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Subject: Re: IDL and Linux on dual processor  
Posted by [pit](#) on Thu, 09 Mar 2000 08:00:00 GMT  
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In article <38C53DC8.4C39C579@colorado.edu>,  
charles fowler <cfowler@colorado.edu> writes:

> Hi all,  
>  
> I'm running IDL on a dual processor  
> Linux machine.

What Processors, which Mainboard, how much memory,  
and how much memory do the IDL-Jobs require?

> When I run two intensive IDL jobs so  
> that both processors are being used,  
> the machine freezes, and I have to reboot.  
> The machine will freeze with a matter of  
> seconds. TOP shows 100% usage at freeze point.  
>  
> I can run multiple compiled C or FORTRAN  
> programs all day just fine.

Do they also use about the same amount of memory as the  
IDL-Jobs?

> RSI says that they cannot duplicate the problem.

Me neither, but I'm running SuSE. The System load is  
2-4 for 24/7, doing 2-3 IDL Jobs in parallel, no problems  
whatsoever.

> Does anyone have any suggestions?  
> Is this a problem with IDL, REDHAT, motherboard???

Either MB (e.g. I have lots of Problems with a Gigabyte  
Mainboard that freezes with interrupt problems).  
Or Memory Problems. Try looking for memtest (look e.g.  
at freshmeat) and check it.  
Have a look at the Kernel messages (Don't know RedHat,  
SuSE has Kernel logging on console 10; switch there  
immediately after starting the jobs, or start them with  
a delay, and look.)

Peter

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