

**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. It must not contain prefixes such as *\$1\$*.

**-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 logarithm 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 available methods are printed. If *TYPE* begins and end with *\$* characters then the string is passed to *crypt\_gensalt(3)* as-is.

**-5** Like *--method=md5*.

**-P, --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 message 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, 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**

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