
Subject: Re: memory allocation on Macs
Posted by [pgrigis](#) on Thu, 01 May 2008 19:06:25 GMT
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Rick Towler wrote:

> pgrigis wrote:

>> Hi folks,

>>

>> we have pretty much exhausted the topic of memory
>> allocation on Windows and Linux, but I don't remember
>> any discussion about this on Mac OS.

>>

>> So, I am using IDL 6.3 on Mac OS X 10.4.11.

>>

>> I tried allocating as many 1GB array as possible,
>> and it failed after 3 successful allocations.
>> Now, the "Activity Monitor" indicates that at this point
>> I have 3.6 GB of memory used and 3.4 GB free.
>> So I am wondering why can't I allocate a couple more
>> of 1GB arrays?

>

> I'm not a macatista, but a quick google search reveals that as of 10.3,
> the per process memory limit in OS X is 4GB. That squares with what
> you're seeing. Someone more in the know might be able to tell you
> if/how this can be tuned. For instance using "setrlimit".
I'll investigate this.

Thanks,
Paolo

>

> -Rick
