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1 ****
2 *
3 *      FinderFileLoader - An AppleWorks Init
4 *          (for AppleWorks Version 5.1)
5 *
6 *      - Adds Up to 36 Files to AppleWorks Desktop
7 *          at one time when files are selected and
8 *          opened from within GS/OS Finder
9 *
10 *     - Init must be present in the AppleWorks
11 *         inits directory
12 *             (e.g. /HD/AppleWorks/AW.Inits)
13 *     - Init Manager must be activated in
14 *         AppleWorks 'Standard Settings' Menu
15 *
16 *     - Use an Icon Editor to point AWP/ASP/ADB
17 *         (and optionally TXT and *.S) files to
18 *             'APLWORKS.SYSTEM' to auto-run
19 *             AppleWorks AND load the files to the
20 *             Desktop when (1) or more of those
21 *             type files are selected and opened
22 *             from the GS/OS Finder
23 *
24 *     - The names of the files selected in the Finder
25 *         are retrieved from the GS/OS 'MessageCenter'
26 *         by a machine language routine loaded into
27 *             memory by a compiled UltraMacros Task File
28 *             that is in turn loaded into memory by
29 *                 this AppleWorks Init. The files are then
30 *                 automatically loaded to the AppleWorks
31 *                 Desktop
32 *
33 * based on the AppleWorks 3/UltraMacros 'FinderLaunch'
34 *     by John L. Tegelaar & Ton W. van Santen
35 *         The Netherlands (1991)
36 *
37 *             by Hugh Hood
38 *             Version 1.4 (2024)
39 *
40 ****
41
42     TR           ADR          ; truncate bank address
43
44     XC           ; enable 65C02 code
45
46 * Equates *
47
48 Seg00Type   EQU    $FE0        ; memory manager type
49                                     ; $41 = SEG.AM / $52 = SEG.RM (IIGS) /
50                                     ; $58 = SEG.XM / $4D = Deja IIx (Mac)
51 AWVersion    EQU    $1003       ; $33/51 = 5.1 / $28/40 = 4.0 /
52                                     ; $1E/30 = 3.0
53 TaskFileStart EQU    $11B1       ; $00 = load and use default macros;
54                                     ; $01 = use pre-loaded task file macros
55 InitAdr      EQU    $4000       ; load address for Init files
56 MainZP       EQU    $C008       ; Main Zero Page (AppleWorks)
57 AuxZP        EQU    $C009       ; Aux Zero Page (UltraMacros)
58 MoveToAux    EQU    $D076       ; Move from Main to Aux

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59          ; (Destination/Source/Length)
60 MTable    EQU      $EF00      ; Macro Table (in Aux Memory)
61 OSBoot   EQU      $E100BD    ; Booted Operating System Type
62
63          ORG      InitAdr    ; ($4000)
64          TYP      $06        ; create binary file
65
66 ****
67 *           Init Header    *
68 ****
69 START
70          JMP      IStart     ; skip over header
71
72 **
73
74          ASC      'mb'       ; Init ID Bytes (AW 5.1)
75          DB       $0E        ; Init Version - programmer assigned
76          ; e.g. - $0A/1.0 $0D/1.4 $1A/2.6
77          STR      'FinderFileLoader'
78          ; Init Screen Name (max 18 character)
79          HEX      0000      ; Header End Bytes
80
81 **
82
83
84 IStart
85          LDA      AWVersion  ; AppleWorks version #
86          CMP      #$33      ; Is it Version 5.1?
87          BNE      Done       ; disregard - wrong version
88
89          LDA      Seg00Type ; Memory Manager Type
90          CMP      #$52      ; Is it Apple IIGS? (SEG.RM)
91          BNE      Done       ; disregard - IIGS only
92
93          LDAL     OSBoot     ; Booted Operating System Type
94          CMP      #$01      ; Is it GS/OS - ProDOS 16?
95          BNE      Done       ; disregard - GS/OS Finder only
96
97          LDA      TaskFileStart ; Regular or Task File Startup?
98          BNE      Done       ; disregard - Task File Startup
99
100         JSR     MoveToAux  ; memory move from MAIN to AUX
101         DA      MTable    ; to ($01/EF00)
102         DA      CompiledTask+$200
103         ; Macro Table begins after $200-byte header
104         DA      $1000    ; length (4096 bytes)
105
106         LDA      #$01      ;
107         STA      TaskFileStart ; Don't load default macro table
108         ; on startup
109
110
111 Done      RTS      ; back to Init Manager
112
113 CompiledTask PUTBIN FINDERVERLOAD ;
114 ; - contains entire task file,
115 ;   including $200 bytes before and
116 ;   a variable amount (generally

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```
117 ;      $100-$300) bytes after for the
118 ;      Macro Titles Table
119 ; - only EF00-$FEFF macro table
120 ;      will be moved and no additional
121 ;      Desktop memory will be used
122
123 InitEnd    EQU      *
124
125         SAV      I.FINDERFILELDR
126         LST      OFF
127
128         END
129
```