



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](#)

| IOctl Fcn | Mouse Router function | MOU API Function                 | Function Performed          | Status |      |
|-----------|-----------------------|----------------------------------|-----------------------------|--------|------|
|           |                       |                                  |                             | OS/2   | FAPI |
| IOMR_NB   | FC_MOUGETNUMBUTTONS   | <a href="#">MouGetNumButtons</a> | Get # of mouse buttons      |        | 1.20 |
| IOMR_MC   | FC_MOUGETNUMMICKEYS   | <a href="#">MouGetNumMickeys</a> | Get# of mickeys/centimeter  |        |      |
| IOMR_GS   | FC_MOUGETDEVSTATUS    | <a href="#">MouGetDevStatus</a>  | Get device status flags     |        |      |
| IOMW_DS   | FC_MOUSETDEVSTATUS    | <a href="#">MouSetDevStatus</a>  | Set device status flags     |        |      |
| IOMR_QS   | FC_MOUGETNUMQUEEL     | <a href="#">MouGetNumQueEl</a>   | Get event queue status      |        |      |
| IOMR_RD   | FC_MOUREADEVENTQUE    | <a href="#">MouReadEventQue</a>  | Read event queue contents   |        |      |
| IOMR_GF   | FC_MOUGETSCALEFACT    | <a href="#">MouGetScaleFact</a>  | Get current scaling factors |        |      |
| IOMW_SS   | FC_MOUSESCALEFACT     | <a href="#">MouSetScaleFact</a>  | Set new scaling factors     |        | 1.20 |
| IOMR_GM   | FC_MOUGETEVENTMASK    | <a href="#">MouGetEventMask</a>  | Get current event mask      |        |      |
| IOMW_EM   | FC_MOUSETEVENTMASK    | <a href="#">MouSetEventMask</a>  | Set new event mask          |        |      |
| N/A       | FC_MOUOPEN            | <a href="#">MouOpen</a>          | Open mouse support          |        |      |
| N/A       | FC_MOUCLOSE           | <a href="#">MouClose</a>         | Close mouse support         |        |      |
| N/A       | N/A                   | <a href="#">MouRegister</a>      | Install a mouse subsystem   |        |      |
| N/A       | N/A                   | <a href="#">MouDeRegister</a>    | Deinstall a mouse subsystem |        |      |
| N/A       | FC_MOUINITREAL        | <a href="#">MouInitReal</a>      | Initialize DOS mode driver  |        |      |
| IOMW_SP   | FC_MOUSETPTRSHAPE     | <a href="#">MouSetPtrShape</a>   | Assign new pointer shape    |        |      |
| IOMW_GP   | FC_MOUGETPTRSHAPE     | <a href="#">MouGetPtrShape</a>   | Get pointer shape           |        |      |
| IOMW_DP   | FC_MOUDRAWPTR         | <a href="#">MouDrawPtr</a>       | Unmark collision area       |        | 1.20 |
| IOMW_RP   | FC_MOUREMOVEPTR       | <a href="#">MouRemovePtr</a>     | Mark collision area         |        | 1.20 |

Todo:

FC\_MOUGETHOTKEY EQU 09H FC\_MOUSETHOTKEY EQU 0AH FC\_MOUGETPTRPOS EQU 11H  
FC\_MOUSEPTRPOS EQU 12H FC\_MOUFLUSHQUE EQU 14H

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Last update: **2022/02/11 03:55**

