

Re: Why INFINITE loop in a thread occupy so much CPU time??

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- *From:* David Wilkinson <no-reply@xxxxxxxxxxxxx>
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Joseph M. Newcomer wrote:

Perhaps because you asked it to? If you write a computation that consumes all the CPU, it is going to, guess what, consume all the CPU! And that's what you've written! So presumably you WANT to consume 100% of the available CPU time.

I have no idea what while(1) means anyway. while(TRUE) makes sense; while(true) makes sense. What's an integer got to do with it?

Joe:

Well, while(1) and while(TRUE) are in fact the same thing. while(1) is often used in C where there is no bool type.

I agree that while(true) is preferred, but all these constructs produce warnings in recent VC versions at level 4 (at least in C++ mode), and the preferred usage is for(;;). I find this ugly, but have started using it since I started compiling at level 4.

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