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Subject: Re: IDL process stalls

Posted by [trishb](#) on Sun, 28 Nov 2010 04:59:00 GMT

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On Nov 27, 12:30 pm, jeanh

<jghasb...@DELETETHIS.environmentalmodelers.ANDTHIS.com> wrote:

> On 27/11/2010 11:29 AM, trishb wrote:

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>

>> Hi everyone,

>

>> I have a problem with a very resource-intense IDL program. It uses  
>> several Gigs of RAM (sometimes including swap memory) and runs at  
>> around 100% CPU for a long time (ie. days). In most cases the program  
>> runs just fine without problems, however sometimes it stalls. There  
>> has been no exception or error thrown, it just 'hangs' in the middle  
>> of the main loop of the program. The only thing that happens is that  
>> the program seems still running but nothing happens anymore.  
>> Incidentally the CPU and memory load goes down which indicates that it  
>> somehow "lost contact". But, as mentioned, IDL itself doesn't stop or  
>> note that anything went wrong. I wonder if it is related to other  
>> memory-loaded tasks running on the same machine on a different CPU.

>

>> My questions: Did anyone have the same problem already? Any idea how  
>> to trace the problem? I should mention that the code runs on IDL 7.0  
>> on ubuntu, 8GB RAM, intel Quadcore.

>

>> Thanks for your suggestions.

>

>> T.

>

> last time I had this kind of problem, the hard disk was full... memory  
> swap became a problem (not too sure why) and eventually nothing would  
> respond anymore  
> Jean

Thanks for the suggestion. There's still 100GB left on the hard drive.

I wonder if there is some problem with memory (de-)allocation when  
swapping. Just a guess.

T.

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