# GNU/LINUX

UNIQ(1) User Commands

**NAME**

uniq - report or omit repeated lines

**SYNOPSIS**

**uniq** [OPTION]... [INPUT [OUTPUT]]

**DESCRIPTION**

Filter adjacent matching lines from INPUT (or standard input), writing to OUTPUT (or

standard output).

With no options, matching lines are merged to the first occurrence.

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

**-c**, **--count**

prefix lines by the number of occurrences

**-d**, **--repeated**

only print duplicate lines, one for each group

**-D** print all duplicate lines

**--all-repeated**[=METHOD]

like **-D**, but allow separating groups with an empty line; METHOD={none(de‐

fault),prepend,separate}

**-f**, **--skip-fields**=N

avoid comparing the first N fields

**--group**[=METHOD]

show all items, separating groups with an empty line; METHOD={separate(de‐

fault),prepend,append,both}

**-i**, **--ignore-case**

ignore differences in case when comparing

**-s**, **--skip-chars**=N

avoid comparing the first N characters

**-u**, **--unique**

only print unique lines

**-z**, **--zero-terminated**

line delimiter is NUL, not newline

**-w**, **--check-chars**=N

compare no more than N characters in lines

**--help** display this help and exit

**--version**

output version information and exit

A field is a run of blanks (usually spaces and/or TABs), then non-blank characters.

Fields are skipped before chars.

Note: 'uniq' does not detect repeated lines unless they are adjacent. You may want to

## sort the input first, or use 'sort -u' without 'uniq'.

**ubuntu@sw-vm-301**:**~**$ cat > demo.txt

ubuntu

ubuntu

ubuntu

fedora

fedora

fedora

centos

centos

redhat

redhat

debian

debian^C

**ubuntu@sw-vm-301**:**~**$ uniq demo.txt

ubuntu

fedora

centos

redhat

debian

**ubuntu@sw-vm-301**:**~**$ uniq demo.txt >uniq\_output.txt

**ubuntu@sw-vm-301**:**~**$ ls

**Linux-3.2.3.7.sh** cafile.pem **d.txt** **falcon-sensor\_7.17.0-17005\_amd64.deb** vorted.txt

**a.txt** client.crt demo.txt sorted.txt z.txt

**b.txt** client.key **e.txt** uniq\_output.txt zorted.txt

**c.txt** config.json **f.txt** v.txt

**ubuntu@sw-vm-301**:**~**$ uniq -u demo.txt

debian

**ubuntu@sw-vm-301**:**~**$ uniq -D demo.txt

ubuntu

ubuntu

ubuntu

fedora

fedora

fedora

centos

centos

redhat

redhat

**ubuntu@sw-vm-301**:**~**$ uniq -s 3 demo.txt

ubuntu

fedora

centos

redhat

debian

**ubuntu@sw-vm-301**:**~**$ uniq -w 4 demo.txt

ubuntu

fedora

centos

redhat

debian

**ubuntu@sw-vm-301**:**~**$ uniq zorted.txt

:

address sizes : 46 bits physical, 48 bits virtual

apicid : 0

bogomips : 4800.02

cache size : 30720 KB

cache\_alignment : 64

clflush size : 64

core id : 0

cpu MHz : 2399.775

cpu cores : 1

cpu family : 6

cpuid level : 13

fpu : yes

fpu\_exception : yes

initial apicid : 0

microcode : 0x49

model : 63

model name : Intel(R) Xeon(R) CPU E5-2676 v3 @ 2.40GHz

physical id : 0

power management:

processor : 0

siblings : 1

stepping : 2

vendor\_id : GenuineIntel

wp : yes

nantha

nitha

varta mama

nantha

hellow man

who are you

kjanskjnd

kjanskdjnakd

bjn

jahbshdb

**ubuntu@sw-vm-301**:**~**$ uniq -u zorted.txt

:

address sizes : 46 bits physical, 48 bits virtual

apicid : 0

bogomips : 4800.02

cache size : 30720 KB

cache\_alignment : 64

clflush size : 64

core id : 0

cpu MHz : 2399.775

cpu cores : 1

cpu family : 6

cpuid level : 13

fpu : yes

fpu\_exception : yes

initial apicid : 0

microcode : 0x49

model : 63

model name : Intel(R) Xeon(R) CPU E5-2676 v3 @ 2.40GHz

physical id : 0

power management:

processor : 0

siblings : 1

stepping : 2

vendor\_id : GenuineIntel

wp : yes

nantha

nitha

varta mama

nantha

hellow man

who are you

kjanskjnd

kjanskdjnakd

bjn

jahbshdb

**ubuntu@sw-vm-301**:**~**$ uniq -c zorted.txt

1 :

1 address sizes : 46 bits physical, 48 bits virtual

1 apicid : 0

1 bogomips : 4800.02

1 cache size : 30720 KB

1 cache\_alignment : 64

1 clflush size : 64

1 core id : 0

1 cpu MHz : 2399.775

1 cpu cores : 1

1 cpu family : 6

1 cpuid level : 13

1 fpu : yes

1 fpu\_exception : yes

1 initial apicid : 0

1 microcode : 0x49

1 model : 63

1 model name : Intel(R) Xeon(R) CPU E5-2676 v3 @ 2.40GHz

1 physical id : 0

1 power management:

1 processor : 0

1 siblings : 1

1 stepping : 2

1 vendor\_id : GenuineIntel

1 wp : yes

1 nantha

1 nitha

1 varta mama

1

1 nantha

1 hellow man

1 who are you

2

1 kjanskjnd

1 kjanskdjnakd

1 bjn

3

1 jahbshdb

**ubuntu@sw-vm-301**:**~**$ uniq -i demo.txt

ubuntu

fedora

centos

redhat

debian

**ubuntu@sw-vm-301**:**~**$ cat demo.txt

ubuntu

ubuntu

ubuntu

fedora

fedora

fedora

centos

centos

redhat

redhat

debian

CUT(1) User Commands CUT(1)

**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.

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

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

**-b**, **--bytes**=LIST

select only these bytes

**-c**, **--characters**=LIST

select only these characters

**-d**, **--delimiter**=DELIM

use DELIM instead of TAB for field delimiter

**-f**, **--fields**=LIST

select only these fields; also print any line that contains no delimiter charac‐

ter, unless the **-s** option is specified

**-n** (ignored)

**--complement**

complement the set of selected bytes, characters or fields

**-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

**-z**, **--zero-terminated**

line delimiter is NUL, not newline

**--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. Selected input is written in the same order that it is

read, and is written exactly once. 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

**AUTHOR**

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

Manual page cut(1) line 1 (press h for help or q to quit)

**ubuntu@sw-vm-301**:**~**$ cut -c1 demo.txt

u

u

u

f

f

f

c

c

r

r

d

**ubuntu@sw-vm-301**:**~**$ cut -c2 demo.txt

b

b

b

e

e

e

e

e

e

e

e

**ubuntu@sw-vm-301**:**~**$ cut -c3 demo.txt

u

u

u

d

d

d

n

n

d

d

b

**ubuntu@sw-vm-301**:**~**$ cut -c1-3 demo.txt

ubu

ubu

ubu

fed

fed

fed

cen

cen

red

red

deb

**ubuntu@sw-vm-301**:**~**$ cut -c2-8 demo.txt

buntu

buntu

buntu

edora

edora

edora

entos

entos

edhat

edhat

ebian

**ubuntu@sw-vm-301**:**~**$ cut -b1 demo.txt

u

u

u

f

f

f

c

c

r

FMT(1) User Commands FMT(1)

**NAME**

fmt - simple optimal text formatter

**SYNOPSIS**

**fmt** [-WIDTH] [OPTION]... [FILE]...

**DESCRIPTION**

Reformat each paragraph in the FILE(s), writing to standard output. The option **-WIDTH**

is an abbreviated form of **--width**=DIGITS.

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

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

**-c**, **--crown-margin**

preserve indentation of first two lines

**-p**, **--prefix**=STRING

reformat only lines beginning with STRING, reattaching the prefix to reformatted

lines

**-s**, **--split-only**

split long lines, but do not refill

**-t**, **--tagged-paragraph**

indentation of first line different from second

**-u**, **--uniform-spacing**

one space between words, two after sentences

**-w**, **--width**=WIDTH

maximum line width (default of 75 columns)

**-g**, **--goal**=WIDTH

goal width (default of 93% of width)

**--help** display this help and exit

**--version**

output version information and exit

**AUTHOR**

Written by Ross Paterson.

**REPORTING BUGS**

GNU coreutils online help: <https://www.gnu.org/software/coreutils/>

Report any translation bugs to <https://translationproject.org/team/>

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later <https://gnu.org/licenses/gpl.html>.

This is free software: you are free to change and redistribute it. There is NO WAR‐

RANTY, to the extent permitted by law.

**SEE ALSO**

Full documentation <https://www.gnu.org/software/coreutils/fmt>

or available locally via: info '(coreutils) fmt invocation'

GNU coreutils 9.4 April 2024 FMT(1)

**~**

**ubuntu@sw-vm-301**:**~**$ man fmt

**ubuntu@sw-vm-301**:**~**$ ls

**Linux-3.2.3.7.sh** cafile.pem **d.txt** **falcon-sensor\_7.17.0-17005\_amd64.deb** vorted.txt

**a.txt** client.crt demo.txt sorted.txt z.txt

**b.txt** client.key **e.txt** uniq\_output.txt zorted.txt

**c.txt** config.json **f.txt** v.txt

**ubuntu@sw-vm-301**:**~**$

**ubuntu@sw-vm-301**:**~**$

**ubuntu@sw-vm-301**:**~**$

**ubuntu@sw-vm-301**:**~**$ cat v.txt

bogomips : 4800.02

clflush size : 64

cache\_alignment : 64

address sizes : 46 bits physical, 48 bits virtual

power management:

**ubuntu@sw-vm-301**:**~**$ fmt v.txt

bogomips : 4800.02 clflush size : 64 cache\_alignment : 64

address sizes : 46 bits physical, 48 bits virtual power management:

**ubuntu@sw-vm-301**:**~**$

**Head and tail cmd for using first 5 lines and last 5 lines**

**Where we are using log analysis**

**ubuntu@sw-vm-301**:**~**$ head -5 demo.txt

ubuntu

ubuntu

ubuntu

fedora

fedora

**ubuntu@sw-vm-301**:**~**$ man head

**ubuntu@sw-vm-301**:**~**$ tail -5 demo.txt

centos

centos

redhat

redhat

debian