

**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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