

FORTH DISK I/O using SYMDOZ

Called by R/W from FORTH

Stack has (flg, blk, addr ...)

flg = 0 - write 1 - read

blk = block or screen no.

addr = beginning address of 1024 byte block

Use S3CMD+ at \$90C7 for write ; flg=0

Use L3CMD+ at \$9079 for read ; flg=1

DOS uses MON parameters P1, P2, P3 (16 bit)
PARNR (8 bit)

H P1 L		H P2 L		H P3 L		PARNR
A64F	A64E	A64D	A64C	A64B	A64A	A649

← Parameters fill this way

S3CMD+ expects 3 parameters passed to it in P1, P2, P3 and PARNR=3. P1 = unit number P2 = Start Address and P3 = End Address of file to be saved. Also filename must be in the first eleven bytes of FCB at \$7ED8.

SP.LDX for load and relocate expects 2 parameters passed to it in P2 and P3 with PARNR=2. P2 = drive no, and P3 = Start address. Filename must be in FCB.

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9  : R/W      ⚡ = IF SWAP /W ELSE SWAP /R THEN ;
    "move flg to top if flg=0 Save scr # X"
    (addr, blk, flg ... )

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7  : /W      GETDATAW MAKENAME S3CMD+ ;
    2byte 2byte
    (blk, addr ... )
    scr9 → 9 0, xxxx ...

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6  : MAKENAME 7ED8 B BLANKS 0 <#S #> 7ED8 SWAP CMOVE ;
    Fill FCB with $20 Convert SCR# to ASCII move to FCB
    (blk, ... )

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3  CODE S3CMD+ XSAVE STX, 90C7 JSR, XSAVE LDX, NEXT JMP, C ;
    Save X register go to Dos and save file restore X Return

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4  : GETDATAW 3 A649 C! DUP 3FF + A64A ! A64C ! 0 A64E ! ;
    3 parameters start Ad + 1K to FCB Drive 0
    (blk, addr ... blk)

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8 : R/ GETDATA/R MAKENAME L3CMDT ;
(bik, addr ...)

5 : GETDATA/R 2 A649 C! A64A ! 0 A64C ! ;
(bik, addr ... bik) 2 parms SA to P3 Drive to P2

2. CODE L3CMDT XSAVE STX, 9079 JSR,
XSAVE LDX, NEXT JMP, C;

1. CODE L7 XSAVE STX, 0# LDA, 9116 JSR, XSAVE LDX, NEXT JMP, C;

Enter above code

'R/W Z - . => 44E6

MON

31E8, 55, E6

31E8, 33, 44

31AC, 55, E6

31AD, 33, 44

V5F90 ^{FENCE} 02 44 ^{TOP} FC 44 84 40 00 00

D5F90 FC

Change Fence to top word

V201C 02 44 02 44 84 40 33 DA

change Cold setup defaults to match

D201C FC FC

V 2F21 E0 44

Screen 55

V200C 86 40

D200C E0 44

Put last word in default area.

Saved as FORTHDISK0 ← L7 had Absolute LDA 0
FLEXDISK L7 changed to # LDA 0

42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 5 SQUARE
42-389 200 SHEETS 5 SQUARE
MADE IN U.S.A.

