

Re: Error handling bug on GetObject?

Source:

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.vbscript/2006-07/msg00341.html>

- *From:* "Tom Lavedas" <tglbatch@xxxxxxx>
 - *Date:* 11 Jul 2006 17:59:10 -0700
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I believe the documentation covers this (but you have to read carefully) and it's not a bug. The issue is the context of the error handler. That is, the error handler you invoke at the top level of your procedure is Not global to another routine called from it. You need to invoke error handling specific to each function of subroutine you might call from your main procedure.

Tom Lavedas

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<http://members.cox.net/tglbatch/wsh>

James Winner wrote:

Hi,

I seem to have hit a bug in the error handling of VBScript. I ran into the problem when trying to assign a user to a group, but the group doesn't exist. If Error Handling is not turned on, then the script crashes on the GetObject statement as expected. However, I want to catch and log the error, and continue on with the script. So, I used the normal code:

```
Set objGroup = GetObject("LDAP://cn=Sales.cn=Users.dc=fabrikam.dc=com")  
If Err.Number <> 0 Then  
WScript.Echo "Error - unable to bind to group"  
Else  
WScript.Echo "Group bound"  
End If
```

In a main routine, this code behaves exactly as expected. However, if I put this code into a Function, like so:

```
On Error Resume Next
```

```
If SetGroup() Then  
WScript.Echo "Set Group Fine"  
Else  
WScript.Echo "Set Group Failed"  
End If
```

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Function SetGroup()

SetGroup = FALSE

set objGroup = GetObject("LDAP://cn=Sales.cn=Users.dc=fabrikam.dc=com)

WScript.Echo "Did we get to this line?"

If Err.Number <> 0 Then

WScript.Echo "Error"

SetGroup = FALSE

Else

WScript.Echo "Fine"

SetGroup = TRUE

End If

End Function ' Set Group

The Error Handling code no longer runs. Instead the Script drops out of the function back to the main routine. The WScript.Echo directly after the GetObject was added to verify that the problem was on the GetObject line, not with the Error Handling afterwards. In this simplified sample program, the program does not crash at the GetObject (though it will, as expected, without the On Error Resume Next), instead it simply drops back to the main routine. In this particular case, reporting "Set Group Fine".

The full script where I ran into this problem is much more complicated, and the GetObject is in nested routines. The main routine calls a subroutine, which calls another subroutine, which calls the function that contains the GetObject statement. In this complex program, the script drops all the way back to the main routine, not just out of the Function.

So far, I have not found any code examples for testing for the existence of a Group the way I can test for the existence of a file. With the GetObject's incorrect behavior when an error occurs I'm not even sure how such a test can be written and incorporated into real-world scripts, as such error handling belongs in a Function or Subroutine. In most complex scripts you probably wouldn't even know the data you are looking for until you were into a subroutine or function.

Any help would be greatly appreciated.

Jim Winner

Program Manager

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