

Re: Handling an exception

Source:

http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.distributed_apps/2006-02/msg00044.html

- *From:* "Jay B. Harlow [MVP – Outlook]" <Jay_Harlow_MVP@xxxxxxxxxxxxxx>
 - *Date:* Mon, 20 Feb 2006 07:10:43 -0600
-

Ross,

| to start SQL server & connect to the DB then if it s successful then have
a
| line saying Resume Next & then continue with whatever I wanted to do.

The "best" you could do is to put a Try/Catch around each of the commands you want retry and have the Catch block retry the Try Block. I find using Goto in the Catch block the "easiest" way to "Retry", others have put the entire Try/Catch in a loop...

BTW: I've heard all the arguments about how Goto is evil & should be avoided, in this case the "Goto Retry" is more like a "Retry" statement. Yes "goto retry" could be used for evil, however it can also be used for good...

Something like:

Try

Retry:

'...something

Catch ex as FileNotFoundException

```
If MessageBox.Show("File does not exist!", _  
Application.ProductName, _  
MessageBoxButtons.RetryCancel, _  
MessageBoxIcon.Question, _  
MessageBoxDefaultButton.Button2) _  
= DialogResult.Retry Then  
GoTo Retry  
End If
```

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End Try

Caution: With either the Goto Retry or a loop, be certain to allow your users an Out, so you don't get into an endless loop.

Hope this helps
Jay

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Hope this helps
Jay [MVP – Outlook]
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"Ross" <Ross@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:71D32336-0052-4BAE-A6FB-6C9B2B8FE93A@xxxxxxxxxxxxxxxxxxxx

| Hi folks

|

| I was wondering, suppose I had some code that went like this:

|

| Try

|

| cn = New SqlConnection
| 'connection string to the db
| strInfo = "server=(local);Persist Security
| Info=False;pwd=;Integrated
| Security=SSPI;database=FusionCommunityVolunteerService
| ;Connect Timeout=30"

|

| 'open the connection
| cn.ConnectionString = strInfo
| cn.Open()

|

| Catch ex As SqlException

|

| Finally

|

| If cn.State <> ConnectionState.Open Then
| cn.Close()
| cn.Dispose()
| End If

|

| End Try

|

| Now, if I was using unstructured exception handling using the old fashioned
| syntax (on error goto ...) & say SQL server wasnt running for some reason,
| in

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| the error handler block, I could write some code that could try a few
times
| to start SQL server & connect to the DB then if it s successful then have
a
| line saying Resume Next & then continue with whatever I wanted to do.
|
| Now, with structured error handling as per the code sample above, how
would
| I do that within the Catch ex as SqlException area. I know I can trap for
| that exception, and I know I could have some code to try a few times to
get
| SQL server started & connect to the DB, but suppose that is successful,
how
| do I get the code to resume at the point where I do something once a
| connection is successful. Do I have a line label at that point in the
code &
| just have a line of code that days GoTo ...?
|
| It seems to me that that sort of technique is going back to the old
| fashioned method and there must be a better way, or is there a facility
that
| is the equivalent of Resume Next.
|
| Or perhaps .net will just automatically resume at the next lot of code if
| you handle for a specific exception, although I dont think that is very
| likely.
|
| Anyway, if somebody could give me a few pointers I would be most
appreciative.
|
| Kind regards
|
| Ross Petersen