

How to Convert the Comma(s) into the Space(s) on a Linux File?

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[The previous article](#) explained how to convert spaces into commas in a Linux file. This article will explain how to convert a comma into a space on Linux.

Problem

How to convert the comma(s) into the space(s) on a Linux file?

Solution

For example, you have a **test.txt** file as shown below:

```
sysadmin@Ubuntu2404:~$ cat test.txt
Ubuntu,Debian,CentOS,Red,Gentoo,Fedora,OpenSUSE,Scientific,CloudLinux,Elementary,
sysadmin@Ubuntu2404:~$
```



The test.txt file

So that the file is a comma sign into a space, then use the command below:

```
cat test.txt | tr ',' ' '
```

So the results will be like the picture below:

```
sysadmin@Ubuntu2404:~$ cat test.txt
Ubuntu,Debian,CentOS,Red,Gentoo,Fedora,OpenSUSE,Scientific,CloudLinux,Elementary,
sysadmin@Ubuntu2404:~$
sysadmin@Ubuntu2404:~$ cat test.txt | tr ',' ' '
Ubuntu Debian CentOS Red Gentoo Fedora OpenSUSE Scientific CloudLinux Elementary
sysadmin@Ubuntu2404:~$
```



Convert the comma to a space using the tr command

You can also use the command below to convert the comma(s) to the space(s):

```
sysadmin@Ubuntu2404:~$ cat test.txt
Ubuntu,Debian,CentOS,Red,Gentoo,Fedora,OpenSUSE,Scientific,CloudLinux,Elementary,
sysadmin@Ubuntu2404:~$
sysadmin@Ubuntu2404:~$ sed 's/,/ /g' test.txt
Ubuntu Debian CentOS Red Gentoo Fedora OpenSUSE Scientific CloudLinux Elementary
sysadmin@Ubuntu2404:~$
```

Convert the comma to a space using the sed command

Note

If your file uses other symbols besides the comma symbol, for example, the symbol of the colon(:), just change the comma into a colon on the two commands above. For example, if you use the tr command, then use the command below:

```
cat test.txt | tr ':' ' '
```

And the file should be as shown below:

```
sysadmin@Ubuntu2404:~$ cat test.txt
Ubuntu:Debian:CentOS:Red:Gentoo:Fedora:OpenSUSE:Scientific:CloudLinux:Elementary:
sysadmin@Ubuntu2404:~$
sysadmin@Ubuntu2404:~$ cat test.txt | tr ':' ' '
Ubuntu Debian CentOS Red Gentoo Fedora OpenSUSE Scientific CloudLinux Elementary
sysadmin@Ubuntu2404:~$
```

Change the colon(s) to a space

References

stackoverflow.com

phoenixnap.com