

**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.