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Rocky Enterprise Linux 9.2 Manual Pages on command 'cp.1'

\$ man cp.1

CP(1) User Commands CP(1)

NAME

cp - copy files and directories

SYNOPSIS

cp [OPTION]... [-T] SOURCE DEST

cp [OPTION]... SOURCE... DIRECTORY

cp [OPTION]... -t DIRECTORY SOURCE...

DESCRIPTION

Copy SOURCE to DEST, or multiple SOURCE(s) to DIRECTORY.

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

-a, --archive

same as -dR --preserve=all

--attributes-only

don't copy the file data, just the attributes

--backup[=CONTROL]

make a backup of each existing destination file

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

--copy-contents
copy contents of special files when recursive

-d same as --no-dereference --preserve=links

-f, --force
if an existing destination file cannot be opened, remove it and try again (this option is ignored when the -n option is also used)

-i, --interactive
prompt before overwrite (overrides a previous -n option)

-H follow command-line symbolic links in SOURCE

-l, --link
hard link files instead of copying

-L, --dereference
always follow symbolic links in SOURCE

-n, --no-clobber
do not overwrite an existing file (overrides a previous -i option)

-P, --no-dereference
never follow symbolic links in SOURCE

-p same as --preserve=mode,ownership,timestamps

--preserve[=ATTR_LIST]
preserve the specified attributes (default: mode,ownership,timestamps), if possible additional attributes: context, links, xattr, all

-c deprecated, same as --preserve=context

--no-preserve=ATTR_LIST
don't preserve the specified attributes

--parents
use full source file name under DIRECTORY

-R, -r, --recursive
copy directories recursively

--reflink[=WHEN]
control clone/CoW copies. See below

--remove-destination

remove each existing destination file before attempting to open it (contrast with --force)

--sparse=WHEN

control creation of sparse files. See below

--strip-trailing-slashes

remove any trailing slashes from each SOURCE argument

-s, --symbolic-link

make symbolic links instead of copying

-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

-u, --update

copy only when the SOURCE file is newer than the destination file or when the destination file is missing

-v, --verbose

explain what is being done

-x, --one-file-system

stay on this file system

-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

By default, sparse SOURCE files are detected by a crude heuristic and the corresponding DEST file is made sparse as well. That is the behavior selected by --sparse=auto. Specify --sparse=always to create a sparse DEST file whenever the SOURCE file contains a long enough se?

quence of zero bytes. Use `--sparse=never` to inhibit creation of sparse files.

When `--reflink[=always]` is specified, perform a lightweight copy, where the data blocks are copied only when modified. If this is not possible

the copy fails, or if `--reflink=auto` is specified, fall back to a stan?

dard copy. Use `--reflink=never` to ensure a standard copy is performed.

The backup suffix is '~', unless set with `--suffix` or `SIM?`

`PLE_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

As a special case, `cp` makes a backup of `SOURCE` when the force and backup options are given and `SOURCE` and `DEST` are the same name for an existing, regular file.

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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

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

or available locally via: info '(coreutils) cp invocation'

GNU coreutils 8.32

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