
Subject: Re: minimum timer event value?

Posted by [davidf](#) on Sat, 12 Aug 2000 07:00:00 GMT

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Rick Towler (rtowler@u.washington.edu) writes:

- > Is there a minimum value for the TIMER keyword of Widget_Control?
- >
- > I can't seem to generate events faster than maybe 2-3 per second
- > regardless of the value I set TIMER to. I certainly can slow it down
- > with values of 1,2,5 etc. but values of .3, .1, .01 all seem to create
- > events of the same delay (around 2-3 per second). I thought that this
- > may be processor dependent but the program seems to act the same on a
- > 300 MHz laptop and Dual 500 MHz desktop.
- >
- > Is there a limit to the rate at which IDL can generate TIMER events or
- > do I have a problem someplace else?

If you set the TIMER equal to 0, the event will go on the queue immediately. How soon that event gets handled, depends on several things: (1) how much more you do in the event handler *after* you set the Timer event, (2) what other events are in the queue and have to be processed *before* the next timer event, (3) how fast your machine is, etc.

But I do think the slowest of these variables is actually generating the event and putting it on the queue. 2-3 per second sounds about right to me.

Cheers,

David

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