

# Bugs

**Source:** <http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.general/2004-04/0345.html>

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Recently I've encountered two highly annoying bugs in the framework, anyone who knows how to solve them would be most appreciated.

1) I'm trying to do `Process.Start(url)`; and get a `Win32Exception`, after quite a bit of testing I found out that the reason for this is that I didn't have `STAThread` attribute. `Process.Start(url)` throws when I don't have an attribute at all, or when I have `MTAThrea`, anyone can tell me why?

I looked around, and it seemed that many other people have encountered this problem. I've the workaround, but I want to know what is going on here!

2) The following code throw an exception and abort the program, it shouldn't!

```
public static void SetExceptionHandler()
{
    System.AppDomain.CurrentDomain.UnhandledException+=new
    UnhandledExceptionHandler(CurrentDomain_UnhandledException);
    System.Windows.Forms.Application.ThreadException+=new
    System.Threading.ThreadExceptionHandler
    (Application_ThreadException);
}
```

```
public static void HandleException(Exception ex)
{
    if(ex==null)
        return;
    using(DetailedErrorInfo dei = new DetailedErrorInfo(ex))
    {
        dei.ShowDialog();
    }
}
```

```
private static void CurrentDomain_UnhandledException(object sender,
    UnhandledExceptionEventArgs e)
{
    HandleException(e.ExceptionObject as Exception);
}
```

```
}  
  
private static void Application_ThreadException(object sender,  
System.Threading.ThreadExceptionEventArgs e)  
{  
    HandleException(e.Exception);  
}  
[ STAThread()  
public static void Main(string [] args)  
{  
    SetExceptionHandler();  
    Test();  
    Console.WriteLine("Test passed");  
  
private void Test()  
{  
    throw new InvalidOperationException("Test");  
}
```

There is nothing wrong here as far as I can tell, but it still will give me the silly default dialog. The whole point is to have a better dialog there!

3) Not related to bugs, but does anyone knows whatever there is a way to know at *\*runtime\** whatever this is a debug or release build?