**NAME**

cut − remove sections from each line of files

**SYNOPSIS**

**cut** [*OPTION*]... [*FILE*]...

**DESCRIPTION**

Print selected parts of lines from each FILE to standard output.

Mandatory arguments to long options are mandatory for short options too.

**−b**, **−−bytes**=*LIST*

output only these bytes

**−c**, **−−characters**=*LIST*

output only these characters

**−d**, **−−delimiter**=*DELIM*

use DELIM instead of TAB for field delimiter

**−f**, **−−fields**=*LIST*

output only these fields;  also print any line that contains no delimiter character, unless the **−s** option is specified

**−n**   with **−b**: don't split multibyte characters

**−s**, **−−only−delimited**

do not print lines not containing delimiters

**−−output−delimiter**=*STRING*

use STRING as the output delimiter the default is to use the input delimiter

**−−help** display this help and exit

**−−version**

output version information and exit

Use one, and only one of **−b**, **−c** or **−f**. Each LIST is made up of one range, or many ranges separated by commas.  Each range is one of:

N   N'th byte, character or field, counted from 1

N-   from N'th byte, character or field, to end of line

N-M  from N'th to M'th (included) byte, character or field

**−M**  from first to M'th (included) byte, character or field

With no FILE, or when FILE is -, read standard input.

**AUTHOR**

Written by David Ihnat, David MacKenzie, and Jim Meyering.

**REPORTING BUGS**

Report bugs to <bug-coreutils@gnu.org>.

**COPYRIGHT**

Copyright © 2002 Free Software Foundation, Inc.
This is free software; see the source for copying conditions.  There is NO warranty; not even for MER-CHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

**SEE ALSO**

The full documentation for **cut** is maintained as a Texinfo manual.  If the **info** and **cut** programs are properly installed at your site, the command

**info cut**

should give you access to the complete manual.