

## Re: Folder depth & cacls

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.file\\_system/2005-07/msg00121.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.file_system/2005-07/msg00121.html)

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- *From:* Jerold Schulman <Jerry@xxxxxxxxxx>
  - *Date:* Fri, 15 Jul 2005 11:02:21 -0400
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On Fri, 15 Jul 2005 02:15:02 -0700, JAR <JAR@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

>I am trying to edit the permissions of two folder trees (on 2 servers) using  
>either cacls or xcacls (want to add permissions for a specific group so don't  
>>want to use the GUI) and am hitting a problem related to the folder depth  
>and/or path length. The process runs so far but then fails and I'm pretty  
>sure it's related to the depth of some folders.  
>  
>Getting either "The data area passed to a system call is too small" or "The  
>filename, directory name, or volume label syntax is incorrect." depending on  
>which server I run it on.  
>  
>If I knew that it was only affecting a couple of folders I would just go  
>down one level and run the command there but I know this is NOT the case as  
>there are a LOT of folders to run through.  
>  
>Does anyone have any ideas for a workaround for this – maybe using a script  
>or something ?  
>  
>Thanks  
>  
>

See if something like this works:

```
@echo off
setlocal
set work=C:\Folder
pushd "%work%"
@echo Y| CALCS "%work%" /E /C /G ...
for /f "Tokens=*" %%a in ('dir /b /a /s') do (
call :sub "%%a"
)
endlocal
goto :EOF
:sub
set fold=%~DP1
if /i "%fold%" EQU "%work%" goto sub1
```

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```
pushd "%fold%"
set work=%fold%
@echo Y| CALCS "%work%" /E /C /G ....
:sub1
set file=%~nx1
@echo Y| CALCS "%file%" /E /C /G ....
..
.
```

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• **References:**

- ◆ **Folder depth & cacls**  
◇ From: JAR

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