NAME

savelog − cycle and truncate log files

SYNOPSIS

/usr/lib/smail/savelog [**−m** *mode*] [**−u** *user*] [**−g** *group*] [**−c** *cycle*] [**−t**] [**−l**] *logfile*

DESCRIPTION

The *savelog* command renames and optionally compresses a log file and cycles it through a set of names based on the original log file, removing the last name in the cycle.

OPTIONS

The *savelog* command accepts the following options:

−m *mode*
: Change the permissions mode for renamed log files to *mode*. By default the mode is unchanged.

−u *user*
: Change the owner for renamed log files to *user*. By default the owner is unchanged.

−g *group*
: Change the group for renamed log files to *group*. By default the group is unchanged.

−c *cycle*
: Save *cycle* versions of the logfile, where *cycle* is a decimal number. The default value is 7.

−l
: Do not compress log files. By default, a compression program is used, if one is available.

−t
: Ensure that a new logfile exists when the savelog operation is complete. Use of **−m**, **−u** or **−g** imply this, ensuring that the logfile will have the designated mode.

OPERATION

The given logfile is cycled through files named:

OLD/*file*.*number*

where *file* is the basename for the logfile and where *number* ranges from 0 to one less then the *cycle* count specified for the command. The *OLD* dirctory is created, as necessary, and is under the same directory as the logfile itself.

This cycle operation is accomplished by renaming the file numbered *cycle*-2 to a file numbered *cycle*-1 and so on until the file numbered 0 is renamed to the file numbered 1. If compression is being used, the first cycle file is compressed after being renamed to cycle 1. After the cycle files are moved through the various names, the filefile itself is moved to the cycle 0 file. This cycle normally occurs once every time *savelog* is executed. If the log file does not exist, savelog ignores it and does not cycle the OLD files.

If compression is being used, then compressed log files will have an additional suffix appropriate for the compression program that is used.

SEE ALSO

smail(5) and *smail*(8).

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