

Re: Clear Stack

Source:

<http://www.tech-archive.net/Archive/VB/microsoft.public.vb.general.discussion/2005-10/msg01297.html>

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 - *Date:* Tue, 18 Oct 2005 12:30:01 +0100
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To unwind the stack, just raise an exception that's handled by a procedure near the root of your stack. Reserve a dedicated error code for this purpose, e.g.

```
Public Const ERR_UNWIND As Long = vbObjectError OR 1000
```

When necessary, raise this using something like:

```
Err.Raise ERR_UNWIND, TypeName(Me), "Unwinding stack"
```

In all your local error handlers, test for this explicit error code. If that's the one then re-throw the error, else handle it as per normal, e.g.

LocalErrorHandler:

```
If Err.Number = ERR_UNWIND Then  
' Re-raise the error for someone else to handle  
Err.Raise Err.Number, Err.Source, Err.Description, Err.HelpFile,  
Err.HelpContext  
Else  
...handle the error as per normal...  
End If
```

That reserved error code will eventually find its way to your root procedure, at which point your stack will have been reset as requested

Tony Proctor

<theycallmebill@xxxxxxxxxx> wrote in message
news:1129623691.318589.155340@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

> Hi all,
>
> Is there a way to clear the event queue and the stack?
>
> I have a communication program where I am several sub routines deep and
> in the event of an error on the other end, I need to keep the program
> from returning to all the subs. I could write a ton of code to do this,
> but I really would like to simply clear the queue.
>

> Bill

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- **References:**

- ◆ **Clear Stack**

- ◆ *From:* theycallmebill

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