📖 prometheus / **collectd_exporter**
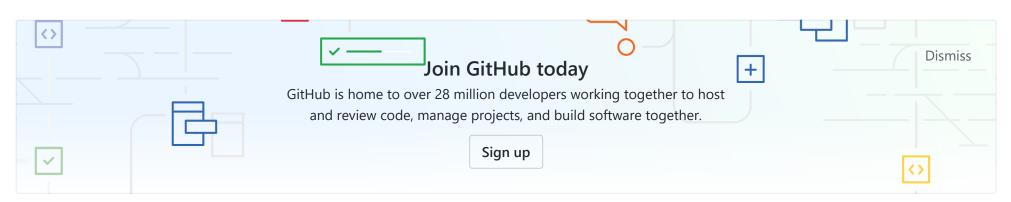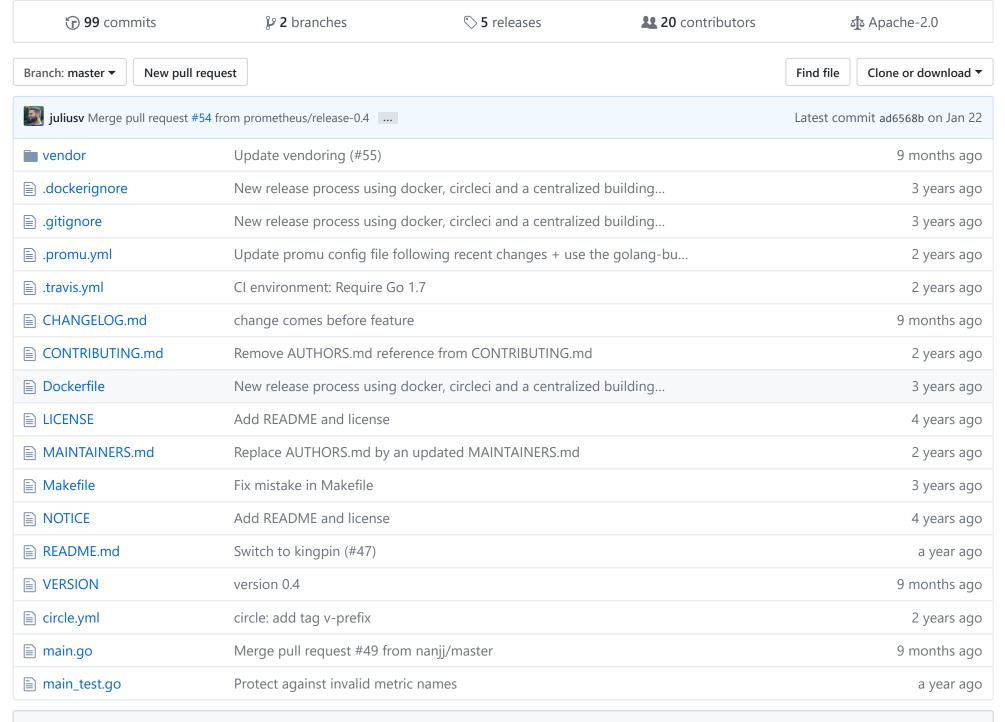
A server that accepts collectd stats via HTTP POST and exports them via HTTP for Prometheus consumption

ⓘ **99** commits	⑂ **2** branches	🏷 **5** releases	👥 **20** contributors	⚖ Apache-2.0

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👤 juliusv Merge pull request #54 from prometheus/release-0.4 ...		Latest commit ad6568b on Jan 22
📁 vendor	Update vendoring (#55)	9 months ago
📄 .dockerignore	New release process using docker, circleci and a centralized building…	3 years ago
📄 .gitignore	New release process using docker, circleci and a centralized building…	3 years ago
📄 .promu.yml	Update promu config file following recent changes + use the golang-bu…	2 years ago
📄 .travis.yml	CI environment: Require Go 1.7	2 years ago
📄 CHANGELOG.md	change comes before feature	9 months ago
📄 CONTRIBUTING.md	Remove AUTHORS.md reference from CONTRIBUTING.md	2 years ago
📄 Dockerfile	New release process using docker, circleci and a centralized building…	3 years ago
📄 LICENSE	Add README and license	4 years ago
📄 MAINTAINERS.md	Replace AUTHORS.md by an updated MAINTAINERS.md	2 years ago
📄 Makefile	Fix mistake in Makefile	3 years ago
📄 NOTICE	Add README and license	4 years ago
📄 README.md	Switch to kingpin (#47)	a year ago
📄 VERSION	version 0.4	9 months ago
📄 circle.yml	circle: add tag v-prefix	2 years ago
📄 main.go	Merge pull request #49 from nanjj/master	9 months ago
📄 main_test.go	Protect against invalid metric names	a year ago

📖 **README.md**

Collectd Exporter `build passing`

`circleci passing` `container ready` `docker pulls 12M`

An exporter for collectd. It accepts collectd's binary network protocol as sent by collectd's network plugin and metrics in JSON format via HTTP POST as sent by collectd's write_http plugin, and transforms and exposes them for consumption by Prometheus.

This exporter is useful for exporting metrics from existing collectd setups, as well as for metrics which are not covered by the core Prometheus exporters such as the Node Exporter.

Binary network protocol

collectd's *network plugin* uses a lightweight binary protocol to send metrics from one instance to another. To consume these packets with *collectd_exporter*, first configure collectd to send these metrics to the appropriate address:

```
LoadPlugin network
<Plugin network>
  Server "prometheus.example.com" "25826"
</Plugin>
```

Then start *collectd_exporter* with `--collectd.listen-address=":25826"` to start consuming and exporting these metrics.

JSON format

collectd's *write_http plugin* is able to send metrics via HTTP POST requests. *collectd_exporter* serves an appropriate end-point which accepts, parses and exports the metrics. First, configure collectd to send these metrics to the HTTP end-point:

```
LoadPlugin write_http
<Plugin write_http>
  <Node "collectd_exporter">
    URL "http://localhost:9103/collectd-post"
    Format "JSON"
    StoreRates false
  </Node>
</Plugin>
```

To change the path of the end-point, use the `--web.collectd-push-path` command line option. To disable this functionality altogether, use `--web.collectd-push-path=""`.

Using Docker

You can deploy this exporter using the prom/collectd-exporter Docker image. You will need to map the collectd port from the container to the host, remembering that this is a UDP port.

For example:

```
docker pull prom/collectd-exporter

docker run -d -p 9103:9103 -p 25826:25826/udp prom/collectd-exporter --collectd.listen-address=":25826"
```