batch script - read line by line

I have a log file which I need to read in, line by line and pipe the line to a next loop.

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Firstly I grep the logfile for the "main" word (like "error") in a separate file - to keep it small. Now I need to take the seperate file and read it in line by line - each line needs to go to another loop (in these loop I grep the logs and divide it in blocks) but I stuck here.

The log looks like

★

```
xx.xx.xx.xx - - "http://www.blub.com/something/id=?searchword-yes-no" 200 -
"something_else"
```

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with a for /f loop I just get the IP instead of the complete line.

How can I pipe/write/buffer the whole line? (doesn't matter what is written per line)

batch-file

edited Jun 23 '17 at 15:42   asked Dec 24 '10 at 18:51

ROMANIA_engineer   pille
36k   20   161   150   **161**   1   2   4

possible duplicate of [DOS batch files: How to read a file?](#) – Ignacio Vazquez-Abrams Dec 24 '10 at 18:57

3 Answers

Try this:

because of the `tokens=*` everything is captured into `%a`

edit: to reply to your comment, you would have to do that this way:

```
@echo off
for /f "tokens=*" %%a in (input.txt) do call :processline %%a

pause
goto :eof

:processline
echo line=%*

goto :eof

:eof
```

Because of the spaces, you can't use `%1` , because that would only contain the part until the first space. And because the line contains quotes, you can also not use `:processline "%%a"` in combination with `%~1` . So you need to use `%*` which gets `%1 %2 %3 ...` , so the whole line.

edited Dec 25 '10 at 11:38   answered Dec 24 '10 at 19:00

wimh
13k   4   36   75

thx - works perfect. could you explain why following statement did not work for /F %%f in (searchpattern.txt) do (call :PROCESS4 %%f) GOTO END4 :PROCESS4 set var4=%1 goto end4 :end4 its basicly the same. i understand that without a definde "tokens" it will take the whole line put it in the var4 and i could work with it. but why it do not work please bring light in the darkness thank you – pille Dec 25 '10 at 10:35

@user553499, I edited my answer explaining how to do this in combination with call. – wimh Dec 25 '10 at 11:39

thank you so much - have a nice christmas time – pille   Dec 25 '10 at 12:07

The "call" solution has some problems.

```
three & 333
four=444
five"555"555"
six"&666
seven!777^!
the next line is empty

the end
```

Therefore you shouldn't use the value of `%%a` with a call, better move it to a variable and then call a function with only the name of the variable.

```
@echo off
SETLOCAL DisableDelayedExpansion
FOR /F "usebackq delims=" %%a in (`"findstr /n ^^ t.txt"`) do (
    set "myVar=%%a"
    call :processLine myVar
)
goto :eof

:processLine
SETLOCAL EnableDelayedExpansion
set "line=!%1!"
set "line=!line:*:=!"
echo(!line!
ENDLOCAL
goto :eof
```

edited Mar 24 '14 at 21:38   answered Dec 25 '10 at 18:21

jeb
59.4k   13   137   178

This has worked for me in the past and it will even expand environment variables in the file if it can.

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```
for /F "delims=" %%a in (LogName.txt) do (
    echo %%a>>MyDestination.txt
```

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Question is not clear – Albin Joseph Aug 19 '14 at 2:19

10　I wasn't asking a question, I was answering it. So I guess the answer was not clear. :) – Eddie Garcia Sep 1 '14 at 3:23

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