Red Hat Enterprise Linux Release 9.2 Manual Pages on 'blockdev.8' command

$ 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/>.

util-linux 2.37.4   2022-02-14   BLOCKDEV(8)