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

### $ man blkiomon.8

BLKIOMON(8)                                            BLKIOMON(8)

NAME

   blkiomon - monitor block device I/O based o blktrace data

SYNOPSIS

   blkiomon  -I interval [ -h file ] [ -b file ] [ -d file ] [ -D file ] [

   -Q path_name -q msg_queue_id -m msg_id ] [ -V ]

DESCRIPTION

   blkiomon 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  vol?

   umes, 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 blkiomon. blkiomon 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-lldd=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 - | blkiomon -I

10 -h -

AUTHORS

blkiomon and this man page were written by Martin Peschke.

REPORTING BUGS

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

COPYRIGHT

SEE ALSO

btrace (8), blktrace (8), blkparse (1), verify_blkparse (1), blkrawver?

ify (1), btt (1)

<div align="center">July 17, 2008          BLKIOMON(8)</div>