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Subject: Re: Memory problem

Posted by [pook41](#) on Sat, 16 Feb 2008 11:21:13 GMT

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On Feb 14, 10:32 pm, j...@argentina.com wrote:

> Hi!  
> I'm trying to make a very large array:  
>  
> a=fltarr(5287, 7707, 8)  
>  
> Then I got the warning: 'Unable to allocate memory: to make array.'  
>  
> Is there any way to avoid this message?  
>  
> Best!  
> Jurandir

Try 64 bit windows with 64 bit IDL? Here's what I get with 4GB of RAM :-

IDL Version 6.4, Microsoft Windows (Win32 x86\_64 m64). (c) 2007, ITT Visual Information Solutions

```
IDL> a=fltarr(5287, 7707, 8)
IDL> help,/mem
heap memory used: 1304694831, max: 1304694831, gets: 505,
frees: 190
IDL> b=fltarr(5287, 7707, 8)
IDL> help,/mem
heap memory used: 2608596228, max: 2608596359, gets: 517,
frees: 199
IDL> c=fltarr(5287, 7707, 8)
IDL> help,/mem
heap memory used: 3912497625, max: 3912497756, gets: 529,
frees: 208
IDL> d=fltarr(5287, 7707, 8)
IDL> help,/mem
heap memory used: 5216399022, max: 5216399153, gets: 541,
frees: 217
```

Cheers,

Andrew

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