
Subject: Re: Memory problem

Posted by [Kenneth P. Bowman](#) on Thu, 14 Feb 2008 14:51:33 GMT

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In article

<bf8e2253-81b6-4b03-ba46-83848d60d8e3@s19g2000prg.googlegroups.com>, jujo@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

You are trying to make an array that requires

```
IDL> print, 5287*7707*8*4  
1303901088
```

about 1.3 GB.

This is doable on a 32-bit system (assuming that you have 2 GB of RAM), but you will not be able to create two such arrays.

Try

HELP, /MEM

to see how much memory you are using before you try to create the array.

Ken Bowman
