Subject: Re: Memory allocation problem
Posted by pgrigis on Fri, 28 Nov 2008 16:04:24 GMT
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There seems to be a problem with that on my machine.
memtest reports that it can allocate *any* memory size
I want (at least up to 2 TB).
Since that is larger than my hard drive, not even
reckless virtual memory usage could go that far...

```
IDL> help,!version,/st
** Structure !VERSION, 8 tags, length=104, data length=100:
   ARCH            STRING    'x86_64'
   OS              STRING    'darwin'
   OS_FAMILY       STRING    'unix'
   OS_NAME         STRING    'Mac OS X'
   RELEASE         STRING    '7.0.4'
   BUILD_DATE      STRING    'Sep  3 2008'
   MEMORY_BITS     INT             64
   FILE_OFFSET_BITS
                   INT             64
```

Ciao,
Paolo

b_...@hotmail.com wrote:

```
>>  Last line: ulong -> ulong64 otherwise it will never go above 4095MB.
>
>
>  Yes, with this modification:
>
>      print, format='(%"Memory block #%2d: %4d Mb (total: %6d Mb)")', $
>        i + 1, ishft(currentBlockSize, -20), ishft(ulong64(total
>  (memBlockSizes)), -20)
>
>  % Compiled module: MEMTEST.
>  Memory block # 1: 2047 Mb (total:   2047 Mb)
>  Memory block # 2: 2047 Mb (total:   4094 Mb)
>  Memory block # 3: 2047 Mb (total:   6141 Mb)
>  Memory block # 4: 2047 Mb (total:   8188 Mb)
>  Memory block # 5: 2047 Mb (total:  10235 Mb)
>  Memory block # 6:  572 Mb (total:  10807 Mb)
```