

**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, 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 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: <<http://www.gnu.org/software/coreutils/>>  
Report install translation bugs to <<http://translationproject.org/team/>>

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## SEE ALSO

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