

Linux Tips and Tricks

Convert File from Dos to Linux (unix)

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https://www.youtube.com/channel/UCzFVdZ4L9W-sEEWv_JHHmwQ

There are multiple ways to convert file from dos to linux and vice-versa.

I will try to cover most of them in this post

The main reason to convert the file is because windows add control-m at the end of each line, which is problematic in linux because it will be interpreted as a character as the rest of the line and will eventually make some scripts failed.

To see if a file contain control-m all you need to do is :

- 1- `cat -v filename`
- 2- `vi filename`

To transfer a file without windows adding those dreaded control-m just transfer the file in ascii mode.

1 – Using ‘dos2unix’ and ‘unix2dos’ (the easiest method if dos2unix is installed on your system)

- a. `dos2unix filename` ---- To remove control-m
- b. `Unix2dos filename` ---- To put back control-m at the end of the line

2- Using ‘tr’

- a. `tr -d '\r' < file_to_modify > resulting_file`
- b. `tr -d '^M' < file_to_modify > resulting_file` ---- To do the ^M , you need to press [ctrl]+v followed by [ctrl]+m
- c. in both case after you need to move back the resulting file into the original file

3- Using ‘vi’

- Very easy also , if the file is not too big
- a. `vi filename` --- Position yourself on the first line
 - b. `:%s/^M//g` --- Then press enter , and voila !

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