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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'blkmon.8'***

**\$ man blkmon.8**

BLKIOMON(8)

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NAME

blkmon - monitor block device I/O based on blktrace data

SYNOPSIS

```
blkmon -I interval [ -h file ] [ -b file ] [ -d file ] [ -D file ] [
-Q path_name -q msg_queue_id -m msg_id ] [ -V ]
```

DESCRIPTION

blkmon is a block device I/O monitor. It periodically generates per-device request size and request latency statistics from blktrace data. It provides histograms as well as data that can be used to calculate min, max, average and variance. For this purpose, it consumes D and C traces read from stdin. Note, that this doesn't work for logical volumes, as high-level drivers don't see the completion of the events (C). There are options for binary output and human-readable output to files and stdout. Output to a message queue is supported as well. There is no need to use blkparse with blkmon. blkmon is capable of consuming binary output written to stdout by blktrace.

OPTIONS

-I interval

--interval=interval

Set sample interval

-h file

--human-readable=file

Human-readable output file. Use '-' for stdout.

-b file

--binary=file

Binary output file. Use '-' for stdout.

-d file

--dump-lld=file

Output file for data emitted by low level device driver.

-D file

--debug=file

Output file for debugging data. Use '-' for stdout.

-Q path\_name

--msg-queue=path\_name

Sets path\_name as path name for existing message queue to be used for binary output.

-q msg\_queue\_id

--msg-queue-id=msg\_queue\_id

Sets msg\_queue\_id as ID for an existing message queue to be used for binary output.

-m msg\_id

--msg-id=msg\_id

Sets msg\_id as message identifier to be used for binary output messages written to an existing message queue.

-V

--version

Print program version.

## EXAMPLES

To get I/O statistics for /dev/sdw every 10 seconds for a period of one hour, use the following command:

```
% blktrace /dev/sdw -a issue -a complete -w 3600 -o - | blkmon -l
```

10 -h -

## AUTHORS

blkmon and this man page were written by Martin Peschke.

## REPORTING BUGS

Report bugs to <linux-btrace@vger.kernel.org>

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## SEE ALSO

btrace (8), blktrace (8), blkparse (1), verify\_blkparse (1), blkrawver? ify (1), btt (1)

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