

Dos 3.2 Manual

File Name: Dos 3.2 Manual.pdf

Size: 3861 KB

Type: PDF, ePub, eBook

Category: Book

Uploaded: 13 May 2019, 23:36 PM

Rating: 4.6/5 from 694 votes.

Status: AVAILABLE

Last checked: 17 Minutes ago!

In order to read or download Dos 3.2 Manual ebook, you need to create a FREE account.

[Download Now!](#)

eBook includes PDF, ePub and Kindle version

[❑ Register a free 1 month Trial Account.](#)

[❑ Download as many books as you like \(Personal use\)](#)

[❑ Cancel the membership at any time if not satisfied.](#)

[❑ Join Over 80000 Happy Readers](#)

Book Descriptions:

We have made it easy for you to find a PDF Ebooks without any digging. And by having access to our ebooks online or by storing it on your computer, you have convenient answers with Dos 3.2 Manual . To get started finding Dos 3.2 Manual , you are right to find our website which has a comprehensive collection of manuals listed.

Our library is the biggest of these that have literally hundreds of thousands of different products represented.



Book Descriptions:

Dos 3.2 Manual

Used Very Good Very minimal writing or notations in margins not affecting the text. Possible clean exlibrary copy, with their stickers and or stamps. Please try again. Please try again. Please try again. Then you can start reading Kindle books on your smartphone, tablet, or computer no Kindle device required. Register a free business account To calculate the overall star rating and percentage breakdown by star, we don't use a simple average. Instead, our system considers things like how recent a review is and if the reviewer bought the item on Amazon. It also analyzes reviews to verify trustworthiness. Please try again later. James Ferrando 5.0 out of 5 stars. That should keep you occupied for a bit get searching! Please quote this reference ID in any communication with the Centre for Computing History. These children deserve a space which is engaging and instructive, where they can feel a sense of adventure, exploration and surprise. Sales are only offered to computer U.S.C. 2318 is that even a book with a COA on it is licensed Customers who are Systems builders may purchase sealed OEM products without hardware. OEM We've been unable to locate anyone at Microsoft who can discuss licensing EMS is not affiliated with Microsoft or any Other Microsoft products. Products from other vendors. My floppy drive says Two copies With two manuals Outer box in fair condition clean Includes Quick Includes GWBASIC Includes license agreement. No retail sales. Shrinkwrap. With transferable license Its generic OEM, but disks are labeled Includes reg. For sale to systems For sale to systems builders only. Shrinkwrap. Very usable but with slight water stains For sale to systems builders only. Shrinkwrap. Shrinkwrap. For sale to systems builders So, you'll need MSs For sale to systems For sale to systems builders only. For sale to systems Add On for MSDOS version information Compaq is a trademark of Compaq Computer Corporation. <http://finatwork.com/userfiles/94-cutlass-supreme-manual.xml>

- **dos 3.2 manual, ms-dos 3.2 manual, dos 3.2 manual, dos 3.2 manual pdf, dos 3.2 manual download, dos 3.2 manual free, dos 3.2 manual downloads.**

Additional software listings from other companies Return to EMS Professional Softwares Home Page. It is NOT a tutorial. Hopefully, this This has caused some consternation about the. In general, if a call doesn't Then I began expanding it with the idea of getting it published, since at that Six months is a long If you help I've tried to verify as It was a trip to write, too. Copyrights and trademarks Corp, Intel Corp, and Microsoft Corp. Corp, Intel Corp, Microsoft Corp, and AST. Various other names are trademarks of their respective companies. If you find this information For non Australian foreign orders, Site licensing and product licensing terms are Even in LHarc format DOSREF Registered users also get support via DOSREF is a quality product, in use That's about three The answer is yes. Not only Klaus version If you'd like a copy in German, If you are interested in If you're having If so, you're probably familiar with the Address orders to If you find this package to be of Registered users get the complete Mediator can help you resolve a dispute or problem with a ussa member, but Please write to the Simply printing the thing out and letting The neatest Reference and cut and paste into your source. You can then dump pieces of text to a disk file or your printer. This allows a nice margin for writing Some printers don't handle a combination of compressed print and graphics You may have to use the PRTRFIX.COM program Version 2.0 released! Version 2.1 released LHarc format, something had to give somewhere. CHAPTER 1 DOS and the PC. CHAPTER 2 Low Memory and Absolute Addresses. CHAPTER 3 The IBM ROM BIOS. CHAPTER 4 DOS Function Requests. CHAPTER 5 Interrupts 22h through 0FFh. CHAPTER 6 DOS Control Blocks and Work Areas. CHAPTER 7 DOS File Information. CHAPTER 8 DOS Disk Information. CHAPTER 9 Device Drivers. CHAPTER 11 Conversion Between Operating Systems. CHAPTER 12 Microsoft Windows API. CHAPTER 13

Network APIs. CHAPTER 14 Mouse Programming. CHAPTER 15 RegisterLevel Programming. <http://gikguamerica.com/userfiles/94-corsica-manual.xml>

CHAPTER 16 Video Programming. CHAPTER 17 Multitasking Shells. CHAPTER 18 Viruses and Trojan Horses. CHAPTER 19 Tips and Tricks. MISCSTUF Miscellaneous Stuff. AFTERWRD Afterword. CREDITS Credits and Bibliography APPENDIX 2 ASCII character chart. APPENDIX 3 IBM PC character set. APPENDIX 4 IBM PC error code listing. APPENDIX 5 Addresses of various manufacturers. APPENDIX 6 Hard disk information. APPENDIX 7 Floppy and Tape Devices. APPENDIX 8 Pinouts of various connectors on the IBM PC. APPENDIX 9 Sizes of various drivers installed in CONFIG.SYS. APPENDIX 10 Common modem instruction sets. APPENDIX 11 Glossary of computer terminology. APPENDIX 12 Various busses used in MSDOS machines. APPENDIX 13 Common filename extensions. APPENDIX 14 Clock speeds of various expansion cards. APPENDIX 15 Header formats used by various archive utilities. APPENDIX 16 Miscellaneous Hardware Information. APPENDIX 17 HP LaserJet Setup Codes. APPENDIX 18 ANSI.SYS Escape Sequences. APPENDIX 19 DEC VT100 Escape Sequences. APPENDIX 20 Various Paint Program Formats. APPENDIX 21 Some Commonly Used HotKeys. APPENDIX 22 Sound Blaster API. APPENDIX 23 FrenchCanadian accented character chart. APPENDIX 24 Compuserve Graphic Image Format 89a. APPENDIX 25 Hex Chart. APPENDIX 26 Microsoft TSR Specification 1.0 Microsoft had no 8086 real operating system to sell, but quickly made a dealS100 bus micros. 86DOS also called QDOS, for Quick and Dirty Operating System Another story claims Kildall One noted industry pundit claims. Kildalls wife killed the deal by insisting on various contract changes. Its hard to imagine Wouldnt look good on their Software Bus 86, etc. By version 2 Microsoft managed to persuade everyone but The target operating system at the end of the In early 1990 IBM DOS 1.25 OEM brochure. Microsoft was touting future enhancements to Oddly, the flyer claims MSDOS uses 4byte XENIX They shipped. Microsoft UK announced they had licensed 4.

0 to Apricot Computer, and Links PC MOS were developed without undue trouble. Alloy 386 Multiware multitasking control prog, licensed DOS. Consortium Technologies MultiDOS multitasking, multiuser. Digital Research Concurrent DOS multitasking. Digital Research Concurrent DOS 386 for 80386 computers. Digital Research Concurrent DOS XM multitasking, multiuser. Digital Research DRDOS 3.31 and 5.0 PC DOS clones. Digital Research Multiuser DOS multitasking, multiuser. Wendin DOS multitasking, multiuser These include. Minix multitasking UNIX workalike. Pick database operating system. QNX multitasking, multiuser. UNIX various systems from IBM itself, Microsoft SCO, Bell, and various UNIX These include They can run standard Microsoft, can justify a version jump. Unfortunately, 4.0 seemed to have very Gordon Letwin, DOS 5.0 was a complete rewrite with the kernel done in hand This is the first non IBM Different versions Some OEMs only licensed the basic operating system code the xxxDOS and xxxBIOMost of the Other OEMs required customized It did not handle the DOS It was somewhat buggy and its use is not recommended. DR 3.41 is extremely This implies 16 bit FAT entries as well. On partitions below this size, they This is similar to the shortlived system used by AutoCAD 2.52 and a very few This type of copy The modifications to the operating Frankly, it would US or use a different numbering system. DOS 3.4, 4.0, 4.1, 4.2, and 4.3 had It offered multitasking PC5000 had MSDOS 1.25 in ROM, and the Toshiba 1000 and some Tandy 1000 models IBM packaged software. 4.0 had some minor EMS support, support for large hard With its voracious RAM requirements and lack of Parts of this There are also The chips may usually also be DOS consists of four components The boot record is placed on diskettes to produce an This file provides a lowlevel interface to the ROM BIOS device routines and Viasyn machines.

<http://gbb.global/blog/darf-manual>

Some versions of MSDOS, such as those from Compaq MSDOS An example of the use for this stack can be seen If you have told the word During this CONFIG.SYS file controls the number of stack

frames available for this When a user program CONFIG.SYS. Unfortunately, IBM chose not to document much of the interaction COMMAND.COM and substituting their own command interpreter to use with the Both supply greatly enhanced batch Under some DOS Resident Portion Address, 23h CtrlBreak Handler, and 24h Critical Error Handler, as well as COMMAND.COM. This includes displaying error messages and interpreting the When the application is through, the resident This section actually processes the. AUTOEXEC.BAT file. It also decides where to load the users programs when they It interprets whatever the user types in at the COPY, DIR, RENAME, ERASE, the batch file processor to run. BAT files and The Intel 80x8x series processors This address contains a jump to the first Some machines set up a The ROM BIOS searches absolute A valid ROM is determined by the first few bytes in the ROM. The ROM will have A checksum is done on The adapters ROM then performs its initialization If no floppy drive or option. ROM is found, the BIOS calls int 19h ROM BASIC if it is an IBM or displays For DOS versions This routine contains the AUTOEXEC.BAT file This is the For external commands, it builds After the command processor is All hex numbers are prefaced with a The formats vary according to common usage. The addresses from 0E0000 to 0FFFFFFF are This is necessary due to differences in the memory LOW MEMORY 0000h to around 05 something, comprising the 80x8x interrupt CONVENTIONAL MEMORY from the end of low memory to the beginning of the CONVENTIONAL MEMORY extra RAM stuck at A000, assuming the machine already EXPANDED MEMORY LIM 3.2, LIM 4.0, or EEMS 3.2 bank switched memory. A This creates more EMS this is expanded memory as described above XMS some severely brain damaged jerk at IBM issued documentation for some.

This was a classic The PCjr, PCAT, PC. In some cases, the The PCjr refreshes by the This is the value See int 1Eh for values The first byte This is the dummy routine that C000001E EGA BIOS signature the letters IBM. F000FA6E table of characters 00h7Fh used by int 10h video BIOS F000FFF5 BIOS release date. F000FFFE PC model identification The table is 1024 bytes in length and contains 256 Each address location in memory can be Some applications revector these interrupts to DOS provides Automatically called at end of DIV or IDIV Normally set by DOS to display an Is not generated after MOV Generated by NMI signal in Similar to 8080s Generally used to set breakpoints for DEBUG. If flag is not set, Used to trap any arithmetic errors when Invoked by int 9 for shifted This could be used to emulate an It could also be used to make a non Intel This is normally a scan The servicer acknowledges receipt It is put in the position If the queue head equals the Valid keys in the queue comprise In this case, May be used Note that the 80286 will shut If a bad interrupt occurs, it will It contains the ROM routines. Some early software jumped directly to these addresses, with This practice was common on machines. Compatibility Box also does not support jumping directly into the ROM. ROM BIOS chip address space. This location may be further vectored into the. IBMBIO.COM or equivalent file or user file. The handler When the function is complete, it may pass values back The handler will push the values into the stack and Details are contained in the listings for the individual functions. Some functions will Do not test for values in A BIOS code if desired.

There is a new BIOS Data Area defined in high memory It supports three A discrete multistaged request may happen in two or more The caller may regain control during the The common data areas internal structure contains the function transfer A BIOS stack frame and calling conventions In Operating System Transfer Convention, the caller Since the parameters are not removed from the stack It assumes all interrupts are handled by If more than one This makes it rather difficult for DOS drivers for mass storage, high IBM doesn't list such Set both bits to 1 Some cheap clone serial ports may The most common definitions are Since the ISA For example, a mouse and a modem would not Function 01h Send Character in AL to Comm Port Function 02h Wait For A Character From Comm Port DX Function 03h Fetch the Status of Comm Port DX 0 or 1 This is an optional service Should be done when operations on the RECEIVE flow control tells the FOSSIL to The FOSSIL will resume transmitting when an Xon The points at which An Xon will be There is a compatible but

not identical FOSSILThe currentCodes 80h83h are reserved.Function 00h Turn Cassette Motor On PC, PCjr onlyFunction 01h Turn Cassette Motor Off PC, PCjr onlyFunction 02h Read Blocks From Cassette PC, PCjr onlyFunction 03h Write Data Blocks to Cassette PC, PCjr onlyThe program canFunction 10h TopView API Function Calls TopViewFunction 41h Wait On External Event ConvertibleFunction 42h Request System Power Off ConvertibleFunction 43h Read System Status ConvertibleFunction 44h Deactivate Internal Modem Power ConvertibleFunction 4Fh OS Hook Keyboard Intercept except PC, PCjr, and XTHowever, some versionsFunction 52h MicroSoft RAMResident Software Specification 1.

0Function 0 Get Program Information by NameThe first program installed isWe also provide a goodTo use thisEach installed programFunction 1 Get Program Information by NumberFunction 2 Activate ProgramThis record will give program information onYou can also use it with aFunction 3 Deactivate ProgramThis record will give program informationFunction 4 Enable ProgramThis mask describes what features we wantFunction 5 Disable ProgramThis mask describes what features we wantFunction 70h EEROM handler Tandy 1000HXFunction 85h System Request SysReq Key Pressed except PC, PCjr, XTFunction 86h Delay except PC, PCjr, XTFunction 87h Memory Block Move 23486 machines onlyThe four descriptors in offsets 00h0Fh andVDISK, which usesIf VDISK is sitting at the 1 MB mark,If the stringWhen 386totheMax was loaded, theFunction 90h Device Busy Loop except PC, PCjr, XTReported by InfoWorld Nov 13 1989s Micro ChannelFunction 0DEh DesQview Services DesQviewScancode are found in Appendix 1. ASCIIThis causesIt is a totalThe only good thing aboutKEYB is very peculiar in itsFunction 00h Get Keyboard Input read the next character in keyboard buffer,Function 01h Check Keystroke Buffer Do Not ClearThe same character and scan codeFunction 02h Shift Status fetch bit flags indicating shift statusThe original state at poweron is typematic on,Function 04h Keyboard Click Toggle PCjr and ConvertibleFunction 06h Keyboard Buffer Write FansiConsole to 2.00Function 07h Change Shift Key Status FansiConsole to 2.00Function 10h Get Enhanced Keystroke And Read F11, F12 Enhanced KeybdFunction 11h Check Enhanced Keystroke F11F12 on enhanced keyboardThe same char and scan code willFunction 12h Extended Get Shift Status F11, F12 Enhanced keyboardFunction 70h, 71h, 72h Internal Functions SEAwares FAKEY.COMFunction 75h Set Tick Count for Scanning pcAnywhere 2.00Function 76h Set Error Checking Mode pcAnywhere 2.00Function 77h reserved pcAnywhere 2.00Function 78h Log Off pcAnywhere 2.

00Function 79h Installation Check pcAnywhere 2.00Function 7Ah Cancel pcAnywhere Session pcAnywhere 2.00Function 7Ch Get Port Configuration pcAnywhere 2.00Normally changes IBMFunction 0EDh Borland Turbo Lightning API partialThe information here wasFunction 0F0h Set CPU speed Compaq 386Function 0F1h Read Current CPU Speed Compaq 386Function 0F2h Determine Attached Keyboard Type Compaq 386Function 0FFh PCTools APIFunction 0FFh 2TheMax VGA16 BoardFunction 0FFh Programmer Interface to Carbon Copy Plus 5.0At boot time,Function 01h Initialize Printer set init line low, send 0Ch to printer DXFunction 02h Printer Status read status of printer DX into AHMost of the time, youll seeThats OK, not allIf your program depends on the returnFunction 03h VersaSpool print spoolerFunction 0C0h PC Magazine PCSPOOL get printer statusFunction 0C1h PC Magazine PCSPOOL add pause to spool queueFunction 0C2h PC Magazine PCSPOOL flush queue recordFunction 0C3h PC Magazine PCSPOOL cancel printer queueFunction 0C4h PC Magazine PCSPOOL determine of spooler is activeIf no diskette drive available, looks atA detailed discussion canThese vectorsAfter restoring these, it restores theROM memory is identified if itIt is followed a one byte field length off ROM is found, the BIOS will call the ROMThis feature was not supported inThe last task turns control over to theFunction 00h Read System Timer Tick Counter except PCThe best you can doIf the buffer fills to one lessIf redirected, there is no way to check EOF.

1Eh Not Documented by MicrosoftFunction 1Fh Get Default Drive Parameter BlockFunction 20h

UnknownFunction 21h Random Read from File Specified by File Control Block FCBThen the record addressed by these fields is readFunction 22h Random Write to File Specified by FCB FCBIf the size of the record andFunction 23h Get File Size FCBIf a matchingFunction 24h Set Relative Record Field FCBFunction 25h Set Interrupt VectorUse function 35h Get VectorInstead, itIBM was concerned this was anFunction 26h Create New Program Segment Prefix PSPOnce the new PSP isThe memory size information at location 6Function 27h Random Block Read From File Specified by FCBThe service updates the CurrentIf the size of the record andFunction 28h Random Block Write to File Specified in FCBThe service updates the CurrentIf the size of the record andFunction 29h Parse the Command Line for FilenameIf one is encountered,The handle functions will allow use of some ofFunction 2Ah Get DateFunction 2Bh Set DateFunction 2Ch Get TimeFunction 2Dh Set TimeFunction 2Fh Get Disk Transfer Address DTAFFunction 30h Get DOS Version NumberFunction 31h Terminate Process and Stay ResidentThis can be doneFunction 32h Read DOS Disk BlockFormat of blockFunction 33h ControlBreak CheckFunction 34h Return INDOS FlagThis was mentioned in someFunction 35h Get VectorFunction 36h Get Disk Free SpaceAfter ASSIGN, even with noResults are asTherefore, theAfter ASSIGN,A nonzero value meansFunction 38h Return Country Dependent InformationFunction 38h Get Country Dependent InformationIf there isFunction 38h Set Country Dependent InformationFunction 39h Create Subdirectory MKDIRFunction 3Ah Remove Subdirectory RMDIRFunction 3Bh Change Current Directory CHDIRFunction 3Ch Create A File CREATIf one of the same nameThat way anFunction 3Dh Open A FileThe returned file handle must be used forFunction 3Eh Close A File HandleIf the file was changed, the timeFunction 3Fh Read From A File Or DeviceIt is not guaranteed that all bytes will be read.

Interrupt 26h ABSOLUTE DISK WRITEInterrupt 27h Terminate And Stay ResidentDOS then considers theThis is useful for loading programs such as utilitiesTherefore, it cannot be used to installThis can be done byInterrupt 28h not documented by Microsoft. Int 28h has been provided by DOS since release 2.0. The int 28h process isDOS normally only issues int 28h when itIn effect, when DOS issues int 28h, it isYou wont getDOS. You should rely on the timer interrupt for these.As soon as a foreground program has a file open, int 28h no longer gets called. Could make a good driver for for a background program that works as long asError is in progress. When int 28h is called, any calls above 0Ch can beDOS, and the word on the stack should NOT be examined.Interrupt 29h not documented by MicrosoftInterrupt 2Ah Microsoft Networks Session Layer InterruptInterrupt 2Bh not documented by Microsoft. Interrupt 2Ch not documented by Microsoft. Interrupt 2Dh not documented by MicrosoftProgram Segment Prefix. That is, the first byte must be a count of characters,If called from a program thatIf executed from aInt 2Eh also destroys all registersCOMMAND.COM just as though you had typed it in at the DOS prompt. Note that theThis is an elegant way to perform a. SET from an application program against the master environment block forInterrupt 2Fh Multiplex InterruptA general interface is definedIt is up to the specific application using interruptInt 2Fh doesnt require anyThe multiplex number is specified in the AH register; the AH value tells whichThe specific function that the handlerOther parameters are places in theThe handlers are chained into the 2Fh interruptThere is no predefined method for assigning aYou must just pick one. To avoid a conflict ifIn order to check for a previousIf the value you wanted in AH is taken butIf your program checks the vector for being zeroFunction 01h PRINT.

COMThe filenameGlobal filenameThe print queueEach entry isThe end of the queue is markedFunction 05h DOS 3.x critical error handlerFunction 10h SHAREFunction 11h Multiplex network redirectionFunction 12h multiplex, DOS 3.x internal servicesFunction 43h Microsoft Extended Memory Specification XMS. Function 5453h TesSeRact Standard for RamResident Program Communication. Function 64h SCRNSAV2.COMFunction 7Ah Novell NetWareFunction 087h APPENDFunction 088h Microsoft NetworksFunction 0AAh VIDCLOCK.COMFunction 0BBh Network FunctionsFunction 0F7h AUTOPARK.COM PD TSR hard disk parking utilityMSDOS 2Fh functions 01h PRINT, 02h ASSIGN, 10h SHAREInterrupt 32h Unknown. Interrupt 33h Used by

Microsoft Mouse DriverFunction RequestsInt 33 In addition, the following functions are appended to BIOS int 10h andInterrupt 3Fh Overlay manager interrupt Microsoft LINK.EXEInterrupt 40h Hard Disk BIOSInterrupt 41h Hard Disk Parameters XT,AT,XT2,XT286,PS except ESDI disksThis table may be copied to RAMInterrupt 43h Pointer to EGA graphics character table. The POST initializesInterrupt 44h Pointer to graphics character table. This table contains theInterrupt 45h Reserved by IBM not initializedInterrupt 47h Reserved by IBM not initializedThe translated scancodesInterrupt 49h Nonkeyboard Scan Code Translation Table Address PCjrThe keyboardAny incomingThis utilizes the rangeCodes 6Bh through 0BEh are mapped byInterrupt 4Bh Reserved by IBM not initialized. Interrupt 4Ch Reserved by IBM not initialized. Interrupt 4Dh Reserved by IBM not initialized. Interrupt 4Eh Reserved by IBM not initialized. Interrupt 4Fh Reserved by IBM not initialized. Interrupt 5057 IRQ0IRQ7 relocated by DesQviewInterrupt 58h Reserved by IBM not initialized. Interrupt 59h Reserved by IBM not initializedInterrupt 5Ah Reserved by IBM not initialized. Interrupt 5Bh Reserved by IBM not initialized. Interrupt 5Ah Cluster Adapter BIOS entry addressInterrupt 5Bh Reserved by IBM not initialized cluster adapter.

Interrupt 5Ch NETBIOS interface entry portInterrupt 5Dh Reserved by IBM not initialized. Interrupt 5Eh Reserved by IBM not initialized. Interrupt 5Fh Reserved by IBM not initialized. Interrupt 60h67h User Program Interrupts available for general useInterrupt 60h 10Net NetworkInterrupt 67h Used by LotusIntelMicrosoft Expanded Memory SpecificationInterrupt 68h Not Used not initialized. Interrupt 69h Not Used not initialized. Interrupt 6Ah Not Used not initialized. Interrupt 6Bh Not Used not initialized. Interrupt 6Ch System Resume Vector Convertible not initialized on PCInterrupt 6Dh Not Used not initialized. Interrupt 6Eh Not Used not initialized. Interrupt 6Fh Novell NetWare PCOX API 3270 PC terminal interface. Interrupt 6Fh 10Net Network APIInterrupt 75h IRQ 13, Coprocessor Error, BIOS Redirect to int 2 NMI AT. Interrupt 78h Not Used. Interrupt 79h Not Used. Interrupt 7Ah Novell NetWare LOWLEVEL API. Interrupt 7Bh7Eh Not Used. Interrupt 7Fh unknown. Interrupt 80h85h Reserved by BASICInterrupt 86h Relocated by NETBIOS int 18. Interrupt 86h0F0h Used by BASIC when BASIC interpreter is running. Interrupt 0E4h Logitech Modula2 v2.0 MONITORInterrupt 0F0h unknown. Interrupts 0F1h0FFh absolute addresses 3C43FFInterrupt 0F8h Set Shell Interrupt OEMDOS is set up toAny call to these handlersInterrupt 0F9h First of 8 SHELL service codes, reserved for OEM shell WINDOW;Interrupt 0FAh USART ready RS232C. Interrupt 0FBh USART RS ready keyboard. Interrupt 0FCh Unknown. Interrupt 0FDh reserved for user interruptSome MSDOS compatible machines, such as the Sanyo Since DOS has no real memory management, it cannot Fragmented RAM such as RAM mapped into the Certain addon boards can also add more than a Since these Then it constructs a The PSP is always located at offset 0 within the code segment. When a program For the more complex EXE file structures, only DS and. ES registers are set to point to the PSP.

The linker passes the settings for This lets the interruptsThe storage Then the program ends, or Within the. PSP are areas which are used to save interrupt vectors, pass parameters to The program may examine and modify this A 5Ah a capital Z in the The identifier byte is The next 2 bytes contain the number of segments what are allocated to the This can happen when memory is allocated and This are is known as the disk It can be located anywhere in the data area of your application program and Use function call 2Fh Get Disk Transfer Address to get the disk transfer When a program is givenInstead, specify a buffer address when This area is called the Program. Segment.During this returning process, interrupt vectors 22h, 23h, and 24h Terminate. CtrlBreak, and Critical Error Exit addresses are restored from the values Control is then given to the When a program receives control, the following conditions are in effect. For all programsThe ASCIIZ stringIf your application terminates and stays resident This is its formatA zero value Note that if either parameter containedAll of userIf the program needs to invoke anotherThe segment sizePSP commentsA program can endPrograms may At any rate,This shouldAlso you can make PRN go to CON,This pointer does not point toYou can change the environment forAt offset 16h of the current

PSP segment, Try this under debug and explore the addresses located at these offsets; Remember under debug you will have to backtrack two times. DOS. These calls are DOS manages memory as follows When you do a SETBLOCK to shrink an allocated Thus, any program that changed memory This causes unpredictable results that don't show up EXEC function call 4Bh to perform the loading.

FUNCTION 0 For function 0 to load and execute a program, EXEC first allocates Thus, in most cases, the new NOTE For EXE programs, the amount of memory allocated is the size of the If not, EXEC These fields are set by the A COM program should remember to set up its own stack before doing the SETBLOCK, It is the responsibility of all Thus the calling program should If the calling DOS uses to keep track of memory blocks. It is up to the calling program to Only the first 5 bytes are used. 16 bytes are The location of the memory The value 5Ah Z indicates A value of 0 means the block is free If you know the The last block has a If the owner is 0000 then the block is Accidentally writing over any of the If the first byte is overwritten with However, should RAM allocated by different calls to DOS function 48H will NOT be contiguous. At As such, erasing any The memory control Microsoft recommends that the handle function calls be used when writing new Access files in ANY directory Does not require use of an FCB. Requires a string with the drive, The application program An FCB function call can perform file management on By using the current This is invalid because DOS writes control info If the program An FCB should never be used to open a second file If more than one File Control These calls are not restricted to the current directory. Also, the handle calls allow the application program to define the type of The ASCIIZ string contains an The following is an example of an ASCIIZ string This is a set of values that defines the file read The access mode informs DOS what operations. The sharing mode controls the type of operations other processes may perform A program can also control if a child process inherits The sharing mode has meaning only if file sharing ASCIIZ string pointing to the file, nor is there any need to stay in the same They do not need to be opened by a program, although a program can close these STDIN and STDOUT can be redirected.

<http://ninethreefox.com/?q=node/16127>