
Subject: Re: allocating memory

Posted by [Foldy Lajos](#) on Sat, 20 Oct 2007 13:58:35 GMT

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On Sat, 20 Oct 2007, Andrew Cool wrote:

```
> Hmm, Here's what I get on my 4GB of RAM Quad core system running 64
> bit IDL (v6.4) under 64 bit Vista :-
>
> IDL> memtest
> current block size =          2146435072
> Memory block # 1:  2047 Mb (total: 2047 Mb)
> Memory block # 2:  2047 Mb (total: 4094 Mb)
> Memory block # 3:  2047 Mb (total: 2045 Mb)
> Memory block # 4:  2045 Mb (total: 4090 Mb)
> Memory block # 5:  2043 Mb (total: 2037 Mb)
> Memory block # 6:  2041 Mb (total: 4078 Mb)
> Memory block # 7:  1803 Mb (total: 1785 Mb)
>
> Can't say I know how to interpret that at all !!
>
> Andrew C.
>
```

The same config with Linux (4G phys + 2G swap):

```
IDL> memtest
current block size =          2146435072
Memory block # 1:  2047 Mb (total: 2047 Mb)
Memory block # 2:  2047 Mb (total: 4094 Mb)
Memory block # 3:   532 Mb (total:  530 Mb)
Memory block # 4:   63 Mb (total:  593 Mb)
```

and after changing ULONG to ULONG64 in memtest :-)

```
IDL> memtest
current block size =          2146435072
Memory block # 1:  2047 Mb (total: 2047 Mb)
Memory block # 2:  2047 Mb (total: 4094 Mb)
Memory block # 3:   547 Mb (total: 4641 Mb)
Memory block # 4:   63 Mb (total: 4704 Mb)
```

regards,
lajos
