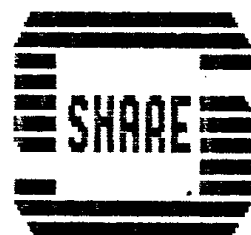


SHARE PROGRAM LIBRARY AGENCY



PROGRAM NUMBER

051028

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SHARE PROGRAM LIBRARY SUBMITTAL FORM

SHARE PROGRAM LIBRARY AGENCY
Triangle Universities Computation Center
Post Office Box 12079
Research Triangle Park, North Carolina USA 27709



SPLA CONTROL NUMBER: SHR00260

This form should be completed and submitted with the program package to the SHARE Program Library Agency at the address shown above. Standards and instructions for submitting programs are in the SHARE Reference Manual, Section 6.

- (1) Program Number (to be filled by SPLA) 370D-05.1.028
- (2) Title of Program PINY HASP MODS for HASP V3.1
- (3) System Type(s) (Machine) IBM 4341/MVT 21.8F
- (4) Search Key(s) HASP, Communication W/-VM/CMS;
display Disk/tape - (\$dd)
additional 'forms' work
- (5) Programming Systems/Languages Assembler (BAL)
- (6) Primary Subject Code 05.1
- (7) Minimum System Requirements MVT (without overlays, about 250k)
- (8) New (N) or Revision (R) (if revision, show prior Program Number in Item 1) N
- (9) Date of Submittal 9/7/82
- (10) Documentation (number of original pages submitted) (on tape)
- (11) Author's Name and Address Polytechnic Institute of New York
Computer Center
333 Jay Street
Brooklyn, N.Y. 11201
- (12) Direct Technical Inquiries to Name & Address (if different than Author) Matthew J. Miner
PINY Computer Center
333 Jay Street, Brooklyn, N.Y. 11201
(212) 643-8657
- (13) Submitter's Installation Membership Code PIB
- (14) Abstract (should contain sufficient information for a reader to determine the value of the program). Listed on the reverse side of this form, are subjects which may serve as a guide for a descriptive abstract.

DISCLAIMER

Triangle Universities Computation Center (TUCC) serves solely as the distribution agent for contributed programs and does not test or maintain them. They are distributed essentially in the original form submitted by the author. Neither TUCC nor SHARE, INC., makes any warranty, expressed or implied, as to the documentation, function, or performance of the contributed programs.

SHARE PROGRAM LIBRARY SUBMITTAL FORM

Subject Guide:

- Purpose
- Programming Language used
- Version and modification level or release number
- Field of application
- Type of routine (main program, subroutine, etc.)
- Specific description of machine requirements

| | |
|---|--|
| HASP MODS for V3.1 of HASP Running under MVT 21.8 on IBM 4341. | |
| Additional Commands: | |
| \$dd | - display disk and tapes and VOL-SERS if present |
| | - a means of keeping track of number of jobs requiring |
| | disk/tape mounts and preventing more mounts than drives |
| | - job restart logic |
| | - logging of priority changes (accounting) |
| | - accounting for batch jobs |
| | - /*PRINT, /*PUNCH, /*PRINTL - a fast way of printing or |
| | punching a job without starting a new job (but main- |
| | taining accounting) |
| | - check to see if under VM (has to be taken out if |
| | machine has no 'STPID' instructions) |
| | - ability to automatically accept and return jobs from |
| | CMS users |
| | - Mods for dealing with UNIX running on an 11/70 as an |
| | RJE unit |
| (Please attach additional pages if necessary) Total pages attached <u>1</u> | |

An "Acknowledgement of Assistance" statement must be attached to this Submittal Form.

Permission to Publish

"I hereby give the SHARE Program Library Agency permission to reprint, reproduce, and distribute this program"

(15) Signature of Submitter and Date Matthew J. Min 8/8/82

(15) Signature of Installation Addressee Matthew J. Min 8/8/82

- TN print chain support
- /*USR card (for use with UNIX)
- backspace routine for 1052 type console
- wild characters for hasp commands \$V'---

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TAPE KEY

CHARACTERISTICS OF TAPE
 UNIT SERIAL DEV VOL SER
 281 TAPEIN 160J HSPMDS

START FILE 1
 VOLUME HEADERS.
 BLKSIZE=80,LRECL=80,RECFM=FB
 END OF FILE 1 -- FILE CONTAINED 3 BLOCKS

START FILE 2
 DSN=HASP.HISTORY
 BLKSIZE=3200,LRECL=80,RECFM=FB
 FILE CONTAINS ABOUT 700 CARDS.
 END OF FILE 2 -- FILE CONTAINED 18 BLOCKS

START FILE 3
 FILE TRAILER LABELS.
 BLKSIZE=80,LRECL=80,RECFM=FB
 END OF FILE 3 -- FILE CONTAINED 2 BLOCKS

START FILE 4
 FILE HEADER LABELS.
 BLKSIZE=80,LRECL=80,RECFM=FB
 END OF FILE 4 -- FILE CONTAINED 2 BLOCKS

START FILE 5
 DSN=HASP.MODS.FOR.V341
 ABOUT 3300 CARDS.
 BLKSIZE=3120,LRECL=80,RECFM=FB
 END OF FILE 5 -- FILE CONTAINED 89 BLOCKS

START FILE 6
 FILE TRAILER LABELS.
 BLKSIZE=80,LRECL=80,RECFM=FB
 END OF FILE 6 -- FILE CONTAINED 2 BLOCKS

START FILE 7
 FILE HEADER LABELS.
 BLKSIZE=80,LRECL=80,RECFM=FB
 END OF FILE 7 -- FILE CONTAINED 2 BLOCKS

START FILE 8
 DSN=HASP.PROCS
 ABOUT 117 CARDS.
 BLKSIZE=3120,LRECL=80,RECFM=FB
 END OF FILE 8 -- FILE CONTAINED 3 BLOCKS

START FILE 9

FILE: TAPE

KEY

A

IPDE RELEASE 2 SYSTEM (VM/370 PUT 8005) 06-28-80

FILE TRAILER LABELS.

BLKSIZE=80,LRECL=90,RECFM=FB

END OF FILE

9 -- FILE CONTAINED

2 BLOCKS

START FILE

10

TRAILING DOUBLE TAPE MARKS.

END OF FILE

10 -- FILE CONTAINED

0 BLOCKS

TERMINATED AT TAPEMARK SEQUENCE

FINAL TOTALS

FILES READ BLOCKS READ

10

123