NAME

queuedefs – queue description file for at, batch, and cron

SYNOPSIS

/etc/cron.d/queuedefs

DESCRIPTION

The **queuedefs** file describes the characteristics of the queues managed by **cron**(1M). Each non-comment line in this file describes one queue. The format of the lines are as follows:

q.[*njob*j][*nice*n][*nwait*w]

The fields in this line are:

q The name of the queue. **a** is the default queue for jobs started by **at**(1); **b** is the default queue for jobs started by **batch** (see **at**(1)); **c** is the default queue for jobs run from a **crontab**(1) file.

njob The maximum number of jobs that can be run simultaneously in that queue; if more than *njob* jobs are ready to run, only the first *njob* jobs will be run, and the others will be run as jobs that are currently running terminate. The default value is **100**.

nice The **nice**(1) value to give to all jobs in that queue that are not run with a user ID of super-user. The default value is **2**.

nwait The number of seconds to wait before rescheduling a job that was deferred because more than *njob* jobs were running in that job's queue, or because the system-wide limit of jobs executing has been reached. The default value is **60**.

Lines beginning with **#** are comments, and are ignored.

EXAMPLES

```
#
# @(#)queuedefs.4 1.11 94/06/29 SMI; from S5R4
#
a.4j1n
b.2j2n90w
```

This file specifies that the **a** queue, for **at** jobs, can have up to 4 jobs running simultaneously; those jobs will be run with a **nice** value of 1. As no *nwait* value was given, if a job cannot be run because too many other jobs are running **cron** will wait 60 seconds before trying again to run it.

The **b** queue, for **batch**(1) jobs, can have up to 2 jobs running simultaneously; those jobs will be run with a **nice**(1) value of 2. If a job cannot be run because too many other jobs are running, **cron**(1M) will wait 90 seconds before trying again to run it. All other queues can have up to 100 jobs running simultaneously; they will be run with a **nice** value of 2, and if a job cannot be run because too many other jobs are running **cron** will wait 60 seconds before trying again to run it.

FILES

/etc/cron.d/queuedefs queue description file for **at**, **batch**, and **cron**.

SEE ALSO **at**(1), **nice**(1), **crontab**(1), **cron**(1M)