

Re: exit /b does not work properly in subroutines

Source:

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.cmdprompt.admin/2006-05/msg00019.html>

- *From:* "Martin Rakhmanov" <mrahmanov@xxxxxxxxxxxxxx>
 - *Date:* Wed, 10 May 2006 13:18:43 +0400
-

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@xxxxxxxxxxxxxxxxxxxxxxxx>
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>

=====
"Martin Rakhmanov" <mrahmanov@xxxxxxxxxxxxxx> wrote in message
<news:egD3bsAdGHA.3792@xxxxxxxxxxxxxxxxxxxxxxxx>

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

"Martin Rakhmanov" <mrahmanov@xxxxxxxxxxxxxx> wrote in message
<news:%23xMZrnAdGHA.4532@xxxxxxxxxxxxxxxxxxxxxxxx>

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

"David Candy" <.> wrote in message
<news:%23xx4HdAdGHA.1208@xxxxxxxxxxxxxxxxxxxxxxxx>
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
```

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See Call's help.

How to lose a war in Iraq

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

"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

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

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

--
Phil Robyn
University of California, Berkeley

```
begin 666 sample2.cmd
M0&5C:&\@;V9F#0H-"F-A;&P@.DUY3&%B96P-"@T*96-H;R!4:&ES(&QI;F4@
M<VAO=6QD(&YE=F5R(&)E(')E86-H960-"@T*9V]T;R Z14]&#0H-"CI->4QA
M8F5L#0H-"FEF($Y/5" B)7XQ(CT](G5N:VYO=VYO<'1I;VXB("@-"B!E8VAO
M($AE;&QO(&9R;VT@<W5B<')O9W)A;0T*(&5X:70-"B!G;W1O(#I%3T8-"BD-
)"@T*( T*( T*
`
```

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end

begin 666 sample.cmd

```
M0&5C:&\@;V9F#0H-"F-A;&P@.DUY3&%B96P-"@T*96-H;R!4:&ES(&QI;F4@
M<VAO=6QD(&YE=F5R(&)E(')E86-H960-"@T*9V]T;R Z14]&#0H-"CI->4QA
M8F5L#0H-"FEF($Y/5" B)7XQ(CT](G5N:VYO=VYO<'1I;VXB("@-"B!E8VAO
M($AE;&QO(&9R;VT@<W5B<')O9W)A;0T*(&5X:70@+V(@,0T*(&=O=&\@.D5/
..1@T**0T*#0H@#0H@#0H`
`
```

end

.