



### ***Linux Ubuntu 22.4.5 Manual Pages on command 'mkpasswd.1'***

***\$ man mkpasswd.1***

MKPASSWD(1)                      Debian GNU/Linux                      MKPASSWD(1)

#### NAME

mkpasswd - Overfeatured front end to crypt(3)

#### SYNOPSIS

mkpasswd PASSWORD [SALT]

#### DESCRIPTION

mkpasswd encrypts the given password with the crypt(3) libc function, using the given salt.

#### OPTIONS

-S, --salt=STRING

Use the STRING as salt. If it begins with \$ then it will be passed straight to crypt(3) without any checks.

-R, --rounds=NUMBER

Use NUMBER rounds. This argument is ignored if the method chosen does not support variable rounds. For the OpenBSD Blowfish method this is the log<sub>2</sub> of the number of rounds. The behavior is undefined if this option is used without --method.

-m, --method=TYPE

Compute the password using the TYPE method. If TYPE is help then the list of available methods is printed. If TYPE begins and ends with \$ characters then the string is passed to crypt\_gensalt(3) as-is.

-5    Like --method=md5crypt.

-P NUM, --password-fd=NUM

Read the password from file descriptor NUM instead of using `getpass(3)`. If the file descriptor is not connected to a tty then no other text than the hashed password is printed on stdout.

-s, --stdin

Like `--password-fd=0`.

## ENVIRONMENT

MKPASSWD\_OPTIONS

A list of options which will be evaluated before the ones specified on the command line.

## BUGS

If the `--stdin` option is used then passwords containing some control characters may not be read correctly.

This programs suffers of a bad case of featuritis.

## SEE ALSO

`passwd(1)`, `passwd(5)`, `crypt(3)`, `crypt(5)`, `crypt_gensalt(3)`, `getpass(3)`.

## AUTHOR

`mkpasswd` and this man page were written by Marco d'Itri <md@linux.it> and are licensed under the terms of the GNU General Public License, version 2 or higher.

Marco d'Itri

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MKPASSWD(1)