

UNIVERSITY OF MINNESOTA COMPUTER CENTER
Deadstart Systems Newsletter

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TABLE OF CONTENTS

NOTICE OF CHANGES TO THE SYSTEM	102
PROPOSED CHANGES TO THE SYSTEM	103
SUBSYSTEM RUN PROPOSALS - W. T. Sackett	103
SYSTEM MAINTENANCE	103
LAST WEEKS SYSTEMS GROUP MEETING - T. W. Lanzatella	103
CALLPRG AND LIBRARY TAPE NEWS - M. Riviere	103

NOTICE OF CHANGES TO THE SYSTEM

Kevin Matthews changed LMT and RESEX to ignore family name when verifying tape ownership. Ordinarily tapes belong to a specific user number under a specific family. The family under which a tape is blank labeled is part of the NOS standard label. Because we are soon changing to a two family system, some users could be inadvertently disallowed access to their own tapes.

Andy Hastings installed the following changes.

- 1) TRANSIT processing of dayfiles was changed to ensure that dayfiles are always returned to the correct family.
- 2) When Andy installed his enhancements to secure parameter processing in CHARGE, he mistakenly removed an option used by NAM applications which allows system origin jobs to declare a job class. In preparation for the installation of NAM, Andy reinstated the option.

Don Mears converted 87 modsets which install all of our local time-sharing changes from TELEX and LTDT to IAFEX and LTD. This change is also in preparation for the installation of NAM. Additionally, Don resurrected an old change to UPMOD which allows the utility to deal with 8-character mod and deck names.

Brad Blasing repaired a very complicated problem in PFU which twice caused a hang while dumping permanent files. The problem occurs when PFU is trying to dump the fast attach file RESEXDF and simultaneously reaches end-of-tape. Since end-of-reel processing requires that RESEXDF be accessed and since RESEXDF is interlocked at the time of end-of-reel processing, a deadlock occurs.

PROPOSED CHANGES TO THE SYSTEM

Subsystem Run Proposals - by W. T. Sackett

- 1) In most subsystems, if you use the B parameter on the RUN command your source will be compiled but not executed. I propose that the M77TS and COBOLTS subsystems do the same.
- 2) In the M77TS subsystem RUN,U will disable a call to PMD (Post Mortem Dump) on execution aborts and RUN,T=0 turns off tracing (which is T=ERRORS by default). The Pascal compiler has options similar to these. I propose that the control card that is issued by RUN,U include a P- to omit code for post-mortem dump and by RUN,T=0 include a T- parameter to omit code for run time tests when you are in the Pascal subsystem.

While the parameters passed are not the same as those placed on the RUN command (RNH,U causes P- while to Pascal a U on the control card means something quite different) they are consistent with the FORTRAN subsystems and will generalize nicely to the COBOLTS subsystem if it is ever decided to make TDF (Termination Dump Facility, a PMD-like program) default. RUN,U could turn off TDF and RUN,T=0 could set DB=0 on the control card generated.

SYSTEM MAINTENANCE: People and Procedures

Steve Collins' proposal for XEROX 9700 support was enthusiastically accepted (see DSN 7,15 p. 98).

The remainder of the meeting was spent taking stock of the progress of the current systems group projects. These are:

- | | |
|----------------------|----------------------------|
| 1) CRAY | 7) M77 |
| 2) VAX/VMS | 8) TERA RJE |
| 3) 8090 replacement | 9) TELENET and X.25 |
| 4) NAM/CCP (TIELINE) | 10) Tymplexor emulation |
| 5) R5 upgrade | 11) Cyber C |
| 6) PASCAL | 12) VAX/UNIX at Lauderdale |

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Callprg and Library Tape News - by M. Riviere

On September 1, Andy Mickel will be making extensive Callprg index changes. These changes consist of:

- 1) The removal of the fetch type packages PFCOST and COPYM since other utilities such as CATLSYS and COPY (NC parameter) are available with the same functions. This change will be taking place on the three Cybers.
- 2) Transferring all the Fortran related packages from the J. Mundstock section of the index to Tony Gerber. Additionally, Andy will be

removing the past version of TSF, the fetch version of M77 and COBOLX. Andy will replace the COBOLX entry with a message to let users know that they should be using COBOLTS. These changes, with the exception of the removal of the COBOLX entry which applies only to the Meritss System, will be taking place on the three Cybers.

- 3) Deleting the old character set versions of LISP, SNOBOL and SNOBOLC and insert a new entry for SNOBOL4. SNOBOL4 is the same interpreter that is now retrieved as SNOBOL. These changes, with the exception of the addition of SNOBOL4 which will be made only on the Cyber 74 and 730, will take place in the three Cybers.
- 4) Transferring the micro processor package section of the index from P. Zechmeister to M. Collins.
- 5) Transferring the simulation packages section of the index from S. Lai to S. Steffen.
- 6) Adding a new version of Simscript, SIMII5. This addition will be made on the Meritts system only.
- 7) The Past version of BASIC will be removed.
- 8) The Future version of GPSS will replace the current version and the current version will replace the Past version.

Also on September 1, S. Yen will add a new set of BMD packages on the Cybers 74 and 730. These packages are a CDC version of BMD and will be available as future products.

The next set of Callprg index and Library tape modifications will be taking place on September 15. The deadline to request modifications is September 3 by noon.