

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

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/>>

COPYRIGHT

Copyright © 2020 Free Software Foundation, Inc. License GPLv3+: GNU GPL version 3 or later <<https://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

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