 This is part of **Family API** which allow to create dual-os version of program runs under OS/2 and DOS

Note: This is legacy API call. It is recommended to use 32-bit equivalent

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OS/2 1.0 introduced around 80-90 function calls (various information sources differ) that could be used in FAPI programs.

Name	Description	Module (OS/2)	Library (DOS)	Status (OS/2)	Status (DOS)	FAPI Version
BadDynLink	Terminates execution with error message	–	API/FAPI	–	Done	1.00
DosBeep	Generates sound from the speaker	DOSCALLS	API/FAPI		Done	1.00
DosBufReset	Flushes a file cache buffers	DOSCALLS	API/FAPI	Done	Done	1.10
DosChDir	Defines the current directory for the requesting process	DOSCALLS	API/FAPI	Done	Done	1.00
DosChgFilePtr	Moves the read/write pointer	DOSCALLS	API/FAPI	Done	Done	1.00
DosClose	Closes a handle to a file, pipe, or device	DOSCALLS	API/FAPI	Done	Done	1.00
DosCreateCSAlias	Create CS alias from data segment	DOSCALLS	API/FAPI		Done	1.00
DosCLIAccess	Request I/O privilege for disabling and enabling interrupts	DOSCALLS	API/FAPI		Done	1.00
DosPortAccess	Request or release access to ports for I/O privilege	DOSCALLS	API/FAPI		Done	1.00
DosDelete	Removes a directory entry associated with a file name	DOSCALLS	API/FAPI	Done	Done	1.00
DosDevConfig	Return device configuration	DOSCALLS	API/FAPI		Done	1.00
DosDupHandle	Returns a new file handle for an open file	DOSCALLS	API/FAPI	Done	Done	1.00
DosFreeSeg	Deallocates a memory segment	DOSCALLS	API/FAPI		Done	1.00
DosGetDateTime	Get the current date and time	DOSCALLS	API/FAPI		Done	1.00
DosGetEnv	Return process environment for the current process	DOSCALLS	API/FAPI		Done	1.00
DosGetHugeShift	Return a shift count used to derive the selectors that address memory allocated with DosAllocHuge	DOSCALLS	API/FAPI		Done	1.00
DosGetMachineMode	Returns the current mode of the processor	DOSCALLS	API/FAPI	Done	Done	1.00
DosGetMessage	Retrieve a message from the specified system message file	DOSCALLS	API/FAPI			1.00

Name	Description	Module (OS/2)	Library (DOS)	Status (OS/2)	Status (DOS)	FAPI Version
DosGetVersion	Return the OS version number	DOSCALLS	API/FAPI	Done	Done	1.00
DosInsMessage	Insert variable text string information into the body of a message	DOSCALLS	API/FAPI			1.00
DosMkDir	Create a subdirectory	DOSCALLS	API/FAPI	Done	Done	1.00
DosMkDir2	Create a subdirectory with EA	DOSCALLS	API/FAPI	Done	Done	????
DosMove	Move a file object to another location, change its name	DOSCALLS	API/FAPI		Done	1.00
DosNewSize	Changes the size of a file	DOSCALLS	API/FAPI		Done	1.00
DosPutMessage	Output the message	DOSCALLS	API/FAPI			1.00
DosQCurDir	Returns the full path name of the current directory	DOSCALLS	API/FAPI		Done	1.00
DosQCurDisk	Determines the current default drive for the requesting process	DOSCALLS	API/FAPI		Done	1.00
DosQFileMode	Queries the mode (attribute) of the specified file	DOSCALLS	API/FAPI		Done	1.00
DosQFSInfo	Query file system info	DOSCALLS	API/FAPI		Done	1.00
DosQVerify	Returns the value of the verify flag	DOSCALLS	API/FAPI	Done	Done	1.00
DosRmDir	Removes a subdirectory from the specified disk	DOSCALLS	API/FAPI	Done	Done	1.00
DosSelectDisk	Selects the drive specified as the default drive	DOSCALLS	API/FAPI	Done	Done	1.00
DosSetDateTime	Set the date and time	DOSCALLS	API/FAPI		Done	1.00
DosSetFileInfo	Set attribute and extended attribute information for a file	DOSCALLS	API/FAPI		Done	1.00
DosSetFileMode	Changes the mode (attribute) of the specified file	DOSCALLS	API/FAPI		Done	1.00
DosSetVerify	Sets write verification	DOSCALLS	API/FAPI	Done	Done	1.00
DosSleep	Suspend the current thread for a specified time	DOSCALLS	API/FAPI		Done	1.00
DosSubAlloc	Suballocate portions of a segment	DOSCALLS	API/FAPI			1.00
DosSubFree	Free memory previously allocated by DosSubAlloc	DOSCALLS	API/FAPI			1.00
DosSubSet	Initialize a segment for suballocation	DOSCALLS	API/FAPI			1.00
DosWrite	Write buffer to file	DOSCALLS	API/FAPI		Done	1.00
DosAllocHuge	Allocate multiple segments as a huge block of memory	DOSCALLS	API/FAPI		Done	1.00
DosAllocSeg	Allocate a data segment up to 64KB in size	DOSCALLS	API/FAPI		Done	1.00
DosCaseMap	Case mapping on a string	DOSCALLS	API/FAPI			1.10

Name	Description	Module (OS/2)	Library (DOS)	Status (OS/2)	Status (DOS)	FAPI Version
DosDevIOCtl	Control functions on a device	DOSCALLS	API/FAPI		Done	1.00
DosDevIOCtl2	Control functions on a device	DOSCALLS	API/FAPI		Done	????
DosError	Receive hard error notification	DOSCALLS	API/FAPI		Done	1.00
DosErrClass	Receive hard error code information	DOSCALLS	API/FAPI			1.10
DosExecPgm	Execute another program as a child process	DOSCALLS	API/FAPI		Done	1.00
DosExit	End The current thread or process	DOSCALLS	API/FAPI		Done	1.00
DosFileLocks	Locks and unlock a range in an opened file	DOSCALLS	API/FAPI		Done	1.00
DosFindClose	Finish DosFindFirst or DosFindNext directory search function sequence	DOSCALLS	API/FAPI		Done	1.00
DosFindFirst	Finds the first file object or group of file objects whose name(s) match the specification	DOSCALLS	API/FAPI		Done	1.00
DosFindFirst2	Finds the first file object or group of file objects whose name(s) match the specification	DOSCALLS	API/FAPI			???
DosFindNext	Locate the next set of directory entries	DOSCALLS	API/FAPI		Done	1.00
DosGetCtryInfo	Obtain country-dependent formatting information that resides in the country information file	DOSCALLS	API/FAPI			1.10
DosGetDBCSEv	Obtain a DBCS (double byte character set) environmental vector that resides in the country information file	DOSCALLS	API/FAPI		Done	1.10
DosGetCP	Query the current process code page and the prepared system code pages	DOSCALLS	API/FAPI		Done	1.10
DosSetCP	Set process code page and the session's display code page and keyboard code page	DOSCALLS	API/FAPI		Done	1.10
DosGetCollate	Obtain a collating sequence table	DOSCALLS	API/FAPI			1.10
DosHoldSignal	Temporarily disable or enable signal processing for the current process	DOSCALLS	API/FAPI			1.00
DosOpen	Open a file, a named pipe, or a device	DOSCALLS	API/FAPI		Done	1.00
DosOpen2	Open a file with extended attributes	DOSCALLS	API/FAPI			????

Name	Description	Module (OS/2)	Library (DOS)	Status (OS/2)	Status (DOS)	FAPI Version
DosQFileInfo	Return information for a specific file	DOSCALLS	API/FAPI		Done	1.00
DosRead	Read the specified number of bytes from a file, pipe, or device to a buffer location	DOSCALLS	API/FAPI		Done	1.00
DosReallocHuge	Change the size of memory originally allocated by DosAllocHuge	DOSCALLS	API/FAPI			1.00
DosReallocSeg	Reallocate a segment after discard or changes the size of a segment already allocated	DOSCALLS	API/FAPI		Done	1.00
DosSetCtryCode		DOSCALLS	API/FAPI			1.00
DosSetFHandState	Set the state of the specified file	DOSCALLS	API/FAPI			1.00
DosSetSigHandler	Set signal handler	DOSCALLS	API/FAPI		Done	1.00
DosAllocShrSeg	Allocate a named shared memory segment to a process	DOSCALLS	API/FAPI		Done	1.20
DosGetShrSeg	Accesses a shared memory segment previously allocated by another process	DOSCALLS	API/FAPI		Done	1.20
DosLoadModule	Load a dynamic link module and returns a handle for the module	DOSCALLS	API/FAPI		Done	1.20
DosFreeModule	Free the reference to a dynamic link module for a process	DOSCALLS	API/FAPI		Done	1.20
DosQHandType	Get handle type	DOSCALLS	API/FAPI		Done	1.00
DosGetProcAddr	Get module procedure address	DOSCALLS	API/FAPI		Done	1.20
DosGetPID	Get process id	DOSCALLS	API/FAPI		Done	1.00
DosSetMaxFH	Set maximum file handlers	DOSCALLS	API/FAPI		Done	1.20
DosGetModHandle	Get module handle	DOSCALLS	API/FAPI		Done	1.20
DosQPathInfo	Get path information	DOSCALLS	API/FAPI			1.??
DosQFSAttach	Query information about an attached file system	DOSCALLS	API/FAPI			1.??
DosQSysInfo	Query system variablies values	DOSCALLS	API/FAPI		Done	1.20
DosMemAvail	Query maximum availabe huge memory block	DOSCALLS	API/FAPI		Done	1.20
DosGetInfoSeg	Query global and local information segments	DOSCALLS	API/FAPI		Done	1.20
KbdCharIn	Return a character data record from the keyboard	KBDCALLS	API/FAPI		Done	1.00
KbdFlushBuffer	Clear the keystroke buffer	KBDCALLS	API/FAPI		Done	1.00
KbdGetStatus	Get the current state of the keyboard	KBDCALLS	API/FAPI		Done	1.00

Name	Description	Module (OS/2)	Library (DOS)	Status (OS/2)	Status (DOS)	FAPI Version
KbdSetStatus	Set the characteristics of the keyboard	KBDCALLS	API/FAPI			1.00
KbdStringIn	Read a character string (character codes only) from the keyboard	KBDCALLS	API/FAPI			1.00
KbdPeek	Return any available character data record from the keyboard without removing it from the buffer	KBDCALLS	API/FAPI		Done	1.00
KbdOpen	Create a new logical keyboard	KBDCALLS	API/FAPI		Done	1.20
KbdClose	Close the existing logical keyboard	KBDCALLS	API/FAPI		Done	1.20
KbdGetFocus	Bind the logical keyboard to the physical keyboard	KBDCALLS	API/FAPI		Done	1.20
KbdFreeFocus	Free the logical-to-physical keyboard bond	KBDCALLS	API/FAPI		Done	1.20
KbdGetCp	Query the code page being used to translate scan codes to ASCII characters	KBDCALLS	API/FAPI			1.20
KbdSetCp	Set the code page used to translate key strokes received from the keyboard	KBDCALLS	API/FAPI			1.20
KbdXlate	Translate scan codes with shift states into ASCII codes	KBDCALLS	API/FAPI			1.20
KbdSetCustXt	Install, on the specified handle, the translate table	KBDCALLS	API/FAPI			1.20
KbdGetHWId	Return the type of keyboard in use	KBDCALLS	API/FAPI			1.20
KbdRegister	Registers a keyboard subsystem within a session	KBDCALLS	API/FAPI			1.20
KbdDeRegister	Deregister a keyboard subsystem within a session	KBDCALLS	API/FAPI			1.20
MouRegister	Register a mouse subsystem within a session	KBDCALLS	API/FAPI			1.20
MouDeRegister	Deregister a mouse subsystem within a session	KBDCALLS	API/FAPI			1.20
MouGetNumButtons	Return the number of buttons supported on the installed mouse driver	MOUCALLS	API/FAPI			1.20
MouGetNumMickeys	Return the number of mickeys in each centimeter for the installed mouse driver	MOUCALLS	API/FAPI			1.20
MouGetDevStatus	Return status flags for the installed mouse device driver	MOUCALLS	API/FAPI			1.20
MouGetNumQueEl	Return the current status for the mouse device driver event queue	MOUCALLS	API/FAPI			1.20

Name	Description	Module (OS/2)	Library (DOS)	Status (OS/2)	Status (DOS)	FAPI Version
MouReadEventQue	Read an event from the mouse device FIFO event queue	MOUCALLS	API/FAPI			1.20
MouGetScaleFact	Return a pair of 1-word scaling factors for the current mouse device	MOUCALLS	API/FAPI			1.20
MouGetEventMask	Return the current value of the mouse event queue mask	MOUCALLS	API/FAPI			1.20
MouSetScaleFact	Assign to the current mouse device driver a new pair of 1-word scaling factors	MOUCALLS	API/FAPI			1.20
MouSetEventMask	Assign a new event mask to the current mouse device driver	MOUCALLS	API/FAPI			1.20
MouGetHotKey	Return mouse button or buttons defined as system hot key	MOUCALLS	API/FAPI			1.20
MouSetHotKey	Define mouse button or buttons as system hot key	MOUCALLS	API/FAPI			1.20
MouOpen	Open the mouse device for the current session	MOUCALLS	API/FAPI			1.20
MouClose	Close the mouse device for the current session	MOUCALLS	API/FAPI			1.20
MouGetPtrShape	Get (copy) the pointer shape for the session	MOUCALLS	API/FAPI			1.20
MouSetPtrShape	Set the pointer shape and size for the session	MOUCALLS	API/FAPI			1.20
MouDrawPtr	Notify the mouse device driver that an area is now available	MOUCALLS	API/FAPI			1.20
MouRemovePtr	Notify the mouse device driver that the area is not available	MOUCALLS	API/FAPI			1.20
MouGetPtrPos	Querie the current row and column coordinate	MOUCALLS	API/FAPI			1.20
MouSetPtrPos	Set a new row and column coordinate position	MOUCALLS	API/FAPI			1.20
MouInitReal	Initialize mouse pointer draw support for DOS mode	MOUCALLS	API/FAPI			1.20
MouFlushQue	Flush (empty) the mouse event queue	MOUCALLS	API/FAPI			1.20
MouSetDevStatus	Set the mouse device driver status flags	MOUCALLS	API/FAPI			1.20
VioGetBuf	Return the address of the logical video buffer (LVB)	VIOCALLS	API/FAPI			1.20
VioGetCurPos	Return the coordinates of the cursor	VIOCALLS	API/FAPI		Done	1.00
VioGetCurType	Get cursor type	VIOCALLS	API/FAPI		Done	1.00

Name	Description	Module (OS/2)	Library (DOS)	Status (OS/2)	Status (DOS)	FAPI Version
VioGetPhysBuf	Get addressability to the physical display buffer	VIOCALLS	API/FAPI			1.00
VioReadCellStr	Read a string of character-attribute pairs from the screen	VIOCALLS	API/FAPI		Done	1.00
VioReadCharStr	Read a string of characters from the display	VIOCALLS	API/FAPI		Done	1.00
VioScrollDn	Scroll the entire display buffer (or area specified within the display buffer) down	VIOCALLS	API/FAPI		Done	1.00
VioScrollLf	Scroll the entire display buffer (or area specified within the display buffer) to the left	VIOCALLS	API/FAPI			1.00
VioScrollRt	Scroll the entire display buffer (or area specified within the display buffer) to the right	VIOCALLS	API/FAPI			1.00
VioScrUnLock	Release ownership of (unlocks) the physical display buffer	VIOCALLS	API/FAPI		Done	1.00
VioSetCurPos	Set the cursor's coordinates on the screen	VIOCALLS	API/FAPI		Done	1.00
VioSetCurType	Set the cursor type	VIOCALLS	API/FAPI		Done	1.00
VioSetMode	Set the mode of the display	VIOCALLS	API/FAPI		Done	1.00
VioShowBuf	Update the physical display buffer with the logical video buffer (LVB)	VIOCALLS	API/FAPI			1.20
VioWrtCellStr	Write a string of character-attribute pairs (cells) to the display	VIOCALLS	API/FAPI		Done	1.00
VioWrtCharStr	Write a character string to the display	VIOCALLS	API/FAPI		Done	1.00
VioWrtCharStrAtt	Write a character string with repeated attribute to the display	VIOCALLS	API/FAPI		Done	1.00
VioWrtNAttr	Write an attribute to the display a specified number of times	VIOCALLS	API/FAPI		Done	1.00
VioWrtNCell	Write a cell (character-attribute pair) to the display a specified number of times	VIOCALLS	API/FAPI		Done	1.00
VioWrtNChar	Write a character to the display a specified number of times	VIOCALLS	API/FAPI		Done	1.00
VioWrtTTY	Write a character string to the display starting at the current cursor position	VIOCALLS	API/FAPI		Done	1.00

Name	Description	Module (OS/2)	Library (DOS)	Status (OS/2)	Status (DOS)	FAPI Version
VioScrLock	Request ownership of (locks) the physical display buffer	VIOCALLS	API/FAPI		Done	1.00
VioGetMode	Return the mode of the display	VIOCALLS	API/FAPI		Done	1.20
VioGetConfig	Return the video display configuration	VIOCALLS	API/FAPI		Done	1.??
VioGetAnsi	Return the current ANSI status On/Off state	VIOCALLS	API/FAPI		Done	1.20
VioSetAnsi	Activate or deactivate ANSI support	VIOCALLS	API/FAPI		Done	1.20
VioScrollUp	Sroll the entire display buffer (or area specified within the display buffer) up	VIOCALLS	API/FAPI		Done	1.20
VioDeRegister	Deregister alternate video system	VIOCALLS	API/FAPI		Done	1.20
VioRegister	Register alternate video system	VIOCALLS	API/FAPI		Done	1.20
VioGetState	Return the current settings of adapter	VIOCALLS	API/FAPI			1.??
VioSetState	Set the current settings of adapter	VIOCALLS	API/FAPI			1.??
VioGetCP	Query the code page for display	VIOCALLS	API/FAPI			1.20
VioSetCP	Set the code page for display	VIOCALLS	API/FAPI			1.20
VioGetFont	Get current font	VIOCALLS	API/FAPI			1.??
VioSetFont	Set current font	VIOCALLS	API/FAPI			1.??
VioModeWait	Notify process about it must restore its video mode	VIOCALLS	API/FAPI			1.20
VioModeUndo	Allow one thread within a process to cancel a VioModeWait	VIOCALLS	API/FAPI			1.20
VioPopUp	Show temporary screen to display message	VIOCALLS	API/FAPI			1.20
VioEndPopUp	Return from temporary screen	VIOCALLS	API/FAPI			1.20
VioSavRedrawWait	Notifies application when it must save/redraw its screen	VIOCALLS	API/FAPI			1.20
VioSavRedrawUndo	Allow one thread within a process to cancel a VioSavRedrawWait	VIOCALLS	API/FAPI			1.20
VioPrtSc	Dump screen to printer	VIOCALLS	API/FAPI			1.20
VioPrtScToggle	Toggle VioWrtTty also write to printer	VIOCALLS	API/FAPI			1.20
DosSysTrace	Write trace entry	DOSCALLS	API/FAPI			1.20
DosGetSTDA	Return Trace buffer	DOSCALLS	API/FAPI			1.20

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