
Subject: Re: IDL process stalls
Posted by [jeanh](#) on Sat, 27 Nov 2010 20:30:53 GMT
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On 27/11/2010 11:29 AM, trisb wrote:

> 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

Subject: Re: IDL process stalls
Posted by [trisb](#) 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:

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> 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.
