



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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DosClose

This call closes a handle to a file, pipe, or device.

Syntax

```
DosClose (FileHandle)
```

Parameters

- FileHandle (HFILE) - input : Handle returned by a previous DosOpen, DosMakeNmPipe, or DosMakePipe call.

Return Code

```
rc (USHORT) - return
```

Return code descriptions are:

- 0 NO_ERROR
- 2 ERROR_FILE_NOT_FOUND
- 5 ERROR_ACCESS_DENIED
- 6 ERROR_INVALID_HANDLE

Remarks

Issuing DosClose with the handle to a file closes a handle to a file, pipe, or device.

If one or more additional handles to a file have been created with DosDupHandle, the directory is not updated and all internal buffers are not written to the medium until DosClose has been issued for the duplicated handles.

Closing a handle to a device causes the device to be notified of the close, if appropriate.


```

Action = 2;
strcpy(FileData, "Data...");
if(!DosOpen(FILE_NAME,                /* File path name */
            &FileHandle,              /* File handle */
            &Action,                  /* Action taken */
            FILE_SIZE,                 /* File primary allocation */
            FILE_ATTRIBUTE,            /* File attribute */
            FILE_EXISTS | FILE_NOEXISTS, /* Open function type */
            DASD_FLAG | INHERIT |      /* Open mode of the file */
            WRITE_THRU | FAIL_FLAG |
            SHARE_FLAG | ACCESS_FLAG,
            RESERVED))                 /* Reserved (must be zero) */
    rc = DosClose(FileHandle);         /* File Handle */
    
```

MASM Binding

```

EXTRN  DosClose:FAR
INCL_DOSFILEMGR    EQU 1

PUSH   WORD        FileHandle    ;File handle
CALL   DosClose
    
```

Returns WORD

Note

Text based on [http://www.edm2.com/index.php/DosClose_\(FAPI\)](http://www.edm2.com/index.php/DosClose_(FAPI))

| Family API | | |
|------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DOS | Process Manager | DosBeep DosExit DosSleep DosExecPgm |
| | File Manager | DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo DosShutdown |
| | Memory Manager | DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias |
| | NLS | DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage |
| | Date and Time | DosSetDateTime DosGetDateTime |
| | Devices | DosDevConfig DosDevIOCtl DosDevIOCtl2 |
| | Signals | DosHoldSignal DosSetSigHandler |
| | Misc | BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec |

| Family API | |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| KBD | KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek |
| VIO | VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell VioWrtNChar VioWrtTTY VioScrLock VioPopUp |
| Tools | BIND |
| Modules | DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL |
| Libraries | API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB |

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