

NAME

gstat - print statistics about GEOM disks

SYNOPSIS

gstat [-abBcdops] [-f *filter*] [-I *interval*]

DESCRIPTION

The **gstat** utility can be used to monitor I/O transactions of geom(4) devices.

The options are as follows:

- a Only display providers that are at least 0.1% busy.
- b Batch mode. Collect numbers, print and exit. Default if stdout is not a tty.
- B Endless batch mode. Same as batch mode, but does not exit after collecting the first set of data.
- c Enable display of geom(4) consumers too. The default is to show statistics only for geom(4) producers.
- C CSV output mode. Implies endless batch mode, but output is in the form of comma-separated values, with ISO 8601-like timestamps.
- d Enable display of statistics for delete (BIO_DELETE) operations.
- f *filter*
A regular expression that can be used to only show statistics for some devices. Only devices with the names matching *filter* will be displayed. The format of the regular expression is described in re_format(7).
- o Enable display of statistics for other operations (BIO_FLUSH).
- s Enable blocks' size statistics.
- I *interval*
Refresh the **gstat** display every *interval* microseconds. Adding a suffix of **s**, **ms**, or **us** (the default) indicates that the update interval is specified in seconds, milliseconds, or microseconds, respectively.
- p Only display physical providers (those with rank of 1).

INTERACTIVE COMMANDS

These commands are currently recognized if **gstat** is not running in batch mode:

- < Halve the update interval.
- > Double the update interval.
- c Toggle display of geom(4) consumers.
- f Display only devices with the names matching regular expression filter (prompt for filter).
- F Remove device filter.
- q Quit **gstat**.

EXIT STATUS

The **gstat** utility exits 0 on success, and >0 if an error occurs.

SEE ALSO

systat(1), geom(4), iostat(8), vmstat(8)

HISTORY

A **gstat** utility appeared in FreeBSD 5.0.