

OpenMetrics

Standing on the shoulders of titans

Richard Hartmann,
RichiH@{freenode,OFTC,IRCnet},
richih@{fosdem,debian,richih}.org,
richard.hartmann@space.net

2018-02-03

What's Prometheus?

- Prometheus has been taking the monitoring world by storm
- It's how you do metrics in the cloud-native space
- Many libraries, direct integrations, and exporters can feed into Prometheus
- Comes with a highly efficient format to transmit metrics
 - Labels create n-dimensional matrix as opposed to the traditional hierarchical tree

It's political

- Other projects, and especially established companies, are wary of picking up someone else's standard
- Notable exception: InfluxData

It's collaborative

- We want to change how the world does monitoring, nothing more, nothing less
- We also want to make sure we are covering other projects and companies' needs

OpenMetrics

- We are spinning out Prometheus' exposition format into OpenMetrics
- It will join CNCF as a full project
- We will submit an Internet Draft and try to get an IETF RFC published

Already on board

- Cloudflare
- GitLab
- Google
- Grafana
- InfluxData
- Kausal.co
- Oath.com / Yahoo / Verizon
- RobustPerception
- Solarwinds
- SpaceNet
- Uber

When?

- We are currently finalizing the specs
- First published version in Q1 2018

Sounds good!

- OpenMetrics: <https://github.com/RichiH/OpenMetrics>

Thanks!

Thanks for listening!

Questions?

Email me if you want a job in Munich.

See slide footer for contact info.