DosBeep

This call generates sound from the speaker.

Syntax

DosBeep (Frequency, Duration)

Parameters

- Frequency (USHORT) - input : Tone in Hertz (cycles per second) in the range 37 through 32767.
- Duration (USHORT) - input : Length of the sound in milliseconds.

Return Code

rc (USHORT) - return Return code descriptions are:

- 0 NO_ERROR
- 395 ERROR_INVALID_FREQUENCY

Remarks

DosBeep executes synchronously. An application program that invokes DosBeep waits until the specified number of milliseconds expire before it resumes execution.

Example Code

C Binding

```
#define INCL_DOSPROCESS

USHORT  rc = DosBeep(Frequency, Duration);

USHORT  Frequency;      /* Hertz (Hz) */
USHORT  Duration;       /* Length of sound */

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

This example generates a beep for 1 second (1,000 milliseconds) at a frequency of 1,380.

```
#define INCL_DOSPROCESS
#define BEEP_FREQUENCY 1380
#define BEEP_DURATION 1000


USHORT  rc;


rc = DosBeep(BEEP_FREQUENCY,
             BEEP_DURATION);
```

MASM Binding

```
EXTRN   DosBeep:FAR
INCL_DOSPROCESS      EQU 1


PUSH    WORD    Frequency       ;Frequency (in Hertz)
PUSH    WORD    Duration        ;Length of sound (in milliseconds)
CALL    DosBeep
```

Returns WORD

Note

Text based on http://www.edm2.com/index.php/OS2_API:CPI:LEGACY:DosBeep