



## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'printf.1' command***

### ***\$ man printf.1***

PRINTF(1) User Commands PRINTF(1)

#### NAME

printf - format and print data

#### SYNOPSIS

printf FORMAT [ARGUMENT]...

printf OPTION

#### DESCRIPTION

Print ARGUMENT(s) according to FORMAT, or execute according to OPTION:

--help display this help and exit

--version

output version information and exit

FORMAT controls the output as in C printf. Interpreted sequences are:

\ " double quote

\\ backslash

\a alert (BEL)

\b backspace

\c produce no further output

\e escape

\f form feed

\n new line

\r carriage return

\t horizontal tab

\v vertical tab

`\NNN` byte with octal value NNN (1 to 3 digits)

`\xHH` byte with hexadecimal value HH (1 to 2 digits)

`\uHHHH` Unicode (ISO/IEC 10646) character with hex value HHHH (4 digits)

`\UHHHHHHHH`

Unicode character with hex value HHHHHHHH (8 digits)

`%%` a single %

`%b` ARGUMENT as a string with `\` escapes interpreted, except that octal escapes are of the form `\0` or `\0NNN`

`%q` ARGUMENT is printed in a format that can be reused as shell input, escaping non-printable characters with the proposed POSIX `$"` syntax.

and all C format specifications ending with one of `dioxXfeEgGcs`, with ARGUMENTs converted to proper type first. Variable widths are handled.

NOTE: your shell may have its own version of `printf`, which usually supersedes the version described here. Please refer to your shell's documentation for details about the options it supports.

## AUTHOR

Written by David MacKenzie.

## 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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## SEE ALSO

`printf(3)`

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

or available locally via: `info '(coreutils) printf invocation'`