



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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# MouGetScaleFact

This call returns a pair of 1-word scaling factors for the current mouse device.

## Syntax

MouGetScaleFact (ScaleStruct, DeviceHandle)

## Parameters

- ScaleStruct ([PSCALEFACT](#)) - output: Address of the control block structure that contains the current row and column coordinate scaling factors.

See [MouSetScaleFact](#) for more information.

- DeviceHandle (HMOU) - input: Contains the handle of the mouse device obtained from a previous MouOpen.

## Return Code

rc (USHORT) - return:Return code descriptions are:

- 0 NO\_ERROR
- 385 ERROR\_MOUSE\_NO\_DEVICE
- 466 ERROR\_MOU\_DETACHED
- 501 ERROR\_MOUSE\_NO\_CONSOLE
- 505 ERROR\_MOU\_EXTENDED\_SG

## Remarks

The units of the scale factor depend on the mode of the display screen for the session. If the screen is operating in text mode, the scaling units are relative to characters. If the screen is operating in graphics mode, the scaling units are relative to pels.

## Bindings

### C

```
typedef struct _SCALEFACT { /* mousc */
    USHORT rowScale;        /* row scaling factor */
    USHORT colScale;        /* column coordinate scaling factor */
} SCALEFACT;

#define INCL_MOU

USHORT rc = MouGetScaleFact(ScaleStruct, DeviceHandle);

PSCALEFACT ScaleStruct; /* 2-word structure */
HMOU DeviceHandle; /* Mouse device handle */

USHORT rc; /* return code */
```

### MASM

```
SCALEFACT struc
    mousc_rowScale dw ? ;row scaling factor
    mousc_colScale dw ? ;column coordinate scaling factor
SCALEFACT ends

EXTRN MouGetScaleFact:FAR
INCL_MOU EQU 1

PUSH@ OTHER ScaleStruct ;2-word structure
PUSH WORD DeviceHandle ;Mouse device handle
CALL MouGetScaleFact

Returns WORD
```

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