

NAME

install – copy files and set attributes

SYNOPSIS

install [*OPTION*]... [-*T*] *SOURCE DEST*

install [*OPTION*]... *SOURCE... DIRECTORY*

install [*OPTION*]... -*t* *DIRECTORY SOURCE...*

install [*OPTION*]... -*d* *DIRECTORY ...*

DESCRIPTION

This install program copies files (often just compiled) into destination locations you choose. If you want to download and install a ready-to-use package on a GNU/Linux system, you should instead be using a package manager like yum(1) or apt-get(1).

In the first three forms, copy *SOURCE* to *DEST* or multiple *SOURCE*(s) to the existing *DIRECTORY*, while setting permission modes and owner/group. In the 4th form, create all components of the given *DIRECTORY*(ies).

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

--backup[=*CONTROL*]

make a backup of each existing destination file

-b like **--backup** but does not accept an argument

-c (ignored)

-C, --compare

compare each pair of source and destination files, and in some cases, do not modify the destination at all

-d, --directory

treat all arguments as directory names; create all components of the specified directories

-D create all leading components of *DEST* except the last, or all components of **--target-directory**, then copy *SOURCE* to *DEST*

-g, --group=*GROUP*

set group ownership, instead of process' current group

-m, --mode=*MODE*

set permission mode (as in chmod), instead of rwxr-xr-x

-o, --owner=*OWNER*

set ownership (super-user only)

-p, --preserve-timestamps

apply access/modification times of *SOURCE* files to corresponding destination files

-s, --strip

strip symbol tables

--strip-program=*PROGRAM*

program used to strip binaries

-S, --suffix=*SUFFIX*

override the usual backup suffix

-t, --target-directory=*DIRECTORY*

copy all *SOURCE* arguments into *DIRECTORY*

-T, --no-target-directory

treat *DEST* as a normal file

- v, --verbose**
print the name of each directory as it is created
- preserve-context**
preserve SELinux security context
- Z** set SELinux security context of destination file and each created directory to default type
- context[=CTX]**
like **-Z**, or if CTX is specified then set the SELinux or SMACK security context to CTX
- help** display this help and exit
- version**
output version information and exit

The backup suffix is `'~'`, unless set with **--suffix** or `SIMPLE_BACKUP_SUFFIX`. The version control method may be selected via the **--backup** option or through the `VERSION_CONTROL` environment variable. Here are the values:

- none, off
never make backups (even if **--backup** is given)
- numbered, t
make numbered backups
- existing, nil
numbered if numbered backups exist, simple otherwise
- simple, never
always make simple backups

AUTHOR

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REPORTING BUGS

GNU coreutils online help: [<https://www.gnu.org/software/coreutils/>](https://www.gnu.org/software/coreutils/)
Report install translation bugs to [<https://translationproject.org/team/>](https://translationproject.org/team/)

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SEE ALSO

Full documentation at: [<https://www.gnu.org/software/coreutils/install>](https://www.gnu.org/software/coreutils/install)
or available locally via: `info '(coreutils) install invocation'`