

NAME

prefork - utility to prefork inetd-style wait services

SYNOPSIS

prefork [-N *max_kids*] [-n *min_kids*] [-r *rate_limit*] [-s *sample_time*] *daemon* [*args ...*]

DESCRIPTION

prefork is a utility to prefork inetd-style wait services which itself runs as an inetd-style wait service. **prefork** expects to be passed file descriptor zero (0) as a listening socket on which `accept(2)` can be called and will spawn children, passing them file descriptor zero (0) under the expectation that these children will service the incoming connexions. The children should then service connexions by calling `accept(2)` on the socket.

The options are as follows:

- N *max_kids* specifies the maximum number of children that **prefork** will allow to concurrently exist. This value defaults to 10.
- n *min_kids* specifies the minimum number of children that **prefork** will allow to concurrently exist. This value defaults to 0.
- r *rate_limit* specifies the minimum time between spawning children in addition to those specified by -n *min_kids*. The argument is an integral value interpreted as a number of microseconds. This value defaults to 100,000.
- s *sample_time* specifies the minimum number of microseconds after a pending connexion is detected by `select(2)` before **prefork** will test again for pending connexions. **prefork** requires two selects in a row to be successful before it spawns a new daemon. This value defaults to 10,000.

EXIT STATUS

prefork exits 0 on success and >0 if an error occurred.

SEE ALSO

inetd(8).