

Re: Process won't die when form is closed.

Re: Process won't die when form is closed.

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2007-02/msg03560.html>

- *From:* "Willy Denoyette [MVP]" <willy.denoyette@xxxxxxxxxx>
 - *Date:* Mon, 26 Feb 2007 21:24:10 +0100
-

"Edwin Smith" <smithgoldbug@xxxxxxx> wrote in message
<news:%238mW9DeWHHA.4832@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

"Bruce Wood" <brucewood@xxxxxxxxxx> wrote in message
<news:1172475109.448421.221030@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

On Feb 25, 9:15 pm, "Edwin Smith" <smithgold...@xxxxxxx> wrote:

I have a form which displays a DataGridView table generated with the VS2005 tools. The database is a Pervasive v.9 with an ODBC driver.

The DataGridView works great except when I'm done and I click the X to close the form the .exe refuses to die and has to be killed in Task manager.

I ran a debug trace and it seems to work fine. I dropped a CLOSE button onto the form and put "this.Close();" in for it's event but I get the same result.

Using trial/error troubleshooting seems to point to some of the generated code behind the TableAdapter. If I comment it out the form closes properly but then of course my DataGridView doesn't work.

Anyone have a similar problem?

I'm also having a VS2005 lockup problem (on another thread) which may or may not be related.

My next step is to start over from scratch since it's fairly easy to rebuild

Re: Process won't die when form is closed.

once I have screenshots of my queries etc...

This sounds like a background thread that isn't marked "background". The application shuts down only when all foreground threads have stopped executing. If your code starts a background thread to do some long-running task (like fetching data from a database) and doesn't mark the thread "IsBackground", then the thread will keep your application alive.

You'll have to find the code that starts the background thread and ensure that the thread's IsBackground property is set to true.

Does the code generator for the TableAdapter.Fill generate background threads for ODBC connections? Since this is filling a DataGridView table it DOES get the entire table in memory before it displays the form. Then it disconnects from the database. (I think)

Or is the background thread just an automagic thing and I have to insert the IsBackground property somewhere in order for the code to shutdown properly?

I searched the entire project and the text "IsBackground" does not appear anywhere.

AFAIK this project runs in a single thread since I have not explicitly set anything for multithreaded operation. I'm not that sophisticated a programmer yet so multithreading is way over my head.

Thanks

Edwin

In this case it means that the code is stucked (or deadlocked) in the main thread (are you sure your Main is marked STAThread ?), probably in the Pervasive ODBC driver.

To be sure you'll have to attach a debugger to the process and check which thread is waiting and what he is waiting for.

Another option is to get a copy of process explorer (procexp.exe) from www.syinternals.com (now on msdn) and watch the offending process threads and their stacks.

Willy.

.