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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'nl-qdisc-add.8' command

\$ man nl-qdisc-add.8

nl-qdisc(8) System Manager's Manual nl-qdisc(8)

NAME

nl-qdisc-{add|list|delete} - Manage queueing disciplines

SYNOPSIS

nl-qdisc-add --dev dev --parent id [OPTIONS] qdisc-type [QDISC]

nl-qdisc-delete [--interactive] [OPTIONS]

nl-qdisc-list [OPTIONS]

DESCRIPTION

The nl-qdisc tools allow to manage and configure queueing disciplines (qdiscs) in the kernel.

OPTIONS

-h or --help

Print help text to console and exit.

-v or --version

Print versioning information to console and exit.

-q or --quiet

Do not print informal notifications about actions taken to the console. By default a short description of each qdisc added/up? date/deleted will be printed to the console. This option disables this behaviour.

-d or --dev=DEV

Network device the qdisc is attached to.

-p or --parent=ID

Identifier of the parent qdisc/class this qdisc is attached to.

The identifier can be specified as classid, name or one of the special values "root" or "ingress".

-i or --id=ID

Identifier of qdisc. It can be specified as classid or name.

nl-qdisc-add Options

--update

Update qdisc if it already exists, otherwise attempting to add a qdisc which already exists will result in an error. This does not include changing the type of the qdisc, use --replace if you wish to do so.

--replace

Replace or update qdisc if it already exists. Same behaviour as --update but will completely replace the qdisc if it exists already.

--update-only

Update an existing qdisc but do not create it if it does not exist.

--replace-only

Update or replace an existing qdisc but do not create it if it does exist.

nl-qdisc-delete Options

--interactive

The interactive mode requires confirmation by the user for each qdisc deleted. It will print a prompt for each qdisc matching the provided filter and requires the user to answer 'y'es or 'n'o.

--yes Make the default answer for interactive prompts be 'y'es. This option is also required to delete all qdiscs on all network devices.

-k or --kind=TYPE

Only delete qdiscs of this type.

nl-qdisc-list Options

--details

Show detailed information for each qdisc listed.

--stats

Show statistics information for each qdisc listed. This option will also turn on detailed information automatically.

-r or --recursive

List all TC objects recursively attached to all qdiscs matching the filter.

-k or --kind=TYPE

Only list qdiscs of this type.

USAGE

Add a HTB root qdisc with id "5":

```
nl-qdisc-add --dev eth0 --parent root --id 5: htb
```

List all qdiscs on eth0 and print statistical data:

```
nl-qdisc-list --stats --dev eth0
```

Delete the qdisc "5":

```
nl-qdisc-delete --id 5:
```

SEE ALSO

[nl-classid-lookup\(8\)](#)

AUTHOR

Thomas Graf is the original author and current maintainer of libnl and libnl tools. Many people have contributed to it since.

libnl

21 October 2010

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