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

\$ man tempfile.1

TEMPFILE(1) General Commands Manual TEMPFILE(1)

NAME

tempfile - create a temporary file in a safe manner

SYNOPSIS

```
tempfile [-d DIR] [-p STRING] [-s STRING] [-m MODE] [-n FILE] [--directory=DIR] [--pre?
fix=STRING] [--suffix=STRING] [--mode=MODE] [--name=FILE] [--help] [--version]
```

DESCRIPTION

tempfile creates a temporary file in a safe manner. It uses `mkstemp(3)` to choose the name and opens it with `O_RDWR | O_CREAT | O_EXCL`. The filename is printed on standard output.

The directory in which to create the file might be searched for in this order:

- a) In case the environment variable `TMPDIR` exists and contains the name of an appropriate directory, that is used.
- b) Otherwise, if the `--directory` argument is specified and appropriate, it is used.
- c) Otherwise, `P_tmpdir` (as defined in `<stdio.h>`) is used when appropriate.
- d) Finally an implementation-defined directory (`/tmp`) may be used.

OPTIONS

`-d, --directory DIR`

Place the file in `DIR`.

`-m, --mode MODE`

Open the file with `MODE` instead of `0600`.

`-n, --name FILE`

Use `FILE` for the name instead of `tempnam(3)`. The options `-d`, `-p`, and `-s` are ig?

nored if this option is given.

-p, --prefix STRING

Use up to five letters of STRING to generate the name.

-s, --suffix STRING

Generate the file with STRING as the suffix.

--help Print a usage message on standard output and exit successfully.

--version

Print version information on standard output and exit successfully.

RETURN VALUES

An exit status of 0 means the temporary file was created successfully. Any other exit status indicates an error.

BUGS

Exclusive creation is not guaranteed when creating files on NFS partitions. tempfile can? not make temporary directories. tempfile is deprecated; you should use mktemp(1) instead.

EXAMPLE

```
#!/bin/sh
#[...]
t=$(tempfile) || exit
trap "rm -f -- '$t'" EXIT
#[...]
rm -f -- "$t"
trap - EXIT
exit
```

SEE ALSO

tempnam(3), mktemp(1)

Debian

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