

Forum:[Hack Forums](#)

Thread: - [Batch Characters - Characters that causes errors when tried to echo -](#)

DAVEologist - October 28, 2012, 12:43 am

What are characters that would cause errors when tried echoing?

For example...

Code echo Hello! I love putting |'s on my thread titles!

pause

It would close automatically because of the pipe, (|) that I put.

So that's only one character. Any other characters?

AMDjack - October 28, 2012, 1:30 am

(Oct 28, 2012 12:43 AM)DAVEologist Wrote: [\[CITE\]](#) What are characters that would cause errors when tried echoing?

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So that's only one character. Any other characters?

To get past that put a ^ in front of it IE: ^| and it will work.

WOLGA - October 28, 2012, 1:39 am

He trying to figure out the characters that give the error.

try echoing these

:[]zxcvbnm,./@!#\$%^&*()_{}<>"+àáâãäåæçèéêëìíîïðñòóôõöøœùúûüýÿþßšžaaacccdeeeeegggghiiiij
klIlInnnorrsstuuuuzzf dždzt????????u??
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LLNNNORRSSTUUUZZfDŽDZT??
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¼½¾=><=>??*****??????

DAVEologist - October 28, 2012, 2:14 am

(Oct 28, 2012 01:39 AM)Qwertyuiopasdfghjklzxc Wrote: [\[CITE\]](#) He trying to figure out the characters that give the error.

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LLNNNORRSSTUUUZZfDŽDZT??
????????????????????¿¡<-->???@S¶†‡||—□\$¢£¥™©®×÷=±?f^{0a}«»~„™™™^???,?~'''μ^{o123}??•...¬°%‰
¼½¾=><=>??*****??????

Uhhh... can you please choose non-unicode text? I can't save my Batch file with those.

SoulByte - October 28, 2012, 3:17 am

The characters are these: ^<>%&|

The quote character " can also cause trouble in certain circumstances though not in echo.

The following script would crash:

```
Code set abc=hello"world
```

```
if "%abc%"=="bla" echo Bla
```

Parentheses () can also ruin grouping of commands.

This script would also crash as the) in the echo would end the grouping before the programmer had intended.

```
Code if 1==1 (
```

```
    echo Hello ) World
```

```
    pause>nul
```

```
)
```

And you can't display ! with delayedexpansion enabled.

```
Code setlocal enabledelayedexpansion
```

```
echo Hello World!
```

You can use the escape character ^ to display these special characters (except !).

DAVEologist - October 28, 2012, 4:32 am

(Oct 28, 2012 03:17 AM)SoulByte Wrote: [\[CITE\]](#) The characters are these: ^<>%&|

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Code setlocal enabledelayedexpansion
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```
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```

You can use the escape character ^ to display these special characters (except !).

Cool. Very useful indeed. :)

Thanks for the share!

G T X - October 28, 2012, 1:32 pm

(Oct 28, 2012 03:17 AM)SoulByte Wrote: [\[CITE\]](#) And you can't display ! with delayedexpansion enabled.

You can use the escape character ^ to display these special characters (except !).

You can display the exclamation mark by escaping it three times.

```
Code @echo off
```

```
setlocal enabledelayedexpansion
```

```
echo Hello World^^^!
```

White Light - October 28, 2012, 2:44 pm

(Oct 28, 2012 01:32 PM)G T X Wrote: [\[CITE\]](#) You can display the exclamation mark by escaping it three times.

```
Code @echo off
setlocal enabledelayedexpansion
echo Hello World^^^!
```

I tried that before and it didn't work for me...the only way I could get it to work was to disable setlocal.

SIM-1073426 - October 28, 2012, 2:48 pm

(Oct 28, 2012 01:32 PM)G T X Wrote: [\[CITE\]](#) You can display the exclamation mark by escaping it three times.

```
Code @echo off
setlocal enabledelayedexpansion
echo Hello World^^^!
```

Actually, you only need to escape it two times.

```
Code @echo off
setlocal enabledelayedexpansion
echo Hello World^^!
```

White Light - October 28, 2012, 5:14 pm

(Oct 28, 2012 02:48 PM)Aces. Wrote: [\[CITE\]](#) Actually, you only need to escape it two times.

```
Code @echo off
setlocal enabledelayedexpansion
echo Hello World^^!
```

Since the normal functionality of the caret would cause it to protect itself, then it later has the ability to protect the ! then I guess that would be the easiest solution. Any more than 3 would cause extra carets to be displayed, and the third would do nothing (as it doesn't normally show up when it is protecting something).