
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
