NAME

HFSC - Hierarchical Fair Service Curve's control under linux

SYNOPSIS

dmax: maximum delay

rate: rate

For description of BYTE, BPS and SEC – please see UNITS section of tc(8).

DESCRIPTION (qdisc)

HFSC qdisc has only one optional parameter – **default**. CLASSID specifies the minor part of the default classid, where packets not classified by other means (e.g. u32 filter, CLASSIFY target of iptables) will be enqueued. If **default** is not specified, unclassified packets will be dropped.

DESCRIPTION (class)

HFSC class is used to create a class hierarchy for HFSC scheduler. For explanation of the algorithm, and the meaning behind **rt**, **ls**, **sc** and **ul** service curves – please refer to **tc-hfsc**(7).

As you can see in **SYNOPSIS**, service curve (SC) can be specified in two ways. Either as maximum delay for certain amount of work, or as a bandwidth assigned for certain amount of time. Obviously, **m1** is simply **umax/dmax**.

Both m2 and rate are mandatory. If you omit other parameters, you will specify linear service curve.

SEE ALSO

```
tc(8), tc-hfsc(7), tc-stab(8)
```

Please direct bugreports and patches to: <netdev@vger.kernel.org>

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