

Prometheus @ Home

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Pop quiz

Did you know that it's near impossible to
make backups of Prometheus data?

Pop quiz

(..no, I didn't know what Goutham would talk about..)

Pop quiz

So what happens if your home server dies
and you don't have time to rebuild it?

Pop quiz

Did you expect pretty graphs?

Pop quiz

Well.. no.

Actual content?

I am here simply to whet your appetite.

I get easily annoyed with inefficiency;
if something works, I will use it in ALL the places

(backups seem to be an exception)

- ..same label printer
- ..same screwdrivers
- ..same keyboard & mouse
- ..same type of (colour-coded) notebook

..and I flooded every place with literally 100+ pens of the same type

Word of warning...

..that includes having the
same red Swingline stapler and home and at work

Hmmmm...

What if I could re-use Prometheus for useful and,
more importantly, useless things?

Home temperature, humidity, etc

`github.com/prometheus/node_exporter`

Home temperature, humidity, etc

(..no, I didn't know what Nicolai would talk about..)

Home temperature, humidity, etc

..but whatever, here you go:

`github.com/vonneudeck/mouldy`

Home automation

`github.com/RichiH/knxd_exporter`

Please write MOAR!

Home network

`github.com/prometheus/snmp_exporter`

`github.com/mdlayher/unifi_exporter`

Home upstream; because those 2 Mbit/s are horrible

`github.com/stefanwalther/speedtest-exporter`

`github.com/RichiH/speedtest_exporter`

Home upstream; because those 2 Mbit/s are horrible

Have you ever had some refuse your WiFi password?

Gas prices

`github.com/lukasmalkmus/tankerkoenig_exporter`

Weather data

`github.com/RichiH/openweathermap_exporter`

since February 2016

Weather data

I am soooo going to sue PromFlux

Groundwater measurements

`nid.bayern.de/grundwasser`

Groundwater measurements

Yes, I will correlate rain and groundwater

Brian's special

Have you ever argued with Brian?

Brian's axiom

"There is no use for weight or mass in a time series database"

Brian's knowledge gap

My co-workers have problems with stairs

Brian's wrong

USB scales exporting coffee grinder fill state

Brian's surprise

..and alerting when it's empty

RichiH's revenge

..because it takes me less than ten seconds to reach the coffee grinder.