
Subject: Re: Hyperthreading and IDL?

Posted by [Edd Edmondson](#) on Wed, 29 Sep 2004 11:23:35 GMT

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Jonathan Greenberg <greenberg@ucdavis.edu> wrote:

> Has anyone done any performance tests looking at IDL 6.0 (or 6.1) under
> hyperthreaded architectures? I see that certain processes max the processor
> out at exactly 50%, which makes me think that I'm getting a 50% performance
> hit just using the hyperthreading enabled. Thoughts? Experience?

It's probably a figment of the way the hyperthreaded CPU appears to the kernel - as one CPU or as two or whatever. It'd be best to do some sort of quick benchmark. Use 'timer=SYSTIME(/SECONDS)' before some long routine and then do a 'print, SYSTIME(/SECONDS)-timer' to see how much time has elapsed. You should pretty quickly be able to tell if you're actually getting a performance hit (which I'd be surprised if you did).

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Edd
