

## Re: script log file (how)

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.scripting/2007-01/msg00193.html>

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- *From:* "Steven" <[sdixon@xxxxxxxxxxxxxxxx](mailto:sdixon@xxxxxxxxxxxxxxxx)>
  - *Date:* Fri, 26 Jan 2007 10:40:03 -0800
- 

I didn't know "is larger than" and "size" were shell key words until now. I'll test it out when I get a chance. Maybe I'll just have the script create log archives after they grow to a certain size and purge the oldest logs after a certain point (maybe one working log and one archive). Thanks.

"Jeffery Hicks" <[jhicks\[at\]SAPIEN.com](mailto:jhicks[at]SAPIEN.com)> wrote in message <news:1g93k4j4f4ot3.1cgtxp906f14s.dlg@xxxxxxxxxxxxxxxx>

On Thu, 25 Jan 2007 20:06:25 -0800, Steven wrote:

I have a DOS batch file I use for backing up certain files and then burning them to DVD's using nero once a week. The problem with my original script was that it didn't keep any logs of what it did and/or when it fails. If anything fails I had to investigate it manually (time consuming).

I've since modified it to redirect any "console" output to a text file and inserted "you are here" type ECHO's through the script. The output also creates a new log file every year so a single log file doesn't get too big if no one ever purges it. Now I have a record of the previous 1 to 52 runs but the logs eventually take up space and become difficult to work with.

I want to modify the script to maintain a single log file and purge old records as needed. I want it to be self contained and not grow out of control.

Q1: Is there an easy way to keep an ongoing record of previous runs in a log file AND also prevent the log file from ballooning into a huge file (I want it be a maximum size of 1 MB, or only keep a certain number of runs if

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possible)?

Here is a snippet of the script I run (working portions removed for brevity):

```
[start]
echo start
echo copy files into archive
echo burn archive using nerocmd.exe
echo done
[end]
```

```
command= c:\scripts\burnit.bat >> burnit_log_%date:~10,4%.txt
```

Result:

- creates a "burnit\_log\_2007.txt" file and appends all output that would normally be printed to the screen during each run
- burnit\_log\_2007.txt can grow to a large size if problems are encountered

or

the file is never purged

That's going to be difficult to do with a batch file. There isn't an easy way to treat the text file as a database which is what it seems you're trying to do. Now you could check the size of the file and if exceeds a specified threshold, then whack it and start a new one. Here's an old batch file that takes a filename and size as parameters. If the file size exceeds the parameter it displays a message.

```
@echo off
::CHKSIZE.BAT
if %1$==$ GOTO :Error
if %2$==$ GOTO :Error

SET TARGET=%1
SET SIZE=%2

for /f "tokens=2 delims=)" %%i in ('dir /-c %TARGET% ^|find /i
"bytes" ^|find /v
/i "free") do @set Z=%%i

for /f "tokens=1 delims=b" %%i in ('echo %Z%') do @set Z=%%i

if %Z% GEQ %SIZE% ECHO %TARGET% is larger than %SIZE% bytes
REM instead of GEQ you could substitute:
REM use LEQ for less than or equal to
REM use EQU for equal to
REM use LSS for less than
REM use GTR for greater than
SET TARGET=
SET SIZE=
SET Z=
```

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```
GOTO :EOF
```

```
:ERROR
```

```
Echo Missing Parameter!
```

```
echo USAGE: %0 filename size_threshold_bytes
```

```
echo Example %0 c:\files\log.txt 1024
```

```
:EOF
```

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Jeffery Hicks

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