Subject: Re: Memory allocation problem:
Posted by Helge.Rebhan on Mon, 23 Feb 1998 08:00:00 GMT

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In article <34ED873B.BAB44C2E@astro.rug.nl>, I~nigo Garcia
<iruiz@astro.rug.nl> wrote:

> I think this is a bug in IDL, probably someone else has noticed it before:
> If I create a huge array, and then delete it, the allocated memory still remains
> !!! Look a clear example:
>
> IDL> a=fltarr(10000,50000)
> IDL> a=0
>
> The array is not there any more, so the allocated memory should be freed,
> shouldn't it ? But it is not. And I don't like the idea of exiting IDL everytime I
> decide to use some big temporary arrays, I find it ridiculous. If these 2 lines
> are within a routine, the problem is exctly the same.
>
> I am in a Sun UltraSparc, with Solaris and IDL 5.0.2.
>

Lucky Dude ;-) Try this kind of examples on a Mac where the poor memory alloction
of IDL combines with the even worser memory management of the MacOS !

Things are most annoying for me with IDL 5.0 and ENVI 2.7 ! There is absolutly
no catch up of memory shortage in this software ! Oh yes , you get in ENVI
a message box saying 'Memory is getting low' watching at the same time
IDL crashing in the background ;-((This problem should be platform
independend (?)

BTW: Does anybody known about the 'optimised' memory settings for ENVI on the
Mac ? There are a few cache, buffer... settings which are not quite clear
to me ??

   Servus, Helge

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