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Subject: IDL process stalls

Posted by [trishb](#) on Sat, 27 Nov 2010 16:29:52 GMT

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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.

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