH OR APRIL,

4a

## \*SERVICES AND SUPPLIES\*

5

SUPPLIES FOR FEBRUARY CONSISTED IN 11 NEW MAG TAPES 9 CASES OF PRINTER PAPER, 1 CASE OF TERMINAL PAPER AND 8 COURIER DELIVERIES, IT SHOULD BE NOTED THAT THERE WAS A LARGE INCREASE IN THE LISTING LOAD DUE PRIMARILY TO THE REMOVAL OF SRI'S PDP-10 TOWARD THE END OF THE MONTH, A PAPER ORDER TO AVOID DEPLETION OF OUR INVENTORY WAS SUBMITTED TO PREPARE FOR THIS,

5a

ANOTHER SERVICE EFFECTED BY THE REMOVAL OF SRI'S 10 IS REMOTE ARCHIVE REQUESTS (WHICH HAVE BECOME QUITE RARE), A PROCEDURE WILL HAVE TO BE ARRANGED WITH ARC PERSONNEL SO THAT IF AND WHEN OFFICE-1 USERS REQUIRE FILES FROM TAPES AT SRI THE TURNAROUND WILL NOT BE EXCESSIVE,

5b

february 1975 status report

(J32188) 25-MAR-75 13:08;;; Title: Author(s): Robert L.  
Martinez/BOBM; Distribution: /JCN( [ INFO-ONLY ] ) BOBM( [ INFO-ONLY ] )  
; Sub-Collections: NIC; Clerk: BOBM; Origin: < MARTINEZ,  
FEBSTATUS,NLS;1, >, 25-MAR-75 12:47 BOBM ;;;<MARTINEZ>BOBM,NLS;2,  
22-AUG-74 13:36 XXX ;####;

MEMORANDUM OF AGREEMENT  
BETWEEN  
DIRECTOR, DEFENSE COMMUNICATIONS AGENCY  
AND  
DIRECTOR, DEFENSE ADVANCED RESEARCH PROJECTS AGENCY  
ON  
TRANSFERRING THE MANAGEMENT OF THE ARPANET TO DCA

1

1. It is agreed that, subject to the provisions of this Memorandum of Agreement (MOA), the responsibility for operational management of the ARPANET will be transferred from the Defense Advanced Research Projects Agency (ARPA) to the Defense Communications Agency (DCA) effective 1 July 1975. Actions necessary to facilitate the orderly transfer of the management responsibility will be initiated in a time phased manner upon approval of this agreement. It is further agreed that DCA will continue to operate the ARPANET for a period of three years and thereafter, if necessary, until equivalent service can be provided present and any new users, maintaining at least the current level of network performance, subject to the terms and conditions stated below. However

2

dca/arpa moa

if at any time the amount of network traffic or the number of network users becomes too small to support the operation of the network, DCA may adjust the structure of the network. The specific items of agreement are that: 2

a. The ARPANET is defined for the purpose of this document as being limited to the network Interface Message Processors (IMPs) and Terminal Interface Processors (TIPs), their interfaces and the communications lines connecting them. It does not include the user access lines to IMPs and TIPs from host computers and terminals. The ARPANET also includes the Network Control Center currently operated by Bolt, Beranek and Newman. The overseas parts of the present ARPANET (links to Norway, England, and Hawaii and equipment in those places) are not to be transferred to DCA. 3

b. A Sponsors' Group consisting of representatives of the various ARPANET sponsors will be established under the Chairmanship of DCA to provide advisory services to include review and coordination on all actions that may impact on services rendered by the network. ARPA will be a member of the Sponsors' Group. 4

c. DCA and ARPA will jointly prepare a detailed Transition Plan for transfer of operational management of the network. This Transition Plan will



dca/arpa moa

include, inter alia, details for the transfer of government property, contracts agreements, and leases and will establish the charter for the Sponsors' Group. It will also specify the management procedures to be followed in implementing significant technical or management changes. 5

d. ARPA will provide a list of the government agencies presently using or presently projected to use the ARPANET and the types of service required by each. For each qualified nongovernment user using or projected to use the network under ARPA sponsorship, ARPA will identify the contracts or grants under which that user employs the ARPANET on behalf of ARPA and provide a short statement of the need for the user to be a subscriber to the Network. In addition, ARPA will identify the other government agencies presently authorized to sponsor nongovernment users in performance of work on behalf of those agencies and will request each such agency to identify and justify the nongovernment users it sponsors. Further, it is understood that nongovernment users will have their use restricted to that required to support their contracted or other efforts in behalf of the U.S. Government. 6

e. Common user operating costs for the part of the ARPANET transferred to DCA will be financed through the Communications Services Industrial Fund, and

dca/arpa moa

these costs will be covered by the sponsors. As mentioned earlier, the overseas segments, including transoceanic circuits, are not to be transferred to DCA,

7

f. ARPA will continue funding, subject to the availability of funds, for ARPANET communications services for current and future contractors in accordance with their need for three years at essentially the current level,

8

g. A charging mechanism for all users of the network will be developed by DCA, ARPA will provide assistance as required,

9

h. ARPA will provide a breakdown of all annual costs associated with operational management of the network, including applicable Basic Termination Liability,

10

i. ARPA will provide system documentation of all, including the latest, ARPANET software releases and hardware plant in place. Specific documentation requirements will be identified in the network transfer plan. ARPA will also make available government owned network design/analysis programs developed in support of the ARPANET,

11

j. DCA will have the option to place new and additional users on the network, including those validated by ARPA. DCA will review, on an annual

dca/arpa moa

basis, each user's qualification for service. DCA recognizes the importance of the ARPANET to ARPA research. Accordingly any action to deny service to a present or proposed ARPA user of the network will be reviewed with the Director of ARPA. 12

k. Either DCA or ARPA may use the network to test new concepts and developments after prior coordination with the operational manager. Any disapproval of such proposed activities will be by the Director, DCA. The cost of these activities will be borne by the sponsoring agency. 13

l. DCA may authorize the interconnection of the network with other networks or use the network to test AUTODIN II concepts as appropriate. 14

m. DCA and ARPA will jointly explore the options for a second Network Control Center (NCC). ARPA will assist DCA in the development and initial establishment of a second NCC at a DCA site. In addition to technical support, ARPA will provide an IMP or TIP, a NCC control computer system at a cost not to exceed \$80K, and up to \$100K of NCC software modifications required to support the initial establishment of the second NCC subject to the availability of FY 1976 funds to the extent, if any, such funds are required. Operational costs and subsequent NCC software modification costs will be financed by DCA or the

dca/arpa moa

Communications services Industrial Fund, as appropriate. The milestones for this development are a limited capability by 1 October 1975, or as soon thereafter as practical, and a full capability by 1 July 1976. 15

n. ARPA will be responsible for all operational management actions that occurred as a result of their operational management of the ARPANET prior to 1 July 1975.

16

-----  
date

-----  
date

17

LEE M. PASCHALL  
Lieutenant General, USAF  
Director, Defense  
Communications Agency

•  
GEORGE H. HEILMEIER  
Acting Director, Defense  
Advanced Research Projects  
Agency

18

dca/arpa moa

(J32190) 25-MAR-75 14:15;;; Title: Author(s): David C.  
Russell/DCR2; Distribution: /STW( [ ACTION ] ); Sub-Collections: NIC;  
Clerk: DCR2; Origin: < RUSSELL, DCAAGREEMENT,NLS;9, >, 28-FEB-75  
13:56 DCR2 ;;;;####;

Your Notes on a Distributed Processing System

Just a short note to say thanks for your memo. It is very helpful to us in applications when we receive such useful summaries of what is going on in Development.

Your Notes on a Distributed Processing System

(J32193) 24-MAR-75 08:37;;; Title: Author(s): Raymond R.  
Panko/RA3Y; Distribution: /JEW( [ INFO-ONLY ] ) JBP( [ INFO-ONLY ] ) ;  
Sub-Collections: SRI=ARC; Clerk: RA3Y;

DNLS DOCUMENTATION AT BRL

SUSAN; THIS IS DON TAYLOR AT BRL. WE NOW HAVE THE LINEPROCESSOR  
CONNECTED AND OPERATING BUT WE DON'T HAVE ANY DOCUMENTATION ON  
DNLS. CAN YOU POINT US TO SOME ON-LINE DOCUMENTATION OF DNLS AND ANY  
COURSE OUTLINES, ETC. THAT WOULD BE HELPFUL? WE WOULD APPRECIATE ANY  
INFO YOU CAN GIVE US. MY IDENT IS DFT FOR JOURNAL MAIL. THANK  
YOU----DON.

1



DNLS DOCUMENTATION AT BRL

(J32194) 25-MAR-75 09:31;;; Title: Author(s): Donald F.  
Taylor/DFT; Distribution: /SGR( [ ACTION ] ) DFT( [ INFO-ONLY ] ) SMT( [  
INFO-ONLY ] ) ; Sub-Collections: NIC; Clerk: DFT;

Doing me DIRT

Sorry for the lag in answering your (journal,25571,)- there was a snafu in my Journal mailbox, and things went every wich way. I would be quite happy to get on the DIRT distribution list. I would also suggest Elizabeth Finney at the AF Data Services Center might also like to be on, and am copying her (EFF) on this message. /Larry

1

Doing me DIRT

(J32195) 25-MAR-75 14:14;;; Title: Author(s): Lawrence A.  
Crain/LAC; Distribution: /DVN( [ ACTION ] ) WEC( [ INFO-ONLY ] ) KS( [  
INFO-ONLY ] ) SW( [ INFO-ONLY ] ) EFF( [ INFO-ONLY ] ) ;  
Sub-Collections: NIC; Clerk: LAC;

## Possible Glitch in MODIFY Program

Do we have a glitch in the modify program???? 1

This is the virgin (you should forgive the expression) plex. 2

12345678901234567890 1234567890 2a

12345678901234567890 1234567890 2b

12345678901234567890 1234567890 2c

12345678901234567890 1234567890 2d

12345678901234567890 1234567890 2e

12345678901234567890 1234567890 2f

12345678901234567890 1234567890 2g

12345678901234567890 1234567890 2h

This is the plex after bugging the FIRST 9 and the FIRST 0 using  
DELETE COLUMN command of the MODIFY program. 3

12345678234567890 1234567890 3a

12345678234567890 1234567890 3b

12345678234567890 1234567890 3c

12345678234567890 1234567890 3d

12345678234567890 1234567890 3e

12345678234567890 1234567890 3f

12345678234567890 1234567890 3g

12345678234567890 1234567890 3h

This is the plex after bugging the SECOND 9 and the SECOND 0 using  
DELETE COLUMN command of the MODIFY program. 4

123456789012345678 1234567890 4a

123456789012345678 1234567890 4b

123456789012345678 1234567890 4c

123456789012345678 1234567890 4d

## Possible Glitch in MODIFY Program

123456789012345678	1234567890	4e
123456789012345678	1234567890	4f
123456789012345678	1234567890	4g
123456789012345678	1234567890	4h

This is the plex after bugging the FIRST SPACE and the SECOND SPACE using DELETE COLUMN command of the MODIFY program.

12345678901234567890	1234567890	5a
12345678901234567890	1234567890	5b
12345678901234567890	1234567890	5c
12345678901234567890	1234567890	5d
12345678901234567890	1234567890	5e
12345678901234567890	1234567890	5f
12345678901234567890	1234567890	5g
12345678901234567890	1234567890	5h

This is the plex after bugging the FIRST 9 and the SECOND 9 using DELETE COLUMN command of the MODIFY program.

12345678	1234567890	6a
12345678	1234567890	6b
12345678	1234567890	6c
12345678	1234567890	6d
12345678	1234567890	6e
12345678	1234567890	6f
12345678	1234567890	6g
12345678	1234567890	6h

Possible Glitch in MODIFY Program

(J32196) 26-MAR-75 13:32;;; Title: Author(s): Edmund J.  
Kennedy/EJK; Distribution: /FEED( [ ACTION ] ) DLS( [ INFO-ONLY ] ) RBP(  
[ INFO-ONLY ] ) JPC( [ INFO-ONLY ] ) ELF( [ INFO-ONLY ] ) RJC( [  
INFO-ONLY ] ) JLM( [ INFO-ONLY ] ) ; Sub-Collections: RADC; Clerk: EJK;

## Directory Request

Please add the following directory on Office-1:

Directory name: MCDANIEL	1
IDENT: CFM	2a
Account: 700	2b
Password: CFM	2c
Disk pages: 300	2d
Allocation group: SRIUU	2e
Default protection: 775252	2f
Person's name: MCDANIEL, Charleen F.	2g
Address: SRI E201	2g1
Phone: 326-6200 X 2411	2g2
Organization: SRI	2h
Title: Interoffice Assistant	2i
Function: Assist with the PDG group effort.	2j

-- Glenn

3

## Directory Request

(J32197) 26-MAR-75 17:35;;; Title: Author(s): Glenn A.  
Sherwood/GAS2; Distribution: /FEED( [ ACTION ] ) PWO( [ INFO-ONLY ] )  
KLM( [ INFO-ONLY ] ) HEB( [ INFO-ONLY ] ) ; Sub-Collections: NIC;  
Clerk: GAS2; Origin: < SHERWOOD, DIRECTORYREQUEST,NLS;8, >  
26-MAR-75 17:31 GAS2 ;;;####;



New ident for Architects ... AID

Thank you for setting up the new ident AID. It is hoped that the architects will find this useful for the exchange of ideas and problems. Please feel free to use this ident for information exchange among architects.

1

RMS2 27-MAR-75 06:25 32198

New ident for Architects ... AID

(J32198) 27-MAR-75 06:25;;; Title: Author(s): Robert M.  
Sheppard/RMS2; Distribution: /FEEDBACK( [ INFO-ONLY ] ) AID( [ INFO-ONLY  
] ) ; Sub-Collections: NIC FEEDBACK AID; Clerk: RMS2;

Reply to your 26 Mar 75 Message SAI Tasks

Hello Gene,

I see you still have the bad habits of the ISI user. I'll send this to you via the Sendmail of Office-1, so you can see the difference.

As you say in your msg., "Assuming there is a clear line of responsibility for each SAI task..." It makes no difference to me which individual signs off on a specific task. From my point of view they are jobs that I am trying to help ARPA do in the best and most expeditious way.

From the point of view of managing the contract at this end, as long as ARPA wants it that way Dr. Fields and Col. Russell are identical.

I did receive more tasks from Col. Russell. They were of the under \$20K variety and require no action from me with respect to SAI. Please remember that the higher priced tasks should go through me; first over the net and later by normal mail channels.

Dr. Frasier of SAI visited RADC recently, saw John Corbin, our buyer, and dropped off some reports. Unfortunately neither of them thought that it might serve some useful purpose to give me a call, so Dr. Frasier and I have yet to meet.

I have gone over the reports and find them packed with information that RADC, at this time has no use for since we have more or less dropped our memory efforts with the completion of the work on the plated-wire memory. Our 10E8 or 9 seems quite modest compared to your 10E15 goal.

I have no comments of a technical or administrative nature at this time, but if I come up with something that might be useful to ARPA I will get it to you fast.

Ed

1

1a

1b

1c

1d

1e

1f

1g

1g1

EJK 27-MAR-75 10:09 32199

Reply to your 26 Mar 75 Message SAI Tasks

(J32199) 27-MAR-75 10:09;;; Title: Author(s): Edmund J.  
Kennedy/EJK; Distribution: /ENS( [ ACTION ] ) DCR2( [ INFO-ONLY ] ) CF(  
[ INFO-ONLY ] ) ; Sub-Collections: RADC; Clerk: EJK;

Copy of ARPA Message and my Reply

26-MAR-75 1358-PDT STUBBS at USC-ISI: SAI TASKS Distribution:  
KENNEDY AT OFFICE-1, stubbs, fields, radc-dor Received at:  
26-MAR-75 14:00:25

HI ED- HAVEN'T TALKED FOR A WHILE, HOPE ALL IS RIGHT WITH YOU,

ASSUMING THAT THERE IS A CLEAR LINE OF RESPONSIBILITY FOR EACH SAI TASK, DOES IT REALLY MAKE ANY DIFFERENCE TO YOU THAT YOU GET THEM SIGNED OFF ON HERE BY RUSSELL OR ANY OTHER PROGRAM MANAGER? QUESTION ARISES BECAUSE DR. FIELDS WAS CONSIDERING ANOTHER SUPPORT TYPE CONTRACTOR AND COLL RUSSELL CUGGESTED THAT HE "RIDE" THE SAI CONTRACT, SCOPES ARE THE SAME ETC SO NO PROBLEM THERE, BELIEVE THIS TO BE THE SIMPLEST WAY TO HANDLE IF IT DOESN'T GIVE YOU HEARTBURN. DR. FIELDS WILL FUNCTION JUST LIKE COL. RUSSELL IN THIS PLAN AND THERE WILL BE CLEAR LINES OF RESPONSIBILITY AS FAR AS YOU ARE CONCERNED, SINCE IT ALL WILL BE INVISIBLE TO DELORENZO AND CO, CAN'T SEE ANY PROBLEM THERE AT ALL,

APPRECIATE A CALL BACK ON THIS AS SOON AS YOU CAN SINCE WE NEED TO MOVE OUT ON ANNOTHER TACK IF THIS ONE WONT FLY WITH YOU, THANKS

Hello Gene,

I see you still have the bad habits of the ISI user, I'll send this to you via the sendmail of Office-1, so you can see the difference,

As you say in your msg., "Assuming there is a clear line of responsibility for each SAI task..." It makes no difference to me which individual signs off on a specific task. From my point of view they are jobs that I am trying to help ARPA do in the best and most expeditious way,

From the point of view of managing the contract at this end, as long as ARPA wants it that way Dr. Fields and Col. Russell are identical,

I did receive more tasks from Col. Russell. They were of the under \$20K variety and require no action from me with respect to SAI. please remember that the higher priced tasks should go through me; first over the net and later by normal mail channels,

Dr. Frasier of SAI visited RADC recently, saw John Corbin, our buyer, and dropped off some reports. Unfortunately neither of them thought that it might serve some useful purpose to give me a call, so Dr. Frasier and I have yet to meet,

I have gone over the reports and find them packed with information

COPY of ARPA Message and my Reply

that RADC, at this time has no use for since we have more or less dropped our memory efforts with the completion of the work on the plated-wire memory. Our  $10^8$  or  $9$  seems quite modest compared to your  $10^{15}$  goal.

2f

I have no comments of a technical or administrative nature at this time, but if I come up with something that might be useful to ARPA I will get it to you fast.

2g

Ed

2g1

EJK 27-MAR-75 10:13 32200

Copy of ARPA Message and my reply

(J32200) 27-MAR-75 10:13;;; Title: Author(s): Edmund J.  
Kennedy/EJK; Distribution: /RDK( [ INFO-ONLY ] ) JLM( [ INFO-ONLY ] )  
FJT( [ INFO-ONLY ] ) ELF( [ INFO-ONLY ] ) ; Sub-Collections: RADC;  
Clerk: EJK;

User Productivity Group Report for 26 Mar

Categorized interview data to 26 March.



User Productivity Group Report for 26 Mar

Data Repository	1
User comments/responses to the interview are inserted one level below the general categories -- the same categories/outline that were used as a prompt in the interview. A separate record is retained for each respondent. Items collected after 26 March will be marked with the date.	1a
Plans and expectations for changes that affect productivity	2
Overall productivity	2a
System/Net downtime advance information = no effect	2a1
Even when load reasonable, 30% lower productivity	2a2
Optimizing Online Performance	3
Optimizing Performance when using TNLS	3a
Use half duplex for typing entry (NEEDS patch however)	3a1
Uses scope TNLS	3a2
TNLS good for structure editing	3a3
Prefer TNLS except for statement editing	3a4
Optimizing Performance when using DNLs	3b
Changing command recognition doesn't make much difference	3b1
Uses viewspec "v" (limited)	3b2
Use frozen statements less (too much recreate)	3b3
Leave when load is too high	3b4
Carefully type ahead a few commands	3b5
Useroption variations affecting performance	3c
use viewspec xa in useroptions -- shows only one line for initial entry to DnlS	3c1
Typing ability	3d
TNLS vs DNLs	4

User Productivity Group Report for 26 Mar

Tasks that are better suited for TNLS	4a
Text entry	4a1
TNLS more reliable when using SIDS (eg for restructuring) because of difficulty of bugging,	4a2
Tasks that are better suited for DNLS	4b
Statement editing	4b1
Printing	5
ARC printer use instructions clarity and printer usefulness	5a
AI printer more accessible	5a1
ARC printer cumbersome to use	5a2
More hrs spent finding out how to use ARC	5a3
Output Quickprint much better, 3 times a day delivery; ARC printer almost unusable == not automatic	5a4
Printer Uses == enhance effectiveness?	5b
Superwatch, unusually heavy.	5b1
Various stages of document review = necessary	5b2
Various stages of code review and study (necessary)	5b3
What about print file cueing (for late night printing)	5c
(3) undesirable; tend to forget (1);	5c1
Policy for Resource Allocation	6
DNLS terminal availability	6a
(2) not enough , primarily due to additional hires	6a1
TI availability	6b
Fine to bring in terminals from home (perhaps only when not in use)	6b1
Need more TIs	6b2

## User Productivity Group Report for 26 Mar

No terminals at home	6b3
Would use if available (for use in office)	6b4
ELF vs NET vs AI performance	6c
Time of day usage -- scheduling	6d
No regulation dsirable (3)	6d1
No off hrs stuff presently	6d2
No priority for Dev or Applications or individuals acceptable,	6d3
uses in early morning and late at nite, but dislikes	6d4
Personal Resource/Activity Scheduling	7
What are the load patterns at BBNB and Office-1?	7a
Load much lower at BBN	7a1
Load very high at O-1 up to 2pm	7a2
Slowness at BBN due to the NET	7a3
Always slow	7a3a
% CPU seems "paced", little at a time	7a4
When load is high at BBN, it appeas unusable, but may be NET	7a5
Load not a Problem at BBN (3)	7a6
Rearrangment of work patterns/activities for better performance	7b
Read mail, etc, early in morning ( 8 - 10) (2)	7b1
Drafts reports offline now	7b2
Online vs offline percentages	7c
50 -60 % online, rest dealing with printouts	7c1
Document Preparation	8
The initial composition; DEX Usefullness	8a
Compose better on paper (need to see many sheets at one time)	8a1

## User Productivity Group Report for 26 Mar

Alternative = typewriter IF available, for memos, single day turn around requirements, first drafts, etc.	8a2
Can be better done through alternatives to DNLS. TMLS usage is abvious, but what about other possibilities including other tools?	8a3
The Use of Non-NLS tools	9
Move msg vs RD and Readmail	9a
Uses Banana RD only	9a1
Uses Readmail and sndmsg only (most stuff not worth Journalizing)	9a2
Journal delivery slowness deterrent to usage	9a3
Time wasted receiving mail at 2 sites	9a4
Dictation as useful alternative	9b
Typewriters, use if available	9c
Clerical support use and availability	9d
Great need for clerical people to enter documents, type, etc. (3)	9d1
Not need but would use if available = aid.	9d2
Must be there and willing to do the work!	9d3
The Physical Working Environment	10
Noise interference	10a
Accoustic dividers and social pressure needed	10a1
terminal on wheels or otherwise movable into offices	10a2
Fine except for lighting (bulbs, location,etc.)	10a3
Group interaction needed and works fine	10a4
Noise reduces productivity to 25% == dividers needed,..6 ft type	10a5
Technical bugs and needs (send to FEEDBACK)	11

## User Productivity Group Report for 26 Mar

data	11a
Should be less than 1/2 sec from comand execute to refresh screen	11a1
EELF dropping characters	11a2
Bell ringing on text input from TI, sporadic	11a3
SNMSG getting "can't" instead of cued,	11a4
keyset synchronization very bad, missing characters and getting "no such marker" (2) (can't type ahead because of lack of confidence)	11a5
System usage not transparent due to roughness of interaction,(2)	11a6

User Productivity Group report for 26 Mar

(J32201) 27-MAR-75 11:41;;; Title: Author(s): James H. Bair/JHB;  
Distribution: /JCN( [ INFO-ONLY ] ) DCE( [ INFO-ONLY ] ) CHI( [ INFO-ONLY ] ) RWW( [ INFO-ONLY ] ) ; Sub-Collections: SRI-ARC; Clerk:  
JHB; Origin: < BAIR, FIRSTDATA.NLS;4, >, 27-MAR-75 10:41 JHB  
;;;###;

## Training for Demo Programs

Info in response to your questions on training, ie: 1

What kind of paperwork is required to establish training courses 1a

Who pays for setting up a course 1b

Who pays for the training materials used 1c

How is scheduling accomplished 1d

Where are the courses usually given...and, who would be a good contact point for us at ATC 1e

Requests for training must go to the ATC, 2

Requests are originated on AF Form 403 3

The request must specify the training required, the type of people to be included in the training (contractors and other AF organizations can be included) 3a

Normal chain for the AF Form 403, and the approvals are: 3b

Division Chief (Ours) 3b1

416 CSG Training Office Chief (Don Smith) 3b2

Training Office - AFSC 3b3

ATC 3b4

Note that except for the Division Chief of the originating organization the 403 always moves through the training side of the house 3c

The 416 CSG Training people function as our agents in handling this request. They provide assistance in filling out the form and advice on what to do. 3d

When the request reaches ATC they usually take from six to eight weeks to respond. They can take any of three positions: 4

Take the responsibility 4a

ATC normally does not have in-house personnel to do training in data processing except at the most elementary level. Therefore they contract and pay for the training. 4a1

## Training for Demo Programs

From the time they approve to the time of contract and start of training the range is from three weeks to one year, 4a2

In this case they would probably contract with IBM for the whole training program. This includes the training, the facilities, the training materials and what have you. ATC also assumes total responsibility for travel and per diem expenses, 4a3

When ATC contracts for a training job the training is normally done at their plant or at the location of the requester ie, RADC, 4a4

The training is scheduled at the convenience of the organization requesting the training, consistent with the availability of contractor personnel to do the training, 4a5

State that they are unable, because of funding, to take the responsibility but that they approve training by the local Agency (RADC) 4b

When ATC cannot do the training and they authorize local training it is done under contract, handled by the 416 CSG Training Office acting as the Agency for RADC, 4b1

The money for the training, in this case, must come from the requesting agency, RADC. The money must come from or at least be approved by the Educational Advisory Committee headed by Sam Zaccari, 4b2

Disapprove (Rarely or never happens??) 4c

If the request is disapproved, the only reasonable option would be to have IBM do some training as part of their existing contract. There are probably several dozen regs, that say you can't do this in the name of training per se, 4c1

Comments: 5

Although this is an ATC responsibility - the local training people say they have not been too lucky lately, 5a

Money for this fiscal year is gone. However, next year may be good. (Get in early with your request) 5b

Contact: Harold E. Russell x4411 Bldg. 14. 6



EJK 27-MAR-75 11:49 32202

Training for Demo Programs

(J32202) 27-MAR-75 11:49;;; Title: Author(s): Edmund J.  
Kennedy/EJK; Distribution: /DFB( [ ACTION ] ) JLM( [ INFO-ONLY ] ) ELF(  
[ INFO-ONLY ] ) ; Sub-Collections: RADC; Clerk: EJK;

'76 Proposal and Possible Visit to RADC

If you could give me your initial reactions before 10:00 2 APR (when I'll be leaving on the trip) it would be appreciated,..also to JLM--John McNamara.

\*76 Proposal and Possible Visit to RADC

Dick,

Continuing in the vein of (,32000,), I'd like to get your reactions to the following topics:

Proposal for FY-76

I have taken the liberty to print out your proposal at BBNB. The origin statement indicated the JOAN was the last person to write in it on 26 Mar.

A few comments... I did not see anything about studying and implementing NLS backends on other machines. MY management is interested in this kind of effort, for two reasons:

to have NLS available on our MULTICS machine

to have a report which documents the experience in moving it over, i.e. successes and problems encountered using cross compiling, remote debugging, etc.

I was happy to see the Appendix A, discussion of debugging approaches, and think you should propose some work in that area. Bill has talked about an interactive COBOL compiler, but I feel that some of the basic work described in App. A should be undertaken prior to any purchase of an "interactive compiler".

In our talks with ARPA (Bill) 26-27 Feb, there was a definite indication that he could not sell "NLS development efforts" to ARPA management. We at RADC would like to see further development of NLS in a number of areas. Therefore joint funding of the total effort works out to both parties' advantage. There is concern here however, that since we are paying half the bill, that we should somehow have more "influence" over the things that are or are not done. Some of the items below you have included in the NSW proposal, some you have not. I feel that any of them could be included within the NSW effort, even though several smack of MST. I need some kind of feeling from you about how inclusion of these items would effect the overall NSW effort, realizing that you have a limited talent pool from which to draw. With this in mind, I offer the following list of things, roughly in my order of priority. (taken from another file, so they may be worded a little "funny")

Movement of SubSystems to Office=1

It has just dawned on local management that some of the

1

1a

1b

1b1

1b2

1b2a

1b2b

1b3

1b4

1b4a

## \*76 Proposal and Possible Visit to RADC

goodies in NLS under the NSW development effort will not be available to users of Office-1. On the assumption that NSW will not go into a production mode for a couple of years, we would be willing to pay for the transferal of subsystems like graphics to Office-1, if it is not too costly and you can find the manpower to do it. I feel that this type of activity (as well as most of those things listed below) should be funded by the KWAC, but if we have the money...

1b4a1

## Graphics Subsystem

1b4b

The ability to deal with intermixed line drawings and text has long been recognized as essential to NLS if it is to adequately support document production. This subsystem is currently being developed under the NSW project. It will need further refinement and transfer to the general NLS users' environment.

1b4b1

## Forms Subsystem

1b4c

Within the DOD environment, NLs will always have to interface with the "official" outside world. This interface is particularly cumbersome now, where form oriented data is concerned. A complete design of a forms system has been worked out through several iterations between SRI and RADC. It allows interactive preparation of the form template, prompts and error checks the user when filling out the form, and formats the data for output in the appropriate box on the official form. The data is retained in the system in such a manner that it is easily stripped off for input to a Management Information System. The system is ready for implementation.

1b4c1

## Calendar Subsystem

1b4d

Our experience with the "tickler" file and other means of notifying people of meetings, due dates, etc. led to the design of a calendar system. Another independent design was created by SRI at about the same time. These need to be merged and coordinated with the architects' community. The system would allow anyone to insert data about an upcoming event, specified who should be notified, how far in advance and how often. One could also query the system to find anyone's schedule for any time period.

1b4d1

## Sendmail Improvements

1b4e

## \*76 Proposal and Possible Visit to RADC

The Sendmail Subsystem needs to be worked on to improve its reliability, to allow multi-site capability and to add features such as sequential distribution.

1b4e1

## Calculator Improvements

1b4f

The Calculator subsystem should allow adding of columns and rows with a single command. It should be made programmable or an interface to BASIC constructed. It should be possible to have tables of data automatically plotted. The later capability may involve an addition to the Graphics Subsystem or an interface to it.

1b4f1

## Output processor improvements

1b4g

The output processor needs to be able to deal more gracefully with tabular data. One should be able to view the results of the output processor on a "graphics" CRT, change the directives and immediately get a new view of their effects...on a page-by-page basis. Some thought should also be given to including the ability to handle mathematical equations.

1b4g1

## Interface to DM system

1b4h

NLS file structure is not well suited to searching for combinations of keys in a typical formatted data base. Most organizations, however, have a number of Management Information Systems used to track and control their resources. NLS provides an ideal "front end" for such a MIS, where data preparation and query formulation can take place. The NSW environment should make it possible to construct an interface between NLS and a Data Management system in a straightforward manner. AFAA would like us to interface NLS to the Mead Data system at Avionics Lab. The Data Computer at CCA is another candidate. Local data management systems are also candidates if GECOS is integrated into the NSW environment.

1b4h1

## Visit to RADC

1c

I sense a growing feeling here, that you should visit RADC (2 days?). With a relatively large budget committed next year to NSW related efforts, and our growing use of Office-1, I'm sure that management would appreciate a little hand holding and reassurance. I have been reluctant to bother you, since I know how busy you are trying to meet the JUL dead-line. I feel

## \*76 Proposal and Possible Visit to RADC

however, that you should visit here, in APR if possible, for several reasons:

1c1

to give RADC management (especially our Div chief, Col Krutz, since he has been a real help in the NLS & NSW areas) an overview of the NSW, its philosophy, components and future from your perspective,

1c1a

to expose our Division troops to the NSW, which is going to have a significant impact on the programs and plans in the other sections,

1c1b

to give a demonstration of remote debugging, and discuss how this might be implemented within other machines and languages,

1c1c

to discuss the NLS portion of your proposal with myself and other local NLS freaks,

1c1d

## Calendar of events for APR

1d

For planning purposes, here is a rough idea of what's happening here during APR.

1d1

1-4, I will be at Vandenberg AFB in southern Calif.

1d1a

8-10, a steering committee meeting in Boston, Mike and I will attend.

1d1b

15-16, visit by Dr. Licklider and probably Bill Carlson to RADC, to discuss NSW and other possible joint efforts.

1d1c

Late APR, Briefing to Gen Robbins, where I suppose all will be in attendance.

1d1d

My first choice for a visit here would be during, or following Dr. Licklider's visit. We will have a clearer long range picture after the Boston meeting. In any event, I think it should be prior to the briefing to Gen Robbins, since Col Krutz will be attending, and should be well informed.

1d2

\*76 Proposal and Possible Visit to RADC

(J32203) 28-MAR-75 09:24;;; Title: Author(s): Duane L. Stone/DLS;  
Distribution: /RWW( [ ACTION ] ) JLM( [ INFO-ONLY ] ) ; Sub-Collections:  
RADC; Clerk: DLS;

To Dirk re His GM Candidate

Dirk; Thanks for suggesting Mike Plesset (25626,). I think that he would be an excellent candidate, and I will tell Barry as much.  
Regards, Doug.



To Dirk re His GM Candidate

(J32204) 28-MAR-75 09:39;;; Title: Author(s): Douglas C.  
Engelbart/DCE; Distribution: /DVN( [ INFO-ONLY ] ) JML( [ INFO-ONLY ] )  
; Sub-Collections: SRI-ARC; Clerk: DCE; Origin: < ENGELBART,  
TODIRK,NLS;1, >, 28-MAR-75 09:35 DCE ;;;;####;

show bill

this is a file to play games with, the data contained herein exists solely for teaching and demo purposes.

1

this is just another paragraph, it will be nice to use for adding text, deleting words, changing data content etc.

2

lets have another para.

3

fmore.inish it up right here, tra la la la.

4

this paragraph added the day following the day this file was created, i will now do an update of this modification.

5

show bill

(J32205) 28-MAR-75 12:18;;; Title: Author(s): Patrick W.  
Foley/PWF2; Distribution: /HMH( [ ACTION ] ); Sub-Collections: NIC;  
Clerk: PWF2; Origin: < DSDC-SC, TEACHUHLIR,NLS;5, >, 26-MAR-75  
10:12 PWF2 ;;;;###;

billlllll

lets have another para.

billllllll

(J32206) 28-MAR-75 12:26;;; Title: Author(s): Patrick W.  
Foley/PWF2; Distribution: /HMH( [ ACTION ] ); Sub-Collections: NIC;  
Clerk: PWF2;