

NAME

zpool_influxdb - collect ZFS pool statistics in InfluxDB line protocol format

SYNOPSIS

```
zpool_influxdb [-e|--execd] [-n|--no-histogram] [-s|--sum-histogram-buckets]
                [-t|--tags key=value[,key=value]<?>] [pool]
```

DESCRIPTION

zpool_influxdb produces InfluxDB-line-protocol-compatible metrics from zpools. Like the **zpool** command, **zpool_influxdb** reads the current pool status and statistics. Unlike the **zpool** command which is intended for humans, **zpool_influxdb** formats the output in the InfluxDB line protocol. The expected use is as a plugin to a metrics collector or aggregator, such as Telegraf.

By default, **zpool_influxdb** prints pool metrics and status in the InfluxDB line protocol format. All pools are printed, similar to the **zpool status** command. Providing a pool name restricts the output to the named pool.

OPTIONS

-e, --execd Run in daemon mode compatible with Telegraf's **execd** plugin. In this mode, the pools are sampled every time a newline appears on the standard input.

-n, --no-histogram

Do not print latency and I/O size histograms. This can reduce the total amount of data, but one should consider the value brought by the insights that latency and I/O size distributions provide. The resulting values are suitable for graphing with Grafana's heatmap plugin.

-s, --sum-histogram-buckets

Accumulates bucket values. By default, the values are not accumulated and the raw data appears as shown by **zpool iostat**. This works well for Grafana's heatmap plugin. Summing the buckets produces output similar to Prometheus histograms.

-t, --tags *key=value[,key=value]<?>*

Adds specified tags to the tag set. No sanity checking is performed. See the InfluxDB Line Protocol format documentation for details on escaping special characters used in tags.

-h, --help Print a usage summary.

SEE ALSO

zpool-iostat(8), **zpool-status(8)**, *InfluxDB*: <https://github.com/influxdata/influxdb>, *Telegraf*:

<https://github.com/influxdata/telegraf>, *Grafana*: <https://grafana.com>, *Prometheus*: <https://prometheus.io>