

Re: You wanted defensive writing...

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.csharp.general/2004-04/0024.html>

From: Stu Smith (*stuart_at_nospam-digita.com*)

Date: 04/06/04

Date: Tue, 6 Apr 2004 14:26:08 +0100

Couldn't you have set the debugger to break on all exceptions?

"Ayende Rahien" <Ayende@softhome.net> wrote in message
news:23107676.0403271936.4b33015a@posting.google.com...

> *Warning, this is quite a big rant!*

>

> *The story of a late night debugger:*

>

> *The hour is 03:15 AM, and I'm sitting here satisfied. Another bug*

> *eliminated, another enemy conquered. And this one is a tricky one.*

> *I've created an application that loads Caudill's TreeListView as its*

> *main UI. Now, my problem was that after I created about 50% of the*

> *application, I decided to work on the start-up data load, and then the*

> *application started to get nasty.*

> *An IndexOutOfRangeException charged out of nowhere, directly into my*

> *flanks. I was determined, however, and after donning my debugging*

> *armor counter-attacked.*

> *First, I traced the application to where it barfed, which wasn't nice,*

> *it uses threads so it won't freeze (lot of network action).*

> *Eventually I managed to track the error to a method which was adding*

> *items to the TreeListView.*

> *Now, that was strange, because the exact same code was working just a*

> *few minutes ago when I was using it to insert items after the*

> *application loaded.*

> *I commented the line that called the insertion on start-up, and. woila*

> *- everything works!*

> *Then I knew that it wasn't going to be nice. Nevertheless, I set to*

> *track the path of the enemy's army. err program execution, I mean.*

> *I found out that I inserted items into the TreeListView before I added*

> *columns to it. Aha, I thought, now I got it! Fixed this, compile and*

> *run. but IndexOutOfRangeException has managed to sneak behind me again, leaving*

> *me with no other option but following the entire execution path of the*