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Subject: Re: IDL falls to sleep!

Posted by [mallors](#) on Sun, 02 May 1999 07:00:00 GMT

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In article <7gh5o8\$gmv\$1@nnrp1.dejanews.com>,  
throop@colorado.edu writes:

>  
> Praise the lord! RSI has tried to convince me that I am the only one in the  
> world having this problem with 5.2, and that it has something to do with my  
> installation.  
>  
> I have experienced this problem on three Solaris machines under IDL 5.2. I  
> cannot reproduce the problem using 5.0.3 on the two machines that have it  
> installed. The systems are an Ultra 5, Ultra 10, and Sparc 10. I was unable  
> to reproduce the problem in NT.

We are using an Ultra-1, OS version = Solaris 2.6

> For background, my program executes about  $10^5$  iterations through a set  
> of matrix transformations. It's not writing any files, and I don't believe  
> I use the NR\_\_SVFIT routine that Robert mentions above. Memory usage is  
> ~ 50 MB, and I get the same behavior from IDL and IDLDE. In the former,  
> ctrl-c will sometimes give the 'Interrupt encountered' message, not always.

I do not believe it is the actual call to NR\_\_SVDFIT that is causing  
IDL to halt because my colleague replaced SDVFIT with another 3rd  
party fitting routine. His code still halts at some random point  
in the fitting loop under 5.2, but appears work fine under 5.1.

Also, CNTRL-C usually does print the "Interrupt encountered" message  
(but does not interrupt).

Memory usage is not an issue - the code is using only about 20 mb,  
and is not allocating any more memory in the loop that causes  
IDL to halt.

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