AppleSoft: Routine to Read a DOS Catalog

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Revised:        10/8/84
Security:       Everyone


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100   TEXT : NORMAL : HOME
102   INP$ = ""
104   VS = ( PEEK (106) * 256) +  PEEK (105)
106   POKE (VS + 2),240: POKE (VS + 3),14: POKE (VS + 4),150
108   FOR A = 768 TO 793: REM RWTS IOB; A$300, L$20
110   READ D: POKE A,D: NEXT
112   DATA 169,3,160,9,32,217,3,96,0,1,96,1,0,17,15,:
          251,183,0,150,0,0,1,0,254,96,1
114   BL$ = ""
116   FOR I = 1 TO 40
118   BL$ = BL$ +  CHR$ (160): NEXT I
120   DIM N$(105),S$(105),T$(105),L$(105)
122   IOB = 777:PL = 15
124   RB =  - 27136: REM READ BUFFER
126   CS = IOB + 1:CD = IOB + 2:TRK = IOB + 4:SEC = IOB + 5
128   F1 = RB + 11:F7 = RB + 221
130   S =  PEEK ( - 18455) / 16:D =  PEEK ( - 18454)
132   POKE CS,(S * 16): POKE CD,D
134   POKE TRK,17
136   F = 496:C = 0
138   FOR X = 15 TO 1 STEP  - 1
140   POKE SEC,X: CALL 768
142   ZZ =  - 34
144   FOR Y = F1 TO F7 STEP 35
146   ZZ = ZZ + 35
148   Z =  PEEK (Y + 33): IF (Z = 0) GOTO 178
150   C = C + 1
152   IF ( PEEK (Y) = 255) THEN N$(C) = "1": GOTO 176
154   F = F - Z
156   S$(C) =  STR$ (Z)
158   IF ( LEN (S$(C)) = 1) THEN S$(C) = "00" + S$(C)
160   IF ( LEN (S$(C)) = 2) THEN S$(C) = "0" + S$(C)
162   Z =  PEEK (Y + 2):L$(C) = " ":
      IF (Z > 16) THEN L$(C) = "*":Z = Z - 128
164   IF (Z = 0) THEN T$(C) = "T"
166   IF (Z = 1) THEN T$(C) = "I"
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168  IF (Z = 2) THEN T$(C) = "A"
170  IF (Z = 4) THEN T$(C) = "B"
172  IF (Z = 16) THEN T$(C) = "R"
174  N$(C) =  MID$ (INP$,ZZ,30)
176  NEXT Y: NEXT X
178  F$ =  STR$ (F): IF ( LEN (F$) = 1) THEN F$ = "00" + F$
180  IF ( LEN (F$) = 2) THEN F$ = "0" + F$
182  FOR I = 1 TO C
184  C$ =  STR$ (I)
186  IF ( LEN (C$) < 3) THEN C$ = " " + C$: GOTO 186
188  IF (N$(J * PL + I) = "1") THEN  PRINT C$;"         ";:
     INVERSE: PRINT "DELETED FILE";: NORMAL : PRINT
190  IF (N$(J * PL + I) <> "1") THEN
     PRINT C$;" ";L$(J * PL + I);T$(J * PL + I);" ";:
     S$(J * PL + I);" ";N$(J * PL + I)
192  NEXT
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Apple Technical Communications

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