

# Re: Infinite Loop in ErrorHandler That Requires Hard Shutdown

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*Source:*

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.formscoding/2006-01/msg01047.html>

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- *From:* "Dirk Goldgar" <[dg@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:dg@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sun, 15 Jan 2006 23:19:41 -0500
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"robert d via AccessMonster.com" <u6836@uwe> wrote in message [5a6c77625c7b2@uwe](mailto:5a6c77625c7b2@uwe)">news:[5a6c77625c7b2@uwe](mailto:5a6c77625c7b2@uwe)

> I use unbound forms and DAO. I followed the recommendations of some  
> others and have come up with the following Exit Handler and Error  
> Handler (this is just an example; rstFlag states whether the  
> recordset is open and bInTrans states whether BeginTrans is turned on)  
>  
> On Error GoTo Err\_Ctrl  
>  
> Dim wst As DAO.Workspace  
> Dim dbt As DAO.Database  
> Dim rst As DAO.Recordset  
>  
> Exit\_Sub:  
>  
> If rstFlag = True Then  
> rst.Close  
> Set rst = Nothing  
> dbt.Close  
> Set dbt = Nothing  
>  
> If bInTrans Then 'Rollback if the transaction is active.  
> wst.Rollback  
> End If  
>  
> Set wst = Nothing  
> rstFlag = False  
> End If  
>  
> DoCmd.SetWarnings True  
> Exit Sub  
>  
> Err\_Ctrl:  
> DoCmd.Hourglass False  
> errMsgStr = ""  
> ctrlfnctnm = "Save\_Edit\_Button"  
> 'Call global error handler

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> Call BuyInfoForm\_err(Err.Number, Err.Description, Err.Source,  
> ctrlfnctnm, errMsgStr)  
> Resume Exit\_Sub  
>  
> I recently added the transaction conditional statement in the exit  
> handler. I had a problem with the code where I began the transaction  
> but then forgot to commit or roll it back in the body of the code.  
> When the code got to rst. Close in the Exit handler, I got an error.  
> Okay, I fixed the error, but the problem with the error was that it  
> created an infinite loop. The Exit Handler error called the Error  
> Handler which then tried to call the Exit Handler which then called  
> the Error Handler and so on.  
>  
> I thought I was handling my Error Handling and Exit Handling  
> correctly. But I see now that if there is an error in the Exit  
> Handler it creates an infinite loop.  
>  
> What am I doing wrong?  
>  
> Thanks.

You should either ignore errors once you reach the exit code, like this:

```
Exit_Sub:  
On Error Resume Next
```

or else set a flag that indicates where you are in the procedure --- for  
example, that you are in the exit code --- and let your error handler  
check that flag to determine where to Resume execution.

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Dirk Goldgar, MS Access MVP  
www.datagnostics.com

(please reply to the newsgroup)

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• **Follow-Ups:**

- ◆ **[Re: Infinite Loop in ErrorHandler That Requires Hard Shutdown](#)**  
◇ From: robert d via AccessMonster.com

• **References:**

- ◆ **[Infinite Loop in ErrorHandler That Requires Hard Shutdown](#)**  
◇ From: robert d via AccessMonster.com

• Prev by Date: **[Re: Error# -2147467259 in ado for accesss 2000](#)**

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