

**NAME**

chcon - change file security context

**SYNOPSIS**

**chcon** [*OPTION*]... *CONTEXT FILE*...

**chcon** [*OPTION*]... [-*u USER*] [-*r ROLE*] [-*l RANGE*] [-*t TYPE*] *FILE*...

**chcon** [*OPTION*]... --*reference=RFILE FILE*...

**DESCRIPTION**

Change the SELinux security context of each *FILE* to *CONTEXT*. With --**reference**, change the security context of each *FILE* to that of *RFILE*.

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

**--dereference**

affect the referent of each symbolic link (this is the default), rather than the symbolic link itself

**-h, --no-dereference**

affect symbolic links instead of any referenced file

**-u, --user=USER**

set user *USER* in the target security context

**-r, --role=ROLE**

set role *ROLE* in the target security context

**-t, --type=TYPE**

set type *TYPE* in the target security context

**-l, --range=RANGE**

set range *RANGE* in the target security context

**--no-preserve-root**

do not treat '/' specially (the default)

**--preserve-root**

fail to operate recursively on '/'

**--reference=RFILE**

use *RFILE*'s security context rather than specifying a *CONTEXT* value

**-R, --recursive**

operate on files and directories recursively

**-v, --verbose**

output a diagnostic for every file processed

The following options modify how a hierarchy is traversed when the **-R** option is also specified. If more than one is specified, only the final one takes effect.

**-H** if a command line argument is a symbolic link to a directory, traverse it

**-L** traverse every symbolic link to a directory encountered

**-P** do not traverse any symbolic links (default)

**--help** display this help and exit

**--version**

output version information and exit

**AUTHOR**

Written by Russell Coker and Jim Meyering.

**REPORTING BUGS**

GNU coreutils online help: <<http://www.gnu.org/software/coreutils/>>

Report chcon translation bugs to <<http://translationproject.org/team/>>

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**SEE ALSO**

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