

System Timer Puzzle

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 - *Date:* Mon, 22 Aug 2005 17:57:06 -0700
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I'm building a WinForms app that is a companion to a Pocket PC app. The WinForms app initiates a separate thread that calls a Notification window. This window resides in the lower right corner of the screen and keeps the user informed about what is happening during data transfer to/from the Pocket PC.

Everything has been working fine with the Notification window until now. Here's the problem:

I'm using RAPI to copy the required CAB files to the Pocket PC. Some of them are quite large, up to 2.5MB in size. During the copying, I wanted to keep the user informed about the progress. So I instantiated a System Timer in the Notification form that executes an event every second. One of the things the Interval Handler of this timer does is call the RAPI object to find out the current filesize on the Pocket PC (ie. how many bytes have been copied so far).

When writing this information to the Debug window, it seems to work basically okay. But when I try to display it in a label on the Notification form, it just does not. I tried adding "this.Refresh()" and "Application.DoEvents()" after setting the label but this did not resolve the problem.

Any idea why not and how I can solve the problem?

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- *Follow-Ups:*
 - ◆ *RE: System Timer Puzzle*
 - ◇ *From:* Mark R. Dawson

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