Rocky Enterprise Linux 9.2 Manual Pages on command 'blockdev.8'

$ man blockdev.8

BLOCKDEV(8)   System Administration   BLOCKDEV(8)

NAME

   blockdev - call block device ioctls from the command line

SYNOPSIS

   blockdev [-q] [-v] command [command...] device [device...]

   blockdev --report [device...]

   blockdev -h|-V

DESCRIPTION

   The utility blockdev allows one to call block device ioctls from the command line.

OPTIONS

   -q

      Be quiet.

   -v

      Be verbose.

   --report

      Print a report for the specified device. It is possible to give multiple devices. If

      none is given, all devices which appear in /proc/partitions are shown. Note that the

      partition StartSec is in 512-byte sectors.

   -h, --help

      Display help text and exit.

   -V, --version

      Print version and exit.

COMMANDS

It is possible to give multiple devices and multiple commands.

--flushbufs

Flush buffers.

--getalignoff

Get alignment offset.

--getbsz

Print the blocksize in bytes. This size does not describe device topology. It?s the

size used internally by the kernel and it may be modified (for example) by filesystem

driver on mount.

--getdiscardzeroes

Get discard zeroes support status.

--getfra

Get filesystem readahead in 512-byte sectors.

--getiomin

Get minimum I/O size.

--getioopt

Get optimal I/O size.

--getmaxsect

Get max sectors per request.

--getpbsz

Get physical block (sector) size.

--getra

Print readahead (in 512-byte sectors).

--getro

Get read-only. Print 1 if the device is read-only, 0 otherwise.

--getsize64

Print device size in bytes.

--getsize

Print device size (32-bit!) in sectors. Deprecated in favor of the --getsz option.

--getss

Print logical sector size in bytes - usually 512.

--getsz

Get size in 512-byte sectors.

--rereadpt

   Reread partition table

--setbsz bytes

   Set blocksize. Note that the block size is specific to the current file descriptor

   opening the block device, so the change of block size only persists for as long as

   blockdev has the device open, and is lost once blockdev exits.

--setfra sectors

   Set filesystem readahead (same as --setra on 2.6 kernels).

--setra sectors

   Set readahead (in 512-byte sectors).

--setro

   Set read-only. The currently active access to the device may not be affected by the

   change. For example, a filesystem already mounted in read-write mode will not be

   affected. The change applies after remount.

--setrw

   Set read-write.

AUTHORS

   blockdev was written by Andries E. Brouwer and rewritten by Karel Zak.

REPORTING BUGS

   For bug reports, use the issue tracker at https://github.com/karelzak/util-linux/issues.

AVAILABILITY

   The blockdev command is part of the util-linux package which can be downloaded from Linux

   Kernel Archive <https://www.kernel.org/pub/linux/utils/util-linux/>.

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