

**NAME**

cat - concatenate files and print on the standard output

**SYNOPSIS**

cat [*OPTION*]... [*FILE*]...

**DESCRIPTION**

Concatenate FILE(s), or standard input, to standard output.

- A, --show-all**  
equivalent to **-vET**
- b, --number-nonblank**  
number nonempty output lines, overrides **-n**
- e** equivalent to **-vE**
- E, --show-ends**  
display \$ at end of each line
- n, --number**  
number all output lines
- s, --squeeze-blank**  
suppress repeated empty output lines
- t** equivalent to **-vT**
- T, --show-tabs**  
display TAB characters as ^I
- u** (ignored)
- v, --show-nonprinting**  
use ^ and M- notation, except for LFD and TAB
- help** display this help and exit
- version**  
output version information and exit

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

**EXAMPLES**

- cat f - g  
Output f's contents, then standard input, then g's contents.
- cat  
Copy standard input to standard output.

**AUTHOR**

Written by Torbjorn Granlund and Richard M. Stallman.

**REPORTING BUGS**

GNU coreutils online help: <<http://www.gnu.org/software/coreutils/>>  
Report cat translation bugs to <<http://translationproject.org/team/>>

**COPYRIGHT**

Copyright 2014 Free Software Foundation, Inc. License GPLv3+: GNU GPL version 3 or later  
<<http://gnu.org/licenses/gpl.html>>.

This is free software: you are free to change and redistribute it. There is NO WARRANTY, to the extent permitted by law.

**SEE ALSO**

[tac\(1\)](#)

Full documentation at: <<http://www.gnu.org/software/coreutils/cat>>  
or available locally via: info (coreutils) cat invocation