Note: This API call is for DOS and Win16 personality only. Use Family API for portability.

2018/09/07 05:04 · prokushev · 0 Comments

INT 21H

AH	Description	Version
00H	Program terminate	1.0+
01H	Character input	1.0+
02H	Character output	1.0+
03H	Auxiliary input	1.0+
04H	Auxiliary output	1.0+
05H	Printer output	1.0+
06H	Direct console I/O	1.0+
07H	Direct console input without echo	1.0+
08H	Console input without echo	1.0+
09H	Display string	1.0+
0AH	Buffered keyboard input	1.0+
0BH	Get input status	1.0+
0CH	Flush input buffer and input	1.0+
0DH	Disk reset	1.0+
0EH	Set default drive	1.0+
0FH	Open file (FCB)	1.0+
10H	Close file (FCB)	1.0+
11H	Find first file (FCB)	1.0+
12H	Find next file (FCB)	1.0+
13H	Delete file (FCB)	1.0+
14H	Sequential read (FCB)	1.0+
15H	Sequential write (FCB)	1.0+
16H	Create or truncate file (FCB)	1.0+
17H	Rename file (FCB)	1.0+
19H	Get default drive	1.0+
1AH	Set disk transfer address	1.0+
1BH	Get allocation info for default drive	1.0+
1CH	Get allocation info for specified drive	1.0+
1FH	Get disk parameter block for default drive	1.0+
21H	Random read (FCB)	1.0+
22H	Random write (FCB)	1.0+
23H	Get file size in records (FCB)	1.0+
24H	Set random record number (FCB)	1.0+
25H	Set interrupt vector	1.0+
26H	Create PSP	1.0+
27H	Random block read (FCB)	1.0+

AH	Description	Version
28H	Random block write (FCB)	1.0+
29H	Parse filename (FCB)	1.0+
2AH	Get date	1.0+
2BH	Set date	1.0+
2CH	Get time	1.0+
2DH	Set time	1.0+
2EH	Set verify flag	1.0+
2FH	Get disk transfer address	2.0+
30H	Get DOS version	2.0+
31H	Terminate and stay resident	2.0+
32H	Get disk parameter block for specified drive	2.0+
33H	Extended functions	2.0+
3300H	Get current extended break state	2.0+
3301H	Set state of extended Ctrl+C/Ctrl+Break checking	2.0+
3302H	Get and set extended Control-Break checking state	3.0+
3303H	Get current CPSW state	3.4/4.0
3304H	Set CPSW state	3.4/4.0
3305H	Get boot drive	4.0+
3306H	Get true version number	5.0+
34H	Get InDOS flag pointer	2.0+
35H	Get interrupt vector	2.0+
36H	Get free disk space	2.0+
37H	Extended functions	2.0+
38H	Get or set country info	2.0+
39H	Create subdirectory	2.0+
3AH	Remove subdirectory	2.0+
3BH	Change current directory	2.0+
3CH	Create or truncate file	2.0+
3DH	Open file	2.0+
3EH	Close file	2.0+
3FH	Read file or device	2.0+
40H	Write file or device	2.0+
41H	Delete file	2.0+
42H	Move file pointer	2.0+
43H	Extended functions	2.0+
4300H	Get file attributes	2.0+
4301H	Set file attributes	2.0+
44H	Extended functions	2.0+
45H	Duplicate handle	2.0+
46H	Redirect handle	2.0+
47H	Get current directory	2.0+
48H	Allocate memory	2.0+
49H	Release memory	2.0+
4AH	Reallocate memory	2.0+
4BH	Execute program	2.0+

AH	Description	Version
4CH	Terminate with return code	2.0+
4DH	Get program return code	2.0+
4EH	Find first file	2.0+
4FH	Find next file	2.0+
50H	Set current PSP	2.0+
51H	Get current PSP	2.0+
52H	Get DOS internal pointers (SYSVARS)	2.0+
53H	Create disk parameter block	2.0+
54H	Get verify flag	2.0+
55H	Create program PSP	2.0+
56H	Rename file	2.0+
57H	Extended functions	2.0+
58H	Get or set allocation strategy	2.11+
59H	Get extended error info	3.0+
5AH	Create unique file	3.0+
5BH	Create new file	3.0+
5CH	Lock or unlock file	3.0+
5DH	File sharing functions	3.0+
5EH	Network functions	3.0+
5FH	Network redirection functions	3.0+
60H	Qualify filename	3.0+
61H	OS/2 File System Join/Subst	OS/2 1.0+
62H	Get current PSP	3.0+
63H	Get DBCS lead byte table pointer	3.0+
64H	Set wait for external event flag / OS/2 VDM API	3.2+ / OS/2 2.0+
65H	Get extended country info	3.3+
66H	Get or set code page	3.3+
67H	Set handle count	3.3+
68H	Commit file	3.3+
69H	Get or set media id	4.0+
6AH	Commit file	4.0+
6CH	Extended open/create file	4.0+ / OS/2 1.0+
6DH	Extended MAke directory	OS/2 1.0+
6EH	DosEnumAttrib	OS/2 1.0+
6FH	DosQMaxEASize	OS/2 1.0+

DOS API	
Process manager	INT 20H, **INT 21H**: 00H, 25H, 26H, 31H, 34H, 35H, 4BH, 4CH, 4DH, 50H, 51H, 52H, 55H, 62H, INT 22H, INT 27H, INT 28H
File manager	INT 25H, INT 26H, **INT 21H**: 0DH, 0EH, 0FH, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 19H, 1AH, 1BH, 1CH, 21H, 22H, 23H, 24H, 27H, 28H, 29H, 2EH, 2FH, 32H, 3305H, 36H, 39H, 3AH, 3BH, 3CH, 3DH, 3EH, 3FH, 40H, 41H, 42H, 4300H, 4301H, 45H, 45H, 46H, 4EH, 4FH, 54H, 56H, 5700H, 5701H, 5AH, 5BH, 5c00H, 5c01H, 60H, 67H, 68H, 6900H, 6901H, 6AH, 6CH
Character Device I/O	INT 29H, **INT 21H**: 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 0AH, 0BH, 0AH, 0CH, 5D07H, 5D08H, 5D09H, 5D0AH
Signals	INT 23H, INT 24H, **INT 21H**: 3300H, 3301H, 3302H

DOS API	
Memory manager	**INT 21H**: 48H, 49H, 4AH, 5800H, 5801H, 5802H, 5803H
Date and Time	**INT 21H**: 2AH, 2BH, 2CH, 2DH
Misc	**INT 21H**: 30H, 3306H, 3700H, 3701H, 3702H, 3703H, 59H
NLS	**INT 21H**: 3303H, 3304H, 3800H, 3801H, 6300H, 6301H, 6301H, 6500H, 6501H, 6502H, 6503H, 6504H, 6505H, 6506H, 6507H, 6520H, 6521H, 6522H, 6523H, 65A0H, 65A1H, 65A2H, 6601H, 6602H
Devices	**INT 21H**: 4400H, 4401H, 4402H, 4403H, 4404H, 4405H, 4406H, 4407H, 4408H, 4409H, 440AH, 440BH, 440CH, 440DH, 440EH, 440FH, 4410H, 4411H, 53H
Network	**INT 21H**: 5E00H, 5E01H, 5E02H, 5E03H, 5E04H, 5E05H, 5F00H, 5F01H, 5F02H, 5F03H, 5F04H, 5F05H, 5F07H, 5F08H
osFree Macro Library	
Video I/O	@SetMode @SetCurSz @SetCurPos @GetCur @SetPage @ScrollUp @ScrollDn @Scroll @GetChAtr @PutChAtr @PutCh @SetPalet @SetColor @SetDot @GetDot @WrtTTY @VideoState @GetMode @GetDisplay @GetVideoState @GetEGAInfo @Cls
Hardware info	@Equipment @MemSize
Serial I/O	@AuxInit @AuxSendChar @AuxRecieveChar @AuxStatus
Tape I/O	@TapeOn @TapeOff @TapeRead @TapeWrite
Keyboard I/O	@KbdStatus @CharIn @CharPeek
Printer I/O	@PrnPrint @PrnInit @PrnStatus
Disk I/O	@DskReset @DskStatus @DskRead @DskWrite @DskVerify @DskFormat
Date and Time	@SetTime @GetTime
Mouse	@MouInit @MouShowPointer @MouStatus @MouSetPos @MouSetMickey @MouRegion
Memory manager	@ModBlok SET_BLOCK

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