

## Re: Application freezes CF 1.1 Win CE4.2 any ideas

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1. There is no CF 1.0 – it's CF 1.0 or 2.0. I'll assume you're using 1.0
2. The most likely cause is you're affecting some UI element from a worker thread. You must use Control.Invoke for this. To debug I'd run the app against CF 2.0SP1 in compatibility mode. CF 2.0 throws lots more exceptions than 1.0 did, so it's likely to tell you exactly where the error is.

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"Andrew Fell-Gordon" <[NgAnswers@xxxxxxxxxxxxxxxxxxxx](mailto:NgAnswers@xxxxxxxxxxxxxxxxxxxx)> wrote in message [news:eoqpud\\$m0k\\$1\\$830fa7a5@xxxxxxxxxxxxxxxxxxxx](mailto:news:eoqpud$m0k$1$830fa7a5@xxxxxxxxxxxxxxxxxxxx)

I have developed a ticketing application running on Psion Teklogix WorkaboutPro running under CE4.2.Net and written in Vb.net under CF 1.1.

The application is generally working well but is subject to occasional freezes. It stops responding to key presses or clicks on the touch screen. These occur, from user descriptions, in situations which are regularly used without problems. I have extensive Try/catch error trapping in place and no errors are being caught.

One common factor from the user descriptions is that the freezes occur when I am hiding and showing panels to change the interface. I know that the most likely cause of freezes is attempts to update the interface from worker threads and I have been through the code checking for these and making sure that Invoke was used if the interface was updated. While I use separate threads for individual background jobs I also have a number of timers running though

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none of these update the interface. I can't see where these would affect the freeze, but I'm running out of ideas.

Apart from my VB code I have OpenNetCF's serial library in use to write to a bluetooth printer, though freezes have not occurred during printing and I only create a serial port file when I start printing.

I also make use of nSoft's IPWorks FTP control. That is created when the system is started but no FTP is going on when the freezes occur.

As the system has to be re-booted to clear the freeze I can't point to any code involved. Is there any way that I can see where the program is hanging when I get it back on an ActiveSync link?

Does anyone have any suggestions of things I should be checking or possible causes?

Any help would be much appreciated.

Best regards

Andrew