

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

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

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

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