

## NAME

postlock – lock mail folder and execute command

## SYNOPSIS

**postlock** [**-c** *config\_dir*] [**-l** *lock\_style*]  
[**-v**] *file command...*

## DESCRIPTION

The **postlock**(1) command locks *file* for exclusive access, and executes *command*. The locking method is compatible with the Postfix UNIX-style local delivery agent.

Options:

**-c** *config\_dir*

Read the **main.cf** configuration file in the named directory instead of the default configuration directory.

**-l** *lock\_style*

Override the locking method specified via the **mailbox\_delivery\_lock** configuration parameter (see below).

**-v** Enable verbose logging for debugging purposes. Multiple **-v** options make the software increasingly verbose.

Arguments:

*file* A mailbox file. The user should have read/write permission.

*command...*

The command to execute while *file* is locked for exclusive access. The command is executed directly, i.e. without interpretation by a shell command interpreter.

## DIAGNOSTICS

The result status is 75 (EX\_TEMPFAIL) when **postlock**(1) could not perform the requested operation. Otherwise, the exit status is the exit status from the command.

## BUGS

With remote file systems, the ability to acquire a lock does not necessarily eliminate access conflicts. Avoid file access by processes running on different machines.

## ENVIRONMENT

**MAIL\_CONFIG**

Directory with Postfix configuration files.

**MAIL\_VERBOSE**

Enable verbose logging for debugging purposes.

## CONFIGURATION PARAMETERS

The following **main.cf** parameters are especially relevant to this program. The text below provides only a parameter summary. See **postconf**(5) for more details including examples.

## LOCKING CONTROLS

**deliver\_lock\_attempts** (20)

The maximal number of attempts to acquire an exclusive lock on a mailbox file or **bounce**(8) logfile.

**deliver\_lock\_delay** (1s)

The time between attempts to acquire an exclusive lock on a mailbox file or **bounce**(8) logfile.

**stale\_lock\_time** (500s)

The time after which a stale exclusive mailbox lockfile is removed.

**mailbox\_delivery\_lock** (see '**postconf -d**' output)

How to lock a UNIX-style **local**(8) mailbox before attempting delivery.

## **RESOURCE AND RATE CONTROLS**

### **fork\_attempts (5)**

The maximal number of attempts to fork() a child process.

### **fork\_delay (1s)**

The delay between attempts to fork() a child process.

## **MISCELLANEOUS CONTROLS**

### **config\_directory (see 'postconf -d' output)**

The default location of the Postfix main.cf and master.cf configuration files.

## **SEE ALSO**

postconf(5), configuration parameters

## **LICENSE**

The Secure Mailer license must be distributed with this software.

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