

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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