
Subject: Re: an idl_opserver-like option for IDL 8.0?
Posted by [Doug Martin](#) on Wed, 03 Nov 2010 18:09:02 GMT
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On Nov 3, 12:29 pm, David Fanning <n...@dfanning.com> wrote:

> Doug Martin writes:
>> Is anyone aware of a way to get IDL 8.0 to use a secondary routine
>> like the idl_opserver.exe of 7.0? My problem is this:
>
>> On a Windows XP SP2 machine, 2GB memory, in IDL 7.0 I could make and
>> use reasonably large arrays - say,
>> a=fltarr(512,512,1200). This used about 1 GB worth of memory.
>
>> In IDL 8.0, I'm stuck with arrays with a max of about 500 MB memory
>> before the good old "unable to allocate memory" message pops up. And
>> this is after following the suggestion in Tech Tip 4603. Before that,
>> I couldn't even get 200 MB reliably.
>
>> In any case, does anyone know of a workaround here?
>
> There was a problem in this version of IDL. There is
> a workaround in the article:
>
> http://www.dfanning.com/misc_tips/idl8mem.html
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Dear David -

Thanks for the suggestion! It turns out that your workaround is the same as the Tech Tip 4603

<http://www.itvis.com/services/techtip.asp?ttid=4603>

I still end up being hit with the memory cap with arrays in 8.0 about half the size of 7.0. Shoot.

-Doug
