

# Windows Batch Scripting Cheat Sheet by kippg via cheatography.com/19080/cs/2875/

### 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 (filenameset|"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) usebacko

- 1) Use the alternate quoting style:
- 2) Use double quotes for long file names in "filenameset".
- 3) Use single quotes for 'Text string to process'
- 4) Use back quotes for command to process

#### Examples:

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

#### Choic

\*\*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

%~p1 - expands %1 to a path only

 $^{\sim}x1$  - 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:

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** 

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Not published yet.

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Page 1 of 1.

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