MouGetScaleFact

Bindings: C, MASM

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

MouGetScaleFact (ScaleStruct, DeviceHandle)

ScaleStruct (**PSCALEFACT**) - output Address of the control block structure that contains the current row and column coordinate scaling factors. The scaling factors must be greater than or equal to 1 and less than or equal to (32K - 1).

rowscale (**USHORT**) Row scaling factor.

colscale (**USHORT**) Column scaling factor.

See MouSetScaleFact for more information.

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

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.

C bindings

```
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 bindings

```
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
```

From:
https://osfree.org/doku/ - **osFree wiki**

Permanent link:
https://osfree.org/doku/doku.php?id=en:ibm:prcp:mou:getscalefact

Last update: **2016/09/15 04:07**