Rocky Enterprise Linux 9.2 Manual Pages on command 'tc-pfifo_fast.8'

$ man tc-pfifo_fast.8

PFIFO_FAST(8)   Linux   PFIFO_FAST(8)

NAME

pfifo_fast - three-band first in, first out queue

DESCRIPTION

pfifo_fast is the default qdisc of each interface.

Whenever an interface is created, the pfifo_fast qdisc is automatically

used as a queue. If another qdisc is attached, it preempts the default

pfifo_fast, which automatically returns to function when an existing

qdisc is detached.

In this sense this qdisc is magic, and unlike other qdiscs.

ALGORITHM

The algorithm is very similar to that of the classful tc-prio(8) qdisc.

pfifo_fast is like three tc-pfifo(8) queues side by side, where packets

can be enqueued in any of the three bands based on their Type of Ser?

vice bits or assigned priority.

Not all three bands are dequeued simultaneously - as long as lower

bands have traffic, higher bands are never dequeued. This can be used

to prioritize interactive traffic or penalize 'lowest cost' traffic.

Each band can be txqueuelen packets long, as configured with ifcon?
fig(8) or ip(8). Additional packets coming in are not enqueued but are
instead dropped.

See tc-prio(8) for complete details on how TOS bits are translated into
bands.

PARAMETERS

txqueuelen

The length of the three bands depends on the interface txqueue?
len, as specified with ifconfig(8) or ip(8).

BUGS

Does not maintain statistics and does not show up in tc qdisc ls. This
is because it is the automatic default in the absence of a configured
qdisc.

SEE ALSO

tc(8)

AUTHORS

Alexey N. Kuznetsov, <kuznet@ms2.inr.ac.ru>

This manpage maintained by bert hubert <ahu@ds9a.nl>

iproute2   10 January 2002   PFIFO_FAST(8)