Red Hat Enterprise Linux Release 9.2 Manual Pages on 'cracklib-format.8' command

$ man cracklib-format.8

cracklib-format(8)   Debian GNU/Linux manual   cracklib-format(8)

NAME

    cracklib-format, cracklib-packer, cracklib-unpacker - cracklib dictio?

    nary utilities

SYNOPSIS

    cracklib-format file ...

    cracklib-packer cracklib_dictpath

    cracklib-unpacker cracklib_dictpath

DESCRIPTION

    cracklib-format takes a list of text files each containing a list of

    words, one per line, It lowercases all words, removes control charac?

    ters, and sorts the lists. It outputs the cleaned up list to standard

    output. The text files may be optionally compressed with gzip(1).

    If you supply massive amounts of text to cracklib-format you must have

    enough free space available for use by the sort(1) command. If you do

    not have 20Mb free in /var/tmp (or whatever temporary area your sort(1)

    command uses), have a look at the /usr/sbin/cracklib-format program

    which is a sh(1) program. You can usually tweak the sort(1) command to

    use any large area of disk you desire, by use of the -T option. crack?

    lib-format has a hook for this.

    cracklib-packer reads from standard input a list of sorted and cleaned

    words and creates a database in the directory and prefix given by the

    command line argument cracklib_dictpath. Three files are created with

the suffixes of .hwm, .pwd, and .pwi. These three files are in the
format that the FascistCheck(3) subroutine, cracklib-unpacker(8), and
cracklib-check(8), utilities understand. The number of words read and
written are printed on stdout(3).

cracklib-unpacker reads from the database in the directory and prefix
given by the command line argument cracklib_dictpath and outputs on
standard output the list of words that make up the database.

The database is in a binary format generated by the utilities crack‐
lib-format(8) and cracklib-packer(8). On a Debian system the database
is located in the directory /var/cache/cracklib/cracklib_dict and is
generated daily with the program /etc/cron.daily/cracklib. The loca‐
tion is also defined in the header file crack.h using the constant
CRACKLIB_DICTPATH though none of the subroutines in the cracklib li‐
braries have this location hardcoded into their implementations.

FILES
/var/cache/cracklib/cracklib_dict.[hwm|pwd|pwi]
     cracklib dictionary database files used by utilities.

/etc/cron.daily/cracklib
     cracklib daily cron program to rebuild the cracklib dictionary
     database.

/etc/cracklib/cracklib.conf
     cracklib configuration file used by the cracklib daily cron pro‐
     gram to rebuild the cracklib dictionary database.

/usr/include/crack.h
     cracklib header file defining the subroutine FascistCheck(3) and
     the constant CRACKLIB_DICTPATH used to compile in the location
     of the cracklib dictionary database for these utilities.

/usr/sbin/cracklib-format
     cracklib shell script to create initial list of words for dic‐
     tionary database.

SEE ALSO
FascistCheck(3), cracklib-check(8), update-cracklib(8), create-crack‐
lib-dict(8)

/usr/share/doc/libcrack2/libcrack2.html

/usr/share/doc/cracklib-runtime/cracklib-runtime.html

AUTHOR

cracklib2 is written by Alec Muffett <alecm@crypto.dircon.co.uk>. Man?

ual added by Jean Pierre LeJacq <jplejacq@quoininc.com>.

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