

Atari System Labels from OSS#

General Information

Author: Optimized System Software OSS

Assembler: EASMD

Published: on DOS XL Disk

includes also CP/A Lables

```
1000 .PAGE "OSS SYSTEM EQUATES FOR ATARI"
1010 ;
1020 ; FILE = #DN:SYSEQU.ASM
1030 ;
1040 ;
1050 ; I/O CONTROL BLOCK EQUATES
1060 ;
1065 SAVEPC = * ; SAVE CURRENT ORG
1067 ;
1070 *= $0340 ;START OF SYSTEM IOCBS
1075 IOCB
1080 ;
1090 ICHID *= *+1 ;DEVICE HANDLER IS (SET BY OS)
1100 ICDNO *= *+1 ;DEVICE NUMBER (SET BY OS)
1110 ICCOM *= *+1 ;I/O COMMAND
1120 ICSTA *= *+1 ;I/O STATUS
1130 ICBADR *= *+2 ;BUFFER ADDRESS
1140 ICPUT *= *+2 ;DH PUT ROUTINE (ADR-1)
1150 ICBLN *= *+2 ;BUFFER LENGTH
1160 ICAUX1 *= *+1 ;AUX 1
1170 ICAUX2 *= *+1 ;AUX 2
1180 ICAUX3 *= *+1 ;AUX 3
1190 ICAUX4 *= *+1 ;AUX 4
1200 ICAUX5 *= *+1 ;AUX 5
1210 ICAUX6 *= *+1 ;AUX 6
1220 ;
1230 IOCBLEN = *-IOCB ;LENGTH OF ONE IOCB
1240 ;
1250 ; IOCB COMMAND VALUE EQUATES
1260 ;
1270 COPN = 3 ;OPEN
1280 CGBINR = 7 ;GET BINARY RECORD
1290 CGTXTR = 5 ;GET TEXT RECORD
1300 CPBINR = 11 ;PUT BINARY RECORD
1310 CPTXTR = 9 ;PUT TEXT RECORD
1320 CCLOSE = 12 ;CLOSE
1330 CSTAT = 13 ;GET STATUS
1340 ;
1350 ; DEVICE DEPENDENT COMMAND EQUATES FOR FILE MANAGER
1360 ;
1370 CREN = 32 ;RENAME
1380 CERA = 33 ;ERASE
1390 CPRO = 35 ;PROTECT
1400 CUNP = 36 ;UNPROTECT
1410 CPOINT = 37 ;POINT
1420 CNOTE = 38 ;NOTE
1430 ;
1440 ; AUX1 VALUES REQD FOR OPEN
1450 ;
1460 OPIN = 4 ;OPEN INPUT
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1470 OPOUT = 8 ;OPEN OUTPUT
1480 OPUPD = 12 ;OPEN UPDATE
1490 OPAPND = 9 ;OPEN APPEND
1500 OPDIR = 6 ;OPEN DIRECTORY
1510 ;
1520 .PAGE
1530 ;
1540 ; EXECUTE FLAG DEFINES
1550 ;
1560 EXCYES = $80 ; EXECUTE IN PROGRESS
1570 EXCSCR = $40 ; ECHO EXECUTE INPUT TO SCREEN
1580 EXCNEW = $10 ; EXECUTE START UP MODE
1590 EXCSUP = $20 ; COLD START EXEC FLAG
1600 ;
1610 ; MISC ADDRESS EQUATES
1620 ;
1630 CPALOC = $0A ; POINTER TO CP/A
1640 WARMST = $08 ; WAR, START (0=COLD)
1650 MEMLO = $2E7 ; AVAIL MEM (LOW) PTR
1660 MEMTOP = $2E5 ; AVAIL MEM (HIGH) PTR
1670 APPMHI = $0E ; UPPER LIMIT OF APPLICATION MEMORY
1680 INITADR = $2E2 ; ATARI LOAD/INIT ADR
1690 GOADR = $2E0 ; ATARI LOAD/GO ADR
1700 CARTLOC = $BFFA ; CARTRIDGE RUN LOCATION
1710 CIO = $E456 ;CIO ENTRY ADR
1720 EOL = $9B ; END OF LINE CHAR
1730 ;
1740 ; CP/A FUNCTION AND VALUE DISPLACEMSNT
1750 ; (INDIRECT THROUGH CPALOC)
1760 ; IE. (CPALOC),Y
1770 ;
1780 CPGNFN = 3 ; GET NEXT FILE NAME
1790 CPDFDV = $07 ; DEFAULT DRIVE (3 BYTES)
1800 CPBUFP = $0A ; CMD BUFF NEXT CHAR POINTR (1 BYTE)
1810 CPEXFL = $0B ; EXECUTE FLAG
1820 CPEXFN = $0C ; EXECUTE FILE NAME (16 BYTES)
1830 CPEXNP = $1C ; EXECUTE NOTE/POINT VALUES
1840 CPFNAM = $21 ; FILENAME BUFFER
1850 RUNLOC = $3D ; CP/A LOAD/RUN ADR
1860 CPCMDB = $3F ; COMMAND BUFFER (60 BYTES)
1870 CPCMDGO = -6 ; CP SUBROUTINE VECTOR
1880 ;
1890 *= SAVEPC ; RESTORE PC
1900 ;
```