

Re: how to end a thread from the main thread

Source: <http://www.tech-archive.net/Archive/VC/microsoft.public.vc.mfc/2005-12/msg01829.html>

- *From:* Joseph M. Newcomer <newcomer@xxxxxxxxxxxxx>
 - *Date:* Fri, 23 Dec 2005 12:10:16 -0500
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That would be silly. If I were doing that, I'd wait on the thread handle, because it is more efficient (Sleep(10) will essentially push CPU utilization towards 100%). It has the same set of problems, because it blocks the message pump.

joe

On Fri, 23 Dec 2005 11:16:44 +0100, Michael Nielsen <mnielsen@xxxxxxx> wrote:

>Joseph M. Newcomer wrote:

>> The trick goes like this...

>>

>> Suppose for this example I have a boolean, ThreadRunning, on behalf of a view. Also a

>> boolean called closing. Both are initialized to false, and ThreadRunning is set to TRUE

>> when the thread starts

>>

>> void CMyView::OnClose()

>> {

>> if(ThreadRunning)

>> {

>> ... initiate thread shutdown

>> closing = TRUE;

>> }

>> CView::OnClose();

>> }

>>

>>

>> LRESULT CMyView::OnThreadFinished(WPARAM, LPARAM)

>> {

>> ThreadRunning = FALSE;

>> if(closing)

>> PostMessage(WM_CLOSE);

>> return 0;

>> }

>>

>

>Don't you need a variable isClosed and set it true as the last thing the

>thread does so the application can wait for it

>(while(!isClosed)Sleep(10);) to be closed before exiting?

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MVP Tips: http://www.flounder.com/mvp_tips.htm

- **References:**

- ◆ **how to end a thread from the main thread**
 - ◇ From: Mystique
- ◆ **Re: how to end a thread from the main thread**
 - ◇ From: Josh McFarlane
- ◆ **Re: how to end a thread from the main thread**
 - ◇ From: Joseph M . Newcomer
- ◆ **Re: how to end a thread from the main thread**
 - ◇ From: Josh McFarlane
- ◆ **Re: how to end a thread from the main thread**
 - ◇ From: Joseph M . Newcomer
- ◆ **Re: how to end a thread from the main thread**
 - ◇ From: Michael Nielsen

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