

# Control Program Function Calls

This section reflects the Dos API interface of OS/2 only.

The Dos function calls can be used in full-screen and Presentation Manager sessions to perform basic operating-system operations, such as file input/output, memory allocation, and thread and process creation/control/communication.

## Notes:

1. Calls marked xPM are not supported by Presentation Manager, and must not be used by Presentation Manager applications. An error code is returned if any of these calls are issued.
2. Calls marked xWPM are not windowable and are not supported by Presentation Manager. They can be used in OS/2 mode.
3. Calls marked FAPI are present in the Family API.

| #  | FUNCTION CALL       | ICON | #   | FUNCTION CALL    | ICON |
|----|---------------------|------|-----|------------------|------|
| 1  | DosAllocHuge        | FAPI | 88  | DosMove          | FAPI |
| 2  | DosAllocSeg         | FAPI | 89  | DosMuxSemWait    |      |
| 3  | DosAllocShrSeg      |      | 90  | DosNewSize       | FAPI |
| 4  | DosBeep             | FAPI | 91  | DosOpen          | FAPI |
| 5  | DosBufReset         | FAPI | 92  | DosOpen2         | FAPI |
| 6  | DosCallback         |      | 93  | DosOpenQueue     |      |
| 7  | DosCallNmPipe       |      | 94  | DosOpenSem       |      |
| 8  | DosCaseMap          | FAPI | 95  | DosPeekNmPipe    |      |
| 9  | DosChDir            | FAPI | 96  | DosPeekQueue     |      |
| 10 | DosChgFilePtr       | FAPI | 97  | DosPFSActivate   |      |
| 11 | DosCLIAccess        |      | 98  | DosPFSCloseUser  |      |
| 12 | DosClose            | FAPI | 99  | DosPFSInit       |      |
| 13 | DosCloseQueue       |      | 100 | DosPFSQueryAct   |      |
| 14 | DosCloseSem         |      | 101 | DosPFSVerifyFont |      |
| 15 | DosConnectNmPipe    |      | 102 | DosPhysicalDisk  |      |
| 16 | DosCopy             |      | 103 | DosPortAccess    | FAPI |
| 17 | DosCreateCSAlias    | FAPI | 104 | DosPtrace        |      |
| 18 | DosCreateQueue      |      | 105 | DosPurgeQueue    |      |
| 19 | DosCreateSem        |      | 106 | DosPutMessage    | FAPI |
| 20 | DosCreateThread     |      | 107 | DosQAppType      |      |
| 21 | DosCwait            |      | 108 | DosQCurDir       | FAPI |
| 22 | DosDelete           | FAPI | 109 | DosQCurDisk      | FAPI |
| 23 | DosDevConfig        | FAPI | 110 | DosQFHandState   | FAPI |
| 24 | DosDevIOCtl         | FAPI | 111 | DosQFileInfo     | FAPI |
| 25 | DosDevIOCtl2        |      | 112 | DosQFileMode     | FAPI |
| 26 | DosDisConnectNmPipe |      | 113 | DosQFSAttach     |      |
| 27 | DosDupHandle        | FAPI | 114 | DosQFSInfo       | FAPI |
| 28 | DosEditName         |      | 115 | DosQHandType     | FAPI |
| 29 | DosEnterCritSec     |      | 116 | DosQNmPHandState |      |
| 30 | DosEnumAttribute    | FAPI | 117 | DosQNmPipeinfo   |      |

| #  | FUNCTION CALL      | ICON | #   | FUNCTION CALL      | ICON |
|----|--------------------|------|-----|--------------------|------|
| 31 | DosErrClass        | FAPI | 118 | DosQNmPipeSemState |      |
| 32 | DosError           | FAPI | 119 | DosQPathInfo       | FAPI |
| 33 | DosExecPgm         | FAPI | 120 | DosQSysInfo        |      |
| 34 | DosExit            | FAPI | 121 | DosQueryQueue      |      |
| 35 | DosExitCritSec     |      | 122 | DosQVerify         | FAPI |
| 36 | DosExitList        |      | 123 | DosR2StackRealloc  |      |
| 37 | DosFileIO          |      | 124 | DosRead            | FAPI |
| 38 | DosFileLocks       | FAPI | 125 | DosReadAsync       |      |
| 39 | DosFindClose       | FAPI | 126 | DosReadQueue       |      |
| 40 | DosFindFirst       | FAPI | 127 | DosReallocHuge     | FAPI |
| 41 | DosFindFirst2      | FAPI | 128 | DosReallocSeg      | FAPI |
| 42 | DosFindNext        | FAPI | 129 | DosResumeThread    |      |
| 43 | DosFlagProcess     |      | 130 | DosRmDir           | FAPI |
| 44 | DosFreeModule      |      | 131 | DosScanEnv         |      |
| 45 | DosFreeResource    |      | 132 | DosSearchPath      |      |
| 46 | DosFreeSeg         | FAPI | 133 | DosSelectDisk      | FAPI |
| 47 | DosFSAttach        |      | 134 | DosSelectSession   |      |
| 48 | DosFSCtl           |      | 135 | DosSemClear        |      |
| 49 | DosFSRamSemClear   |      | 136 | DosSemRequest      |      |
| 50 | DosFSRamSemRequest |      | 137 | DosSemSet          |      |
| 51 | DosGetCollate      | FAPI | 138 | DosSemSetWait      |      |
| 52 | DosGetCp           | FAPI | 139 | DosSendSignal      |      |
| 53 | DosGetCtryInfo     | FAPI | 140 | DosSetCp           | FAPI |
| 54 | DosGetDateTime     | FAPI | 141 | DosSetDateTime     | FAPI |
| 55 | DosGetDBCSEv       | FAPI | 142 | DosSetFHandState   | FAPI |
| 56 | DosGetEnv          | FAPI | 143 | DosSetFileInfo     | FAPI |
| 57 | DosGetHugeShift    | FAPI | 144 | DosSetFileMode     | FAPI |
| 58 | DosGetInfoSeg      |      | 145 | DosSetFSInfo       | FAPI |
| 59 | DosGetMachineMode  | FAPI | 146 | DosSetMaxFH        |      |
| 60 | DosGetMessage      |      | 147 | DosSetNmPHandState |      |
| 61 | DosGetModHandle    |      | 148 | DosSetNmPipeSem    |      |
| 62 | DosGetModName      |      | 149 | DosSetPathInfo     | FAPI |
| 63 | DosGetPID          | FAPI | 150 | DosSetProcCp       |      |
| 64 | DosGetPPID         |      | 151 | DosSetPrty         |      |
| 65 | DosGetProcAddr     |      | 152 | DosSetSession      |      |
| 66 | DosGetPrty         |      | 153 | DosSetSigHandler   | FAPI |
| 67 | DosGetResource     |      | 154 | DosSetVec          | FAPI |
| 68 | DosGetResource2    |      | 155 | DosSetVerify       | FAPI |
| 69 | DosGetSeg          |      | 156 | DosSizeSeg         | FAPI |
| 70 | DosGetShrSeg       |      | 157 | DosShutdown        |      |
| 71 | DosGetVersion      | FAPI | 158 | DosSleep           | FAPI |
| 72 | DosGiveSeg         |      | 159 | DosSMRegisterDD    |      |
| 73 | DosHoldSignal      | FAPI | 160 | DosStartSession    |      |
| 74 | DosInsMessage      | FAPI | 161 | DosStopSession     |      |
| 75 | DosKillProcess     |      | 162 | DosSubAlloc        | FAPI |

| #  | FUNCTION CALL | ICON | #   | FUNCTION CALL     | ICON |
|----|---------------|------|-----|-------------------|------|
| 76 | DosLoadModule |      | 163 | DosSubFree        | FAP  |
| 77 | DosLockSeg    |      | 164 | DosSubSet         | FAP  |
| 78 | DosMakeNmPipe |      | 165 | DosSuspendThread  |      |
| 79 | DosMakePipe   |      | 166 | DosTimerAsync     |      |
| 80 | DosMemAvail   |      | 167 | DosTimerStart     |      |
| 81 | DosMkDir      | FAP  | 168 | DosTimerStop      |      |
| 82 | DosMkDir2     | FAP  | 169 | DosTransactNmPipe |      |
| 83 | DosMonClose   | xPM  | 170 | DosUnlockSeg      |      |
| 84 | DosMonOpen    | xPM  | 171 | DosWaitNmPipe     |      |
| 85 | DosMonRead    | xPM  | 172 | DosWrite          | FAP  |
| 86 | DosMonReg     | xPM  | 173 | DosWriteAsync     |      |
| 87 | DosMonWrite   | xPM  | 174 | DosWriteQueue     |      |

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