SVC API

Supervisor calls API aimed to call host services from MVM.

Functions

Function	Name	INT 21h equivalent	Description
0	SVC_DUPHANDLE	AH=45h	Duplicate handle (params and result same as in INT 21H AH=45H)
1	SVC_ERROREXIT	—	Terminate MVM with error message (top of stack - far pointer to message ASCIIZ)
2	SVC_EXIT	AH=4Ch	Terminate MVM and return code to parent process from AX
3	SVC_CLOSE	AH=3Eh	Close file handle (interface not investigated yet)
4	SVC_RESETDISK	AH=0Dh	Reset disk buffers
5	SVC_GETPSP	AH=62h	Get current PSP (interface not investigated yet)
6	SVC_SELECTDRIVE	AH=0Eh	Select default drive (params and result same as in INT 21H AH=0EH)
7	SVC_SETDTA	AH=1Ah	Set DTA from DS:DX (params and result same as in INT 21H AH=1AH)
8	SVC_GETVERSION	AH=30h	Get version (interface not investigated yet)
9	SVC_WRITE	AH=40h	Write file handle (interface not investigated yet)
10	SVC_SETDATE	AH=2Bh	Set system date (params and result same as in INT 21H AH=2BH)
11	SVC_SETTIME	AH=2Dh	Set system time (params and result same as in INT 21H AH=2DH)
12	SVC_GETDATE	AH=2Ah	Get system date (result same as in INT 21H AH=2AH)
13	SVC_GETTIME	AH=2Ch	Get system time (result same as in INT 21H AH=2CH)
14	SVC_READ	AH=3Fh	Read file handle (interface not investigated yet)
15	SVC_CHGFILEPTR	AH=42h	Set file handle position (interface not investigated yet)
16	SVC_RMDIR	AH=3Ah	Delete directory (params and result same as in INT 21H AH=3AH)
17	SVC_MKDIR	AH=39h	Create directory (interface not investigated yet)
18	SVC_QCURDIR	AH=47h	Get current directory (params and result same as in INT 21H AH=47H)
19	SVC_CHDIR	AH=3Bh	Change directory (params and result same as in INT 21H AH=3BH)
20	SVC_GETSETFILETIME	AH=57h	Get/Set file time (interface not investigated yet)
21	SVC_COMMITFILE	AH=68h	Commit file (interface not investigated yet)
22	SVC_FINDFIRSTFCB	AH=11h	Find first file using FCB (interface not investigated yet)
23	SVC_FINDNEXTFCB	AH=12h	Find next file using FCB (interface not investigated yet)

Function	Name	INT 21h equivalent	Description
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25	SVC_FINDFIRST	AH=4Eh	Find first file (interface not investigated yet)
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28	SVC_OPEN	AH=3Dh	Open file (interface not investigated yet)
29	SVC_DELETEFCB	AH=13h	Delete file using FCB (DS:DX → unopened FCB, ES → environment segment)
30	SVC_RENAMEFCB	AH=17h	Rename file using FCB (params and result same as in INT 21H AH=17H)
31	SVC_DELETE	AH=41h	Delete file (interface not investigated yet)
32	SVC_MOVE	AH=56h	Rename file (interface not investigated yet)
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37	SVC_OPENFCB	AH=0Fh	Open file using FCB (interface not investigated yet)
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39	SVC_CLOSEFCB	AH=10h	Close file using FCB (interface not investigated yet)
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44	SVC_SETVERIFY	AH=2Eh	Set VERIFY flag from AL
45	SVC_FINDNEXT	AH=4Fh	Find next file (interface not investigated yet)
46	SVC_CREATE	AH=3Ch	Create new file (interface not investigated yet)
47	SVC_CREATETEMP	AH=5Ah	Create temp file (interface not investigated yet)
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49	SVC_PARSEFILENAME	AH=29h	Parse filename to FCB (params and result same as in INT 21H AH=29H) – creates an unopened FCB from an ASCIIZ string
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61	SVC_ABSDISKREAD	INT 25h	Absolute disk read (interface not investigated yet; corresponds to INT 25h)

Function	Name	INT 21h equivalent	Description
62	SVC_ABSDISKWRITE	INT 26h	Absolute disk write (interface not investigated yet; corresponds to INT 26h)
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Structures

- FCB
- XFCB
- FILETIME
- FILEDATE

SVC API	
Supervisor calls	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85
Structures	FCB XFCB FILETIME FILEDATE

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