Subject: Re: Missing GetTickCount64
Posted by Tom1 on Wed, 29 Oct 2014 09:27:29 GMT

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Hi,

This is not an easy task. I have spent days or maybe weeks over the last 20 years to get a reliable, precise monotonic timer that works. This relatively recent Microsoft article sheds some light on the task:

http://msdn.microsoft.com/en-us/library/windows/desktop/dn55 3408%28v=vs.85%29.aspx

I guess QueryPerformanceCounter() is the way to go, but it is slow to call and has not been entirely trouble free either. I have solved the problem using the 32 bit timer and some overflow detection solutions to build monotonic timer for longer periods. (Sleeping and hibernating might still be a problem though.)

Best regards,

Tom