

# Re: exit /b does not work properly in subroutines

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*Source:*

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.cmdprompt.admin/2006-05/msg00020.html>

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- *From:* "Martin Rakhmanov" <[mrakhmanov@xxxxxxxxxxxxxx](mailto:mrakhmanov@xxxxxxxxxxxxxx)>
  - *Date:* Wed, 10 May 2006 13:27:46 +0400
- 

I see - /b switch is required to exit batch. Otherwise cmd.exe session is closed. I have no more questions, thanks for help, David - it is excellent!

Martin

"Martin Rakhmanov" <[mrakhmanov@xxxxxxxxxxxxxx](mailto:mrakhmanov@xxxxxxxxxxxxxx)> wrote in message <news:%23os8gKBdGHA.3388@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Please have a look at two batch files: they only differ in one line (exit and exit /b 1 respectively). So why the batches behave differently?

"David Candy" <> wrote in message <news:uLeus7AdGHA.5116@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
It doesn't. It either exits a shelled batch or cmd.exe, just like all dos batch files expect..

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How to lose a war in Iraq  
<http://webdiary.com.au/cms/?q=node/1335#comment-48641>

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"Martin Rakhmanov" <[mrakhmanov@xxxxxxxxxxxxxx](mailto:mrakhmanov@xxxxxxxxxxxxxx)> wrote in message <news:egD3bsAdGHA.3792@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Also why exit without /b switch exits entire batch, i.e. does exactly what I need (but does not set errorlevel)?

"Martin Rakhmanov" <[mrakhmanov@xxxxxxxxxxxxxx](mailto:mrakhmanov@xxxxxxxxxxxxxx)> wrote in message <news:%23xMZrnAdGHA.4532@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Yes, you are right. How do I then exit entire batch from subprogram and set errorlevel?

"David Candy" <> wrote in message

Re: exit /b does not work properly in subroutines

news:%23xx4HdAdGHA.1208@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

It is doing what is expected. It is exiting the second bat file started with call. You are running a batchfile twice.

add this line

```
echo %errorlevel%  
echo This line should never be reached
```

See Call's help.

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How to lose a war in Iraq

<http://webdiary.com.au/cms/?q=node/1335#comment-48641>

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"Martin Rakhmanov" <mrakhmanov@xxxxxxxxxxxx>

wrote in message

news:eN7g0RAdGHA.1208@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Phil

Thanks for input but this is not what I need:

I should be able to quit entire batch from within subprogram conditionally.

Also I do not understand why simple documented by Microsoft function ("exit /b") does not work as expected.

Martin

"Phil Robyn" <phil\_robyn@xxxxxxxxxxxx>

wrote in message

news:qZqdnY5Ki7AY3vzZnZ2dnUVZ\_sadnZ2d@xxxxxxxxxxxxxxxx

Martin Rakhmanov wrote:

Hello

According to MSFT documentation (help exit) I expect "exit /b 1" called within a batch to exit current

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batch and  
set  
ERRORLEVEL  
to 1. But  
this  
does  
not work  
when I call  
exit /b in a  
subroutine  
– see  
attached  
batch.  
Why?  
I  
am running  
Windows  
Server 2003  
SP1.

Martin

How about this version?

```
----- begin screen  
capture WinXP MCE 2005  
SP2 -----  
=====begin  
c:\cmd\demo\sample.cmd  
=====
```

01. @echo off
02. setlocal
03. set exit=goto :EOF
04. call :MyLabel % 1
05. %exit%
06. echo This line should  
never be reached
- 07.
08. goto :EOF
- 09.
10. :MyLabel
- 11.
12. if NOT  
"%~1"=="unknownoption" (
13. echo Hello from  
subprogram
14. set exit=exit /b 1

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```
15. goto :EOF
16. )
====end
c:\cmd\demo\sample.cmd
=====
- - - - - end screen
capture WinXP MCE 2005
SP2 - - - - -
```

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Phil Robyn
University of California,
Berkeley
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