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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'genl-ctrl-list.8' command

\$ man genl-ctrl-list.8

genl-ctrl-list(8) System Manager's Manual genl-ctrl-list(8)

NAME

genl-ctrl-list - List available kernel-side Generic Netlink families

SYNOPSIS

genl-ctrl-list [-d]

DESCRIPTION

Queries the Generic Netlink controller in kernel and prints a list of all registered Generic Netlink families including the version of the interface that has been registered.

OPTIONS

-h or --help

Print help text to console and exit.

-v or --version

Print versioning information to console and exit.

-d or --details

Include additional detailed information for each Generic Netlink family that is printed.

The information includes:

hdrsize N

The size of the user specific header.

maxattr N

The maximum Netlink attribute identifier expected by the interface.

op NAME (ID) <FLAGS>

A list of available operations including their name, numeric identifier and the flags indicating the capabilities of the operation.

Available flags:

admin-perm

Requires administrative privileges

has-doit

Command can handle request

has-dump

Command can handle a dump request

has-policy

Command enforces attribute validation policy

grp NAME (ID)

A list of registered multicast groups including name (if available) and identifier.

Example:

0x0010 nlctrl version 2

hdrsize 0 maxattr 7

op GETFAMILY (0x03) <has-doit,has-dump,has-policy>

grp notify (0x10)

EXAMPLE

\$ genl-ctrl-list

0x0010 nlctrl version 2

0x0011 NLBL_MGMT version 3

0x0012 NLBL_CIPSOv4 version 3

0x0013 NLBL_UNLBL version 3

0x0014 acpi_event version 1

0x0015 thermal_event version 1

0x0016 VFS_DQUOT version 1

0x0017 TASKSTATS version 1

0x0018 NET_DM version 2

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

libnl

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