

NAME

devlink – Devlink tool

SYNOPSIS

devlink [*OPTIONS*] { *dev|port|monitor|sb|resource|region|health|trap|rate|lc|dpipe* } { *COMMAND* | **help** }

devlink [**-force**] **-batch** *filename*

OPTIONS

-V, --Version

Print the version of the **devlink** utility and exit.

-b, -batch <FILENAME>

Read commands from provided file or standard input and invoke them. The first failure will cause termination of devlink.

-force Don't terminate devlink on errors in batch mode. If there were any errors during execution of the commands, the application return code will be non zero.

-n, --no-nice-names

Turn off printing out nice names, for example netdevice ifnames instead of devlink port identification.

-j, --json

Generate JSON output.

-p, --pretty

When combined with -j generate a pretty JSON output.

-v, --verbose

Turn on verbose output.

-s, --statistics

Output statistics.

-N, -Netns <NETNSNAME>

Switches to the specified network namespace.

-i, --iec

Print human readable rates in IEC units (e.g. 1Ki = 1024).

-x, --hex

Print dump numbers in hexadecimal format.

OBJECT

- dev** - devlink device.
- port** - devlink port.
- monitor**
 - watch for netlink messages.
- sb** - devlink shared buffer configuration.
- resource**
 - devlink device resource configuration.
- region** - devlink address region access.
- health** - devlink reporting and recovery.
- trap** - devlink trap configuration.
- rate** - devlink rate object configuration.
- lc** - devlink line card configuration.
- dpipe** - devlink datapath pipeline visualization.

COMMAND

Specifies the action to perform on the object. The set of possible actions depends on the object type. As a rule, it is possible to **show** (or **list**) objects, but some objects do not allow all of these operations or have some additional commands. The **help** command is available for all objects. It prints out a list of available commands and argument syntax conventions.

If no command is given, some default command is assumed. Usually it is **list** or, if the objects of this class cannot be listed, **help**.

EXIT STATUS

Exit status is 0 if command was successful or a positive integer upon failure.

SEE ALSO

devlink-dev(8), **devlink-port(8)**, **devlink-monitor(8)**, **devlink-sb(8)**, **devlink-resource(8)**, **devlink-region(8)**, **devlink-health(8)**, **devlink-trap(8)**, **devlink-rate(8)**, **devlink-lc(8)**, **devlink-dpipe(8)**

REPORTING BUGS

Report any bugs to the Network Developers mailing list <netdev@vger.kernel.org> where the development and maintenance is primarily done. You do not have to be subscribed to the list to send a message there.

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