

Re: program runs almost twice as slow on 2 CPU machine when 1 CPU

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Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.kernel/2006-12/msg00194.htm>

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"anton bassov" <soviet_bloke@xxxxxxxxxx> wrote in message
<news:1165360492.928427.276470@xx>

Once interrupt can get raised at any time, regardless of the thread that currently runs on the target CPU, they cannot affect CPU load, as far as system management tools are concerned.

Extremely apologise for jumping into this discussion, but how then the Process Explorer displays time percentage for interrupts and dpc ?

In fact, there are not that many drivers that actually deal with interrupts – only port and miniport drivers do it. All other drivers just submit their requests, and pass them down the stack. They run at IRQL < DPC level most of the time,

This also looks as overstatement. Even if a driver does not handle interrupts, it nevertheless can do a lot of work at dispatch, just because this is simple (WDM, USB and so on)

Regards,
—PA

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