

**NAME**

blockdev - call block device ioctls from the command line

**SYNOPSIS**

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

**DESCRIPTION**

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

**OPTIONS**

**-V** Print version and exit.

**-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.

**COMMANDS**

It is possible to give multiple devices and multiple commands.

**--flushbufs**

Flush buffers.

**--getalignoff**

Get alignment offset.

**--getbsz**

Print blocksize in bytes.

**--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 sectorsize 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 like --setra on 2.6 kernels).
- setra** *sectors*  
Set readahead (in 512-byte sectors).
- setro**  
Set read-only.
- setrw**  
Set read-write.

**AUTHOR**

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

**AVAILABILITY**

The blockdev command is part of the util-linux package and is available from <ftp://ftp.kernel.org/pub/linux/utils/util-linux/>.