This call returns the size of the largest block of free memory.

#### Syntax

```
DosMemAvail (MemAvailSize)
```

#### Parameters

- MemAvailSize (PULONG) - output: Address of the size of the largest free block of memory.

#### Return Code

;rc (USHORT) - return:Return code description is:

- 0 NO_ERROR

#### Remarks

DosMemAvail allows an application to determine how heavily used system memory is at a particular time. The returned value is a “snapshot” that may be valid only at the moment this function is issued and can be expected to change at any time due to system activity.

This call can be used as an indicator for memory availability before a call to DosAllocHuge is made.

#### Bindings

### C

```
#define INCL_DOSMEMMGR
USHORT  rc = DosMemAvail(MemAvailSize);
PULONG  MemAvailSize;  /* Size available (returned) */
USHORT  rc;            /* return code */
```

### MASM

```
EXTRN  DosMemAvail:FAR
INCL_DOSMEMMGR      EQU 1

PUSH@  DWORD   MemAvailSize  ;Size available (returned)
CALL   DosMemAvail

Returns WORD
```

http://www.edm2.com/index.php/DosMemAvail

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