

Settings

SETLOCAL ENABLEDELAYEDEXPANSION

Enable delayed environment variable expansion.

For loop

FOR %variable IN (set) DO command
[command-parameters]

FOR /D

FOR /R

FOR /L

Loop against a set of files

FOR /F ["options"] %%parameter IN
(filename|set|"Text String") DO command

options:

delims=xxx - The delimiter character(s) (default = a space)

skip=n - A number of lines to skip at the beginning of the file. (default = 0)

eol=-; - Character at the start of each line to indicate a comment (default = semicolon)

tokens=n - Specifies which numbered items to read from each line (default = 1)

usebackq

1) Use the alternate quoting style:

2) Use double quotes for long file names in "filename|set".

3) Use single quotes for 'Text string to process'

4) Use back quotes for command to process

Examples:

```
FOR %%a IN (%*) DO ECHO %%a
```

Choice

**Creates a pause for 2 seconds

```
CHOICE /T 2 /D Y > NUL
```

Batch Parameters Modifiers

%~1 - expands %1 removing any surrounding quotes ("")

%~f1 - expands %1 to a fully qualified path name

%~d1 - expands %1 to a drive letter only

%~p1 - expands %1 to a path only

%~n1 - expands %1 to a file name only

%~x1 - expands %1 to a file extension only

%~s1 - expanded path contains short names only

%~a1 - expands %1 to file attributes

%~t1 - expands %1 to date/time of file

%~z1 - expands %1 to size of file

The modifiers can be combined to get

compound results:

%~dp1 - expands %1 to a drive letter and path only

%~nx1 - expands %1 to a file name and extension only

Changing a file extension to create a log file name:

```
SET MyLogFile=%~dpn0.log
```

Service Control

Status query a service on a machine

```
SC localhost QUERY WPCSvc
```

Stop a service on a machine

```
SC \\SERVERNAME STOP WPCSvc
```



By kippg

cheatography.com/kippg/

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