

microsoft.public.dotnet.framework: System.OutOfMemory exception: error creating window handle

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Hi,

Software:

.NET 1.1 (both non-SP and SP1)

Visual Studio .NET 2003

MS SQL Server 2000 SP3

Windows XP SP 2

Hardware:

Intel Celeron 1700, Pentium 4 2.4GHz, AMD Athlon 1100

RAM 256-512 DDR

I've run into a strange problem. There is an application which allows to:

1) connect to a certain device using a modem

2) manage different aspects (mostly, working with MS SQL Server)

Serial communication is done on a separate thread, one per each connection.

The maximum number of simultaneous connections is 20.

Note: what is written below applies only when running the application not under the debugger.

The app starts and works correctly: accepts incoming calls, performs different scenarios, dials out when necessary. When the comms thread needs to modify the UI, it is correctly done using `Control.BeginInvoke`. However, sometimes (on different computers) the following exception is thrown:

System.OutOfMemory exception: error creating window handle ---->

System.NullReferenceException: Object reference not set to an instance of object.

at System.Windows.Forms.ThreadContext.OnThreadException

at System.Windows.Forms.Control.WndProcException

at System.Windows.Forms.ControlNativeWindow.OnThreadException

at System.Windows.Forms.NativeWindow.Callback(IntPtr, Int32, IntPtr, IntPtr)

at System.Windows.Forms.UnsafeNativeMethods.IntCreateWindowEx(int32, string, string, int32, int32, int32, int32, int32, IntPtr, IntPtr, IntPtr, object)

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at System.Windows.Forms.UnsafeNativeMethods.CreateWindowEx(int32, string, string, int32, int32, int32, int32, int32, IntPtr, IntPtr, IntPtr, object)

at System.Windows.Forms.NativeWindow.CreateHandle(CreateParams)

-- End of inner exception stack trace --

at System.Windows.Forms.ThreadContext.OnThreadException

at System.Windows.Forms.Control.WndProcException

at System.Windows.Forms.ControlNativeWindow.OnThreadException

at System.Windows.Forms.SafeNativeMethods.ShowWindow(IntPtr, int32)

at System.Windows.Forms.Control.SetVisibleCore

at System.Windows.Forms.Form.SetVisibleCore

at System.Windows.Forms.Control.set_Visible

at System.Windows.Forms.Form.ShowDialog(IWin32Window owner)

at System.Windows.Forms.Form.ShowDialog

at <my form-my code to ShowDialog>

What could be the problem?

Let me stress that this does not happen under debuggers. When debugging, the exception is not thrown. It was noted that this happens more often when having an active connection.

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Regards,

Serge (Logic Software)