



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](#)

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| Trace group                 | Major code | Offset | Mask |
|-----------------------------|------------|--------|------|
| Trace                       | 000        | 0      | 80   |
|                             | 001        |        | 40   |
| Mode Transition             | 002        |        | 20   |
| Machine Exception           | 003        |        | 10   |
| Hardware Interrupt          | 004        |        | 08   |
| KERNEL Services (2.x)       | 005        |        | 04   |
| DevHlp Services (2.x)       | 006        |        | 02   |
| Miscellaneous/DASD (2.x)    | 007        |        | 01   |
|                             | 008        | 1      | 80   |
|                             | 009        |        | 40   |
|                             | 010        |        | 20   |
|                             | 011        |        | 10   |
|                             | 012        |        | 08   |
|                             | 013        |        | 04   |
|                             | 014        |        | 02   |
|                             | 015        |        | 01   |
| Tasking                     | 016        | 2      | 80   |
|                             | 017        |        | 40   |
| Tasking                     | 018        |        | 20   |
|                             | 019        |        | 10   |
| Program Execution Control   | 020        |        | 08   |
|                             | 021        |        | 04   |
| Program Execution Control   | 022        |        | 02   |
|                             | 023        |        | 01   |
| Inter-Process Communication | 024        | 3      | 80   |
|                             | 025        |        | 40   |
|                             | 026        |        | 20   |
|                             | 027        |        | 10   |
| Miscellaneous Services      | 028        |        | 08   |
|                             | 029        |        | 04   |
|                             | 030        |        | 02   |
|                             | 031        |        | 01   |

| Trace group               | Major code | Offset | Mask |
|---------------------------|------------|--------|------|
| Physical Memory Allocator | 032        | 4      | 80   |
| Physical Memory Compactor | 033        |        | 40   |
| Swapper                   | 034        |        | 20   |
| Swapper                   | 035        |        | 10   |
| Virtual Memory Management | 036        |        | 08   |
|                           | 037        |        | 04   |
|                           | 038        |        | 02   |
|                           | 039        |        | 01   |
|                           | 040        |        | 5    |
|                           | 041        | 40     |      |
|                           | 042        | 20     |      |
|                           | 043        | 10     |      |
|                           | 044        | 08     |      |
|                           | 045        | 04     |      |
|                           | 046        | 02     |      |
| Physical Memory Allocator | 047        |        | 01   |
| File System               | 048        | 6      | 80   |
|                           | 049        |        | 40   |
| File System               | 050        |        | 20   |
|                           | 051        |        | 10   |
|                           | 052        |        | 08   |
|                           | 053        |        | 04   |
|                           | 054        |        | 02   |
|                           | 055        | 01     |      |
| Timer Services            | 056        | 7      | 80   |
|                           | 057        |        | 40   |
|                           | 058        |        | 20   |
|                           | 059        |        | 10   |
|                           | 060        |        | 08   |
|                           | 061        |        | 04   |
|                           | 062        |        | 02   |
|                           | 063        |        | 01   |
|                           | 064        | 8      | 80   |
|                           | 065        |        | 40   |
|                           | 066        |        | 20   |
|                           | 067        |        | 10   |
|                           | 068        |        | 08   |
|                           | 069        |        | 04   |
|                           | 070        |        | 02   |
|                           | 071        |        | 01   |

| Trace group          | Major code | Offset | Mask |
|----------------------|------------|--------|------|
|                      | 072        | 9      | 80   |
|                      | 073        |        | 40   |
|                      | 074        |        | 20   |
|                      | 075        |        | 10   |
|                      | 076        |        | 08   |
|                      | 077        |        | 04   |
|                      | 078        |        | 02   |
|                      | 079        |        | 01   |
|                      | 080        |        | 10   |
|                      | 081        | 40     |      |
|                      | 082        | 20     |      |
|                      | 083        | 10     |      |
|                      | 084        | 08     |      |
|                      | 085        | 04     |      |
|                      | 086        | 02     |      |
|                      | 087        | 01     |      |
|                      | 088        | 11     | 80   |
|                      | 089        |        | 40   |
|                      | 090        |        | 20   |
|                      | 091        |        | 10   |
|                      | 092        |        | 08   |
|                      | 093        |        | 04   |
|                      | 094        |        | 02   |
|                      | 095        |        | 01   |
| Device Management    | 096        | 12     | 80   |
| Device Help Routines | 097        |        | 40   |
| Device Help Routines | 098        |        | 20   |
|                      | 099        |        | 10   |
| Keyboard Handler     | 100        |        | 08   |
|                      | 101        |        | 04   |
|                      | 102        |        | 02   |
|                      | 103        |        | 01   |
| Disk Device Driver   | 104        | 13     | 80   |
|                      | 105        |        | 40   |
| Mou Handler          | 106        |        | 20   |
|                      | 107        |        | 10   |
| Video I/O            | 108        |        | 08   |
|                      | 109        |        | 04   |
|                      | 110        |        | 02   |
|                      | 111        |        | 01   |

| Trace group       | Major code | Offset | Mask |
|-------------------|------------|--------|------|
|                   | 112        | 14     | 80   |
|                   | 113        |        | 40   |
|                   | 114        |        | 20   |
|                   | 115        |        | 10   |
|                   | 116        |        | 08   |
|                   | 117        |        | 04   |
|                   | 118        |        | 02   |
|                   | 119        |        | 01   |
|                   | 120        | 15     | 80   |
|                   | 121        |        | 40   |
|                   | 122        |        | 20   |
|                   | 123        |        | 10   |
|                   | 124        |        | 08   |
|                   | 125        |        | 04   |
|                   | 126        |        | 02   |
|                   | 127        |        | 01   |
| Session Manager   | 128        | 16     | 80   |
| Session Manager   | 129        |        | 40   |
| Session Manager   | 130        |        | 20   |
| Message Retriever | 131        |        | 10   |
|                   | 132        |        | 08   |
|                   | 133        |        | 04   |
|                   | 134        |        | 02   |
|                   | 135        |        | 01   |
| Queueing          | 136        | 17     | 80   |
| Queueing          | 137        |        | 40   |
|                   | 138        |        | 20   |
|                   | 139        |        | 10   |
|                   | 140        |        | 08   |
|                   | 141        |        | 04   |
|                   | 142        |        | 02   |
| Miscellaneous     | 143        |        | 01   |
|                   | 144        | 18     | 80   |
|                   | 145        |        | 40   |
|                   | 146        |        | 20   |
|                   | 147        |        | 10   |
|                   | 148        |        | 08   |
|                   | 149        |        | 04   |
|                   | 150        |        | 02   |
|                   | 151        |        | 01   |

| Trace group | Major code | Offset | Mask |
|-------------|------------|--------|------|
|             | 152        | 19     | 80   |
|             | 153        |        | 40   |
|             | 154        |        | 20   |
|             | 155        |        | 10   |
|             | 156        |        | 08   |
|             | 157        |        | 04   |
|             | 158        |        | 02   |
|             | 159        |        | 01   |
|             | 160        | 20     | 80   |
|             | 161        |        | 40   |
|             | 162        |        | 20   |
|             | 163        |        | 10   |
|             | 164        |        | 08   |
|             | 165        |        | 04   |
|             | 166        |        | 02   |
|             | 167        |        | 01   |
|             | 168        | 21     | 80   |
|             | 169        |        | 40   |
|             | 170        |        | 20   |
|             | 171        |        | 10   |
|             | 172        |        | 08   |
|             | 173        |        | 04   |
|             | 174        |        | 02   |
|             | 175        |        | 01   |
|             | 176        | 22     | 80   |
|             | 177        |        | 40   |
|             | 178        |        | 20   |
|             | 179        |        | 10   |
|             | 180        |        | 08   |
|             | 181        |        | 04   |
|             | 182        |        | 02   |
|             | 183        |        | 01   |
|             | 184        | 23     | 80   |
|             | 185        |        | 40   |
|             | 186        |        | 20   |
|             | 187        |        | 10   |
|             | 188        |        | 08   |
|             | 189        |        | 04   |
|             | 190        |        | 02   |
|             | 191        |        | 01   |

| Trace group          | Major code | Offset | Mask |
|----------------------|------------|--------|------|
|                      | 192        | 24     | 80   |
|                      | 193        |        | 40   |
| Presentation Manager | 194        |        | 20   |
|                      | 195        |        | 10   |
|                      | 196        |        | 08   |
|                      | 197        |        | 04   |
|                      | 198        |        | 02   |
|                      | 199        |        | 01   |
|                      | 200        | 25     | 80   |
|                      | 201        |        | 40   |
|                      | 202        |        | 20   |
|                      | 203        |        | 10   |
|                      | 204        |        | 08   |
|                      | 205        |        | 04   |
|                      | 206        |        | 02   |
|                      | 207        |        | 01   |
|                      | 208        | 26     | 80   |
|                      | 209        |        | 40   |
|                      | 210        |        | 20   |
|                      | 211        |        | 10   |
|                      | 212        |        | 08   |
|                      | 213        |        | 04   |
|                      | 214        |        | 02   |
|                      | 215        |        | 01   |
|                      | 216        | 27     | 80   |
|                      | 217        |        | 40   |
|                      | 218        |        | 20   |
|                      | 219        |        | 10   |
|                      | 220        |        | 08   |
|                      | 221        |        | 04   |
|                      | 222        |        | 02   |
|                      | 223        |        | 01   |
|                      | 224        | 28     | 80   |
|                      | 225        |        | 40   |
|                      | 226        |        | 20   |
|                      | 227        |        | 10   |
|                      | 228        |        | 08   |
|                      | 229        |        | 04   |
|                      | 230        |        | 02   |
|                      | 231        |        | 01   |

| Trace group | Major code | Offset | Mask |
|-------------|------------|--------|------|
|             | 232        | 29     | 80   |
|             | 233        |        | 40   |
|             | 234        |        | 20   |
|             | 235        |        | 10   |
|             | 236        |        | 08   |
|             | 237        |        | 04   |
|             | 238        |        | 02   |
|             | 239        |        | 01   |
|             | 240        | 30     | 80   |
|             | 241        |        | 40   |
|             | 242        |        | 20   |
|             | 243        |        | 10   |
|             | 244        |        | 08   |
|             | 245        |        | 04   |
|             | 246        |        | 02   |
|             | 247        |        | 01   |
|             | 248        | 31     | 80   |
|             | 249        |        | 40   |
|             | 250        |        | 20   |
|             | 251        |        | 10   |
|             | 252        |        | 08   |
|             | 253        |        | 04   |
|             | 254        |        | 02   |
|             | 255        |        | 01   |

**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 |
|     | 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  |
| KBD | KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek |  |

| <b>Family API</b> |   |
|-------------------|---|
| VIO               | <a href="#">VioGetBuf</a> <a href="#">VioGetConfig</a> <a href="#">VioGetCurPos</a> <a href="#">VioGetCurType</a> <a href="#">VioGetPhysBuf</a><br><a href="#">VioReadCellStr</a> <a href="#">VioReadCharStr</a> <a href="#">VioScrollUp</a> <a href="#">VioScrollDn</a> <a href="#">VioScrollLf</a> <a href="#">VioScrollRt</a><br><a href="#">VioScrUnLock</a> <a href="#">VioSetCurPos</a> <a href="#">VioSetCurType</a> <a href="#">VioSetMode</a> <a href="#">VioGetMode</a> <a href="#">VioShowBuf</a><br><a href="#">VioWrtCellStr</a> <a href="#">VioWrtCharStr</a> <a href="#">VioWrtCharStrAtt</a> <a href="#">VioWrtNAttr</a> <a href="#">VioWrtNCell</a><br><a href="#">VioWrtNChar</a> <a href="#">VioWrtTTY</a> <a href="#">VioScrLock</a> <a href="#">VioPopUp</a> |
| Tools             | BIND  |
| Modules           | <a href="#">DOSCALLS.DLL</a> <a href="#">VIOCALLS.DLL</a> <a href="#">KBDCALLS.DLL</a> <a href="#">MSG.DLL</a>  |
| Libraries         | <a href="#">API.LIB</a> <a href="#">OS2386.LIB</a> <a href="#">FAPI.LIB</a> <a href="#">DOSCALLS.LIB</a> <a href="#">SUBCALLS.LIB</a>   |

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Last update: **2022/01/25 03:41**

