UNIVERSITY
ART MUSEUM
BERKELEY

OPENS
MAY 15

Moore Business Forms, Inc. sv

3434 03 PROGRAMMERS↑ AREA

1x2x3x4x5x6x7x8x9x10x11x12x13x

7/30/69 SYSMES SUMMARY

A SUMMARY AND CONDENSATION OF THE SYSTEM MESSAGES EXTENDING FROM FEB. 1968 TO JUNE 15, [illegible] NOW AVAILABLE IN THE CONSULTANTS OFFICE, 219 CAMPBELL, 10-12 A.M. AND 1-5 P.M. MON.-FRI. IT IS ENTITLED ≠OLDMES≠ AND WILL BE UPDATED PERIODICALLY WHENEVER SYSMES HAS ACCUMULATED A SUFFICIENT NUMBER OF MESSAGES. SYSMES WILL CONTAIN ONLY THOSE MESSAGES FROM THE OLDMES DATE ON.

4/21/70 TAPE DUMP / SCAN FACILITIES

A 6400 OCTAL TAPE DUMP AND SCAN PROGRAM IS NOW AVAILABLE ON SYSTEM COMMON FILE TAPEDMP. SEE SYSMES FOR DETAILS.

4/26/70 TAPEDMP USERS

SINCE THE PHYSICAL RECORD LENGTH IS CHECKED ON INTERNAL (U) TAPES, THE PRU SIZE PARAMETER MUST BE SPECIFIED AS S=1280 TO DUMP EVEN PARITY (CODED) INTERNAL TAPES. IF THE ENTIRE INTERNAL TAPE IS TO BE DUMPED, IT MAY BE REQUESTED AS AN EXTERNAL (X) TAPE AND DUMPED OR SCANNED AS A TAPE WITH ONE FILE.

5/02/70 BUFFER FLUSHING / NEW JOBLOG MESSAGES

SOME SYSTEM CHANGES WILL BE MADE ON MONDAY 5/11/70 AS FOLLOWS:

1) ALL OUTPUT BUFFERS, EXCEPT AS NOTED BELOW, WILL BE FLUSHED (EMPTIED) BY THE SCOPE SYSTEM AT THE END OF EACH JOB STEP WHETHER OR NOT THERE WAS A FATAL ERROR. THE FLUSHING PROCESS WILL CAUSE AN END-OF-FILE TO BE WRITTEN ON EACH FILESET FLUSHED. IT WILL BE BACKSPACED OVER AFTER FLUSHING COMPLETES. FILE TRAILER LABELS WILL BE WRITTEN ON TAPE FILESETS. THE FOLLOWING TYPES OF FILESETS WILL NOT BE FLUSHED: COMMON FILESETS, FILESETS NOT OPEN FOR WRITE OR APPEND, TAPE FILESETS AT END OF REEL, AND FILESETS WITH OUTSTANDING ERRORS.

2) THREE NEW JOBLOG MESSAGES HAVE BEEN ADDED IN CONNECTION WITH BUFFER FLUSHING:

W:UNABLE TO FLUSH BUFFER FOR FILESET *******
THE FILESET CANNOT BE FOUND OR THE BUFFER POINTERS ARE INCORRECT.

W:BUFFER FLUSHING STOPPED PREMATURELY FOR FILESET *******
AN ERROR OCCURRED DURING THE FLUSHING OF A FILESET AND THE FLUSHING OPERATION WAS TERMINATED AT THAT POINT.

W:BUFFER FLUSHING STOPPED BY OPERATOR TERMINATION
THE OPERATOR TERMINATED JOBSTEP WHILE BUFFERS WERE BEING FLUSHED.

3. SEVERAL OF THE SYSTEM JOBLOG ERROR MESSAGES HAVE BEEN REPLACED BY ONE OR MORE MESSAGES FOR CLARITY.

OLD MESSAGE	NEW MESSAGE
TIME LIMIT.	CENTRAL PROCESSOR TIME LIMIT EXCEEDED AT ADDRESS ******
	CENTRAL PROCESSOR HALTED BY PROGRAM STOP.
OPERATOR DROP.	JOBSTEP TERMINATED BY OPERATOR AT ADDRESS ******
PP CALL ERROR.	INVALID CALL TO SCOPE 3.1 MONITOR AT ADDRESS ******
	ERRONEOUS STORE INTO CELL ONE
	PP PROGRAM *** CANNOT BE CALLED BY A CENTRAL PROGRAM
ARITH ERROR. MODE * ADDRESS ******	ARITHMETIC ERROR MODE * AT ADDRESS ******
	INFINITE OPERAND USED
	UNINITIALIZED OR INDEFINITE OPERAND USED
	REFERENCE TO UNINITIALIZED CELL ******
	FETCH FROM CELL ****** WHICH IS OUTSIDE THE FIELD LENGTH
	STORE INTO CELL ****** WHICH IS OUTSIDE THE FIELD LENGTH
	POSSIBLY AN ARRAY SUBSCRIPT IS OUTSIDE THE ARRAY BOUNDS
	JUMP TO CELL ZERO
	JUMP TO UNSATISFIED EXTERNAL (MISSING SUBROUTINE)
	POSSIBLE UNDIMENSIONED ARRAY OR IMPLICIT MULTIPLICATION
	JUMP TO ADDRESS OUTSIDE THE FIELD LENGTH
	UNINITIALIZED STORAGE EXECUTED AT ADDRESS ******
	LIST OF ADDRESSES OF POSSIBLE JUMPS TO THE ABOVE ADDRESS
	ECS TRANSFER OUTSIDE CM OR ECS FIELD LENGTH
	INVALID MACHINE INSTRUCTION EXECUTED

4) THE DMP HEADER HAS BEEN ALTERED SO THAT SYSTEM DUMPS WILL CONTAIN THE REASON DMP WAS CALLED. CALL DICK PETERSEN AT X2-1491 IF YOU NEED THE FORMAT OF THE NEW HEADER.

5/02/70 TAPE FIXED BLOCKED READ DRIVERS

THE NEW TAPE READ DRIVERS ARE NOW BACK IN THE SYSTEM (WITHOUT THE BUG WHICH CAUSED THEIR REMOVAL ON 4/28/70). FOR DETAILS IN USING THE FIXED BLOCKED TAPE READ FEATURE AND CHANGES IN SETPRU, SEE SYSMES 4/21/70.

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