SVC API

Supervisor calls API aimed to call host services from MVM.

Functions

Function	Description
0	Duplicate handle (params and result same as in INT 21H AH=45H)
1	Terminate MVM with error message (top of stack - far pointer to message ASCIIZ)
2	Terminate MVM and return code to parent process from AX
3	Close file handle (interface not investigated yet)
4	Reset disk buffers
5	Get current PSP (interface not investigated yet)
6	Select default drive (params and result same as in INT 21H AH=0EH)
7	Set DTA from DS:DX (params and result same as in INT 21H AH=1AH)
8	Get version (interface not investigated yet)
9	Write file handle (interface not investigated yet)
10	Set system date (params and result same as in INT 21H AH=2BH)
11	Set system time (params and result same as in INT 21H AH=2DH)
12	Get system date (result same as in INT 21H AH=2AH)
13	Get system time (result same as in INT 21H AH=2CH)
14	Read file handle (interface not investigated yet)
15	Set file handle position (interface not investigated yet)
16	Delete directory (params and result same as in INT 21H AH=3AH)
17	Create directory (interface not investigated yet)
18	Get current directory (params and result same as in INT 21H AH=47H)
19	Change directory (params and result same as in INT 21H AH=3BH)
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	Delete file using FCB DS:DX → unopened FCB ES → environment segment
30	Rename file using FCB (params and result same as in INT 21H AH=17H)
31	Delete file (interface not investigated yet)
32	Rename file (interface not investigated yet)
33	
34	
35	
36	

Function	Description
37	
38	
39	
40	
41	
42	
43	
44	Set VERIFY flag from AL
45	
46	
47	
48	
49	Parse filename to FCB (params and result same as in INT 21H AH=29H)
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	Absolute disk read (interface not investigated yet)
62	Absolute disk write (interface not investigated yet)
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	

Function	Description
82	
83	
84	
85	

Structures

- FCB
- XFCB
- FILETIME
- FILEDATE

From:
https://www.osfree.org/doku/ - **osFree wiki**

Permanent link:
https://www.osfree.org/doku/doku.php?id=en:docs:mvm:api&rev=1716109546

Last update: **2024/05/19 09:05**