
Subject: Re: memory allocation on Macs
Posted by [pgrigis](#) on Thu, 01 May 2008 18:25:51 GMT
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Brian Larsen wrote:

> Paolo,
>
> I get the same behavior but different error codes and memory usage
> info.
>
> IDL> a=bytarr(1000,1000,1000)
> IDL> b=bytarr(1000,1000,1000)
> IDL> c=bytarr(1000,1000,1000)
> IDL> d=bytarr(1000,1000,1000)
> idl(344,0xa0488fa0) malloc: *** mmap(size=1000001536) failed (error
> code=12)
> *** error: can't allocate region
> *** set a breakpoint in malloc_error_break to debug
> % Unable to allocate memory: to make array.
> Cannot allocate memory
> % Execution halted at: \$MAIN\$
>
> but my activity monitor only shows 131MB free
>
> I am on IDL 6.4.1 and OSX 10.5.2.
>
> Is this an activity monitor difference only?
Well, the machine as 7GB total real memory...
How much you have? If it is 4GB, that would
explain it I guess, although I don't see why it
wouldn't try to use virtual memory first.

Ciao,
Paolo

>
> Cheers,
>
> Brian
>
>
>
> -----
> Brian Larsen
> Boston University
> Center for Space Physics
> <http://people.bu.edu/balarsen/Home/IDL>
