

NAME

atrun - run jobs queued for later execution

SYNOPSIS

atrun [-l *load_avg*] [-d]

DESCRIPTION

Atrun runs jobs queued by at(1).

The system crontab(5) file */etc/crontab* must contain the line

```
* /5 * * * * root /usr/libexec/atrun
```

so **atrun** is invoked every five minutes.

At every invocation, **atrun** starts all the jobs in the lowercase queues whose start time has elapsed. In addition, if the load average over the last minute was less than the specified limit, then a maximum of one batch job (denoted by the uppercase queues) is started.

Before starting a job, **atrun** checks the status of its owner's account with pam(3) and refuses to run the job if the account is unavailable, e.g., locked out or expired.

OPTIONS

-l *load_avg*

Specify a limiting load factor, over which batch jobs should not be run, instead of the default of 1.5 * number of active CPUs.

-d Debug; print error messages to standard error instead of using syslog(3).

WARNINGS

For **atrun** to work, a cron(8) daemon must be running **atrun** periodically.

FILES

/etc/pam.d/atrun pam.conf(5) configuration file for **atrun**

/var/at/jobs Directory containing job files

/var/at/spool Directory containing output spool files

SEE ALSO

at(1), crontab(1), pam(3), syslog(3), crontab(5), pam.conf(5), cron(8)

BUGS

The functionality of **atrun** should be merged into cron(8).