

%%G is a good choice because it does not conflict with any of the pathname format letters (a, d, f, n, p, s, t, x) and provides the longest run of non-conflicting letters for use as implicit parameters.

G > H > I > J > K > L > M

Format letters are case sensitive, so using a capital letter is also a good way to avoid conflicts %%A rather than %%a.

If you need a lot of parameter letters, the full list from low to high is:

> ? @ ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^ `abcdefghijklmnopqrstuvwxyz{|}

Starting at %A, you can use 29 characters before having to escape any punctuation letters. [source]

Using variables within a FOR loop

Variables are expanded at the start of a FOR loop and don't update until the entire DO section has completed. The following example counts the files in the current folder, but %count% always returns 1:

```
@echo off
SET count=1
  FOR /f "tokens=*" %%G IN ('dir /b') DO (
  echo %count%:%%G
  set /a count+=1 )
```

To update variables within each iteration of the loop we must either use EnableDelayedExpansion or else use the CALL: subroutine mechanism as shown below:

@echo off SET count=1 FOR /f "tokens=*" %%G IN ('dir /b') DO (call :subroutine "%%G") GOTO :eof :subroutine echo %count%:%1 set /a count+=1 GOTO :eof

Nested FOR commands

FOR commands can be nested FOR %G... DO (for %%U... do ...) when nesting commands choose a different letter for each part. you can then refer to both parameters in the final DO command.

For an example of exiting the inner loop of two nested FOR loops, see the EXIT page.

Errorlevels

FOR does not, by itself, set or c One exception is using a wildca

FOR is an internal command. If Command Extensions are disabled. (set) DO command [command-param

Examples

Extrach words from a sentence and E

FOR /F "tokens=1-5" %%A

will result in the output: This is sho

Create a set of 26 folders, one for each

FOR %%G IN (a,b,c,d,e,f,

"Those who cannot remember the p

Related commands

FOR - Loop through a set of files in or FOR /R - Loop through files (recurse : FOR /D - Loop through several folders FOR /L - Loop through a range of num FOR /F - Loop through items in a text

FOR /F - Loop through the output of a

Parameters/arguments %~ options. FORFILES - Batch process multiple files.

GOTO - Direct a batch program to jump to a labelled line.

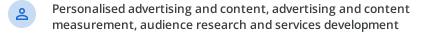
IF - Conditionally perform a command .

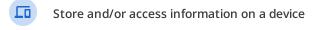
Equivalent PowerShell: ForEach-Object - Loop for each object in the pipeline.

Equivalent bash command (Linux): awk or read (in a loop) - Read a line from standard input.

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EVEL% = 5

ables: FOR %%parameter IN

%G)

(i)