Rocky Enterprise Linux 9.2 Manual Pages on command 'savelog.8'

$ man savelog.8

SAVELOG(8)   System Manager's Manual   SAVELOG(8)

NAME

    savelog - save a log file

SYNOPSIS

    savelog [-m mode] [-u user] [-g group] [-t] [-p] [-c cycle] [-l] [-j] [-J] [-1 .. -9] [-C]

    [-d] [-l] [-r rolldir] [-n] [-q] [-D dateformat] file ...

DESCRIPTION

    The savelog command saves and optionally compresses old copies of files.   Older versions

    of file are named:

        file.<number><compress_suffix>

    where <number> is the version number, 0 being the newest. Version numbers > 0 are com?

    pressed unless -l prevents it. Version number 0 is not compressed because a process might

    still have file opened for I/O. Only cycle versions of the file are kept.

    If the file does not exist and -t was given, it will be created.

    For files that do exist and have lengths greater than zero, the following actions are per?

    formed:

    1)   Version numbered files are cycled. Version file.2 is moved to version file.3, ver?

          sion file.1 is moved to version file.2, and so on. Finally version file.0 is moved

          to version file.1, and version file is deleted. Both compressed names and uncom?

          pressed names are cycled, regardless of -l. Missing version files are ignored.

    2)   The new file.1 is compressed unless the -l flag was given. It is changed subject

          to the -m, -u, and -g flags.

    3)   The main file is moved to file.0.

4)   If the -m, -u, -g, -t, or -p flags are given, then an empty file is created sub?

ject to the given flags.   With the -p flag, the file is created with the same

owner, group, and permissions as before.

5)   The new file.0 is changed subject to the -m, -u, and -g flags.

OPTIONS

-m mode

chmod the log files to mode, implies -t

-u user

chown log files to user, implies -t

-g group

chgrp log files to group, implies -t

-c cycle

Save cycle versions of the logfile (default: 7). The cycle count must be at least

2.

-t   touch new logfile into existence

-l   don't compress any log files (default: do compress)

-p   preserve owner, group, and permissions of logfile

-j   compress with bzip2 instead of gzip

-J   compress with xz instead of gzip

For xz no strength option is set, and xz decides on the default based on the total

amount of physical RAM. Note that xz can use a very large amount of memory for the

higher compression levels.

-1 .. -9

compression strength or memory usage (default: 9, except for xz)

-C   force cleanup of cycled logfiles

-d   use standard date for rolling

-D dateformat

override date format, in the syntax understood by the date(1) command

-r   use rolldir instead of . to roll files

-n   do not rotate empty files

-q   be quiet

BUGS

If a process is still writing to file.0, and savelog moves it to file.1 and compresses it,

data could be lost.

SEE ALSO

logrotate(8)