

RE: Unable to Abort a listening thread

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2005-01/4354.html>

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Check out this site: <http://www.yoda.arachsys.com/csharp/threads/shutdown.shtml>

There are some excellent articles in there on threading best practices.

HTH

Dan

"MuZZy" wrote:

```
> HI,
>
> As i posted below i have an app with a separate thread listening for a tcp client connection.
> In the simplest way it looks like:
>
> void ListenerThreadFunction()
> {
> TcpListener l = new TcpListener(IPAddress.Parse("127.0.0.1"), 8080);
> l.Start();
> Socket client = l.AcceptSocket();
> client.close;
> l.Stop();
> }
>
> This function is invoked from Form1_Load event of the main form:
>
> Thread MyThread = null;
>
> void Form1_Load(...)
> {
> ...
> MyThread = new Thread(new ThreadStarter(ListenerThreadFunction));
> MyThread.Start();
> }
>
> Now, i'm trying to stop the thread if the app is closing:
>
> void Form1_Closing(...)
```

> {
> ...
> if ((MyThread!=null) && MyThread.isAlive)
> MyThread.Abort();
> }
>
> *But it doesn't work – though main form is closed, i still see that the app proccess is alive in IDE.*
> *MSDN says that Abort throws an exception to the thread, but it never gets there...*
>
> *All of described happens of course if server didn't get a connection and the thread is alive.*
>
> *I'm not that good with threads and think that i misuse the concept somehow...*
> *Any suggestions would be highly appreciated!!!*
>
> *Thank you in advance!*
> *Andrey*
>