



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

2021/09/17 04:47 · prokushev · [0 Comments](#)

2021/08/20 03:18 · prokushev · [0 Comments](#)

Name	Description	Cross-platform				
BadDynLink	This is DOS specific version function which called during module loading if linking error is detected. It shows message and terminates via int 21h Terminate call	-				
DosBeep	Generates sound from the speaker using direct port I/O	No				
DosBufReset	Flushes a file cache buffers					
DosChDir	Defines the current directory for the requesting process					
DosChgFilePtr	Moves the read/write pointer					
DosClose	Closes a handle to a file, pipe, or device					
DosCreateCSAlias	Create CS alias from data segment					
DosCLIAccess	Request I/O privilege for disabling and enabling interrupts					
DosPortAccess	Request or release access to ports for I/O privilege					
DosDelete	Removes a directory entry associated with a file name					
DosDevConfig	Return device configuration					
DosDupHandle	Returns a new file handle for an open file					
DosFreeSeg	Deallocates a memory segment					
DosGetDateTime	Get the current date and time					
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
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

Name	Description	Cross-platform				
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			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
DosDevIOCtl	Control functions on a device	DOSCALLS	API/FAPI			1.00
DosDevIOCtl2	Control functions on a device	DOSCALLS	API/FAPI			????
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			???

Name	Description	Cross-platform				
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			????
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.??

Name	Description	Cross-platform				
DosQSysInfo	Query system variables values	DOSCALLS	API/FAPI		Done	1.20
DosMemAvail	Query maximum available 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
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		KBDCALLS	API/FAPI		Done	1.20
KbdFreeFocus		KBDCALLS	API/FAPI		Done	1.20
KbdGetCp		KBDCALLS	API/FAPI			1.20
KbdSetCp		KBDCALLS	API/FAPI			1.20
KbdXlate		KBDCALLS	API/FAPI			1.20
KbdSetCustXt		KBDCALLS	API/FAPI			1.20
KbdGetHWId		KBDCALLS	API/FAPI			1.20
KbdRegister		KBDCALLS	API/FAPI			1.20
KbdDeRegister		KBDCALLS	API/FAPI			1.20
MouRegister		KBDCALLS	API/FAPI			1.20
MouDeRegister		KBDCALLS	API/FAPI			1.20
MouGetNumButtons		MOUCALLS	API/FAPI			1.20
MouGetNumMickeys		MOUCALLS	API/FAPI			1.20
MouGetDevStatus		MOUCALLS	API/FAPI			1.20
MouGetNumQueEl		MOUCALLS	API/FAPI			1.20
MouReadEventQue		MOUCALLS	API/FAPI			1.20
MouGetScaleFact		MOUCALLS	API/FAPI			1.20
MouGetEventMask		MOUCALLS	API/FAPI			1.20
MouSetScaleFact		MOUCALLS	API/FAPI			1.20
MouSetEventMask		MOUCALLS	API/FAPI			1.20
MouGetHotKey		MOUCALLS	API/FAPI			1.20
MouSetHotKey		MOUCALLS	API/FAPI			1.20
MouOpen		MOUCALLS	API/FAPI			1.20
MouClose		MOUCALLS	API/FAPI			1.20
MouGetPtrShape		MOUCALLS	API/FAPI			1.20
MouSetPtrShape		MOUCALLS	API/FAPI			1.20
MouDrawPtr		MOUCALLS	API/FAPI			1.20

Name	Description	Cross-platform				
MouRemovePtr		MOUCALLS	API/FAPI			1.20
MouGetPtrPos		MOUCALLS	API/FAPI			1.20
MouSetPtrPos		MOUCALLS	API/FAPI			1.20
MouInitReal		MOUCALLS	API/FAPI			1.20
MouFlushQue		MOUCALLS	API/FAPI			1.20
MouSetDevStatus		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
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	Cross-platform				
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	Scroll 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		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		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

From:
<http://185.82.219.184/doku/> - **osFree wiki**

Permanent link:
http://185.82.219.184/doku/doku.php?id=en:docs:fapi:implementation_details&rev=1634452507

Last update: **2021/10/17 06:35**

