

Table Of Contents

Table Of Contents .....	1
Display one line .....	2
Reverse one line .....	2

[Home](#) > [Faq](#) > [BASH Shell](#)

## Shell script reverse lines of a file

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**Q.** How do I reverse lines of a file under Linux / UNIX bash shell?

**A.** You need to use the rev utility or command. It copies the specified files to the standard output, reversing the order of characters in every line. If no files are specified, the standard input is read.



[1]

## Display one line

```
tail -1 /etc/passwd
```

Output:

```
dnsmasq:x:111:65534:dnsmasq,,,:/var/lib/misc:/bin/false
```

## Reverse one line

```
$ tail -1 /etc/passwd | rev
```

Output:

```
eslaf/nib/:csim/bil/rav/:::,qsamsnd:43556:111:x:qsamsnd
```

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