

# Re: On Local Error Goto Somewhere

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Hello, Lorin,

IMO the GoTo statement has never been "THE" problem. The problem is the "ComeFrom" statement -- i.e. the label. When I am looking at a GoTo, I know immediately where the next statement is. When I see a label, I don't have a clue how I got there. You have said this yourself in your comment

'label are cheap, and I can search to find the source of this destination

The point is, that you have to search, and searching (my opinion) is not cheap.

Cheers,  
Randy

Lorin wrote:

This brings up the discussion of GOTO since On Error GOTO is a GOTO.

This is the VB6 code I use on occasion if pressed

```
Public Function MySub(sMyFile as String) as String()
ON ERROR GOTO MySubErr Dim lFNbr as long
Dims sBuffer as String
Dim sArgs() as String
Dim iX as Integer

sBuffer = String$(50, " ")
' some code
Do
100 Open sMyFile For Binary As lFNbr

200 Get lFNbr,, sBuffer ' what happens if there are not that many characters in the file?
If Split(sBuffer,",")(0) = "VALID" Then ' just making a point
sArgs=Split(sBuffer, ",") ' now get all
For iX = 0 to UBound(sArgs)
if sArg(iX) = "OOPS" then Exit Do ' a convieient was to escape using this GOTO
```

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```
' Note it skips out of the FOR as well as the DO
if sArg(iX) = "GOSH" Then GoTo FlyingLeap ' another type of GOTO
' Now which is easier to follow?
' Can your eye find the label first or the end of the Loop?
' Labels are automatically left justified.
' what if this was in a complex multilayered nested bit of code?
Next iX
MySub = sArgs
EndIf
Loop While 0 ' solely the target of a GOTO, can you spot it?
' mixed message, I know, but what the heck.
```

```
FlyingLeap: ' label are cheap, and I can search to find the source of this destination
' some additional code goes here to do something very usefull
```

```
MySubExit:
Close IFnbr ' it always closes due to controlled exiting
' cleanup even from errors
Exit Sub
```

```
MySubErr:
Debug.Print Err.Description
Select case ERL
Case 100
' do something here in code
' if there is a possibility on an error at this point then call a subroutine with its own error
handling to do the work and catch an error
Case 200
' do something else here in code
Case Else
' handle other errors here
End Select
' all errors resume to MySubExit
Resume MySubExit
```

```
End Sub ' MySub <----- do you know why I always do this?
```

I know, all you purists go HISSSS and BOOOO.  
THis is not Spaghetti, just clear and responsible coding.

Any discussion????

Stirring the pot.

"Lorin" wrote:

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Please compare and contrast this with  
On Error Goto Somewhere

Big thnks!