



Julien Pivotto
@roidelapluie

What's new in Prometheus?

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Prometheus History

- Born / November 2012
- Publicly announced / January 2015
- v1.0 / January 2016
- Joins CNCF / May 2016
- v2.0 / November 2017
- Graduates CNCF / August 2018

What's new?

- Releases every ~6 weeks
- Let's look at 12 months
- 2.7.0 -> 2.16.0

Prometheus Core

- Subqueries
- Overlapping blocks
- Active Query Log
- TSDB tool
- Better parser

Prometheus Core

- React UI (Local timezzone)
- Query Log
- SD moratorium lifted
- Performance improvements (Memory)

Prometheus Org

- Pushgateway reaches 1.0.0
- Several exporters gain external url support

Prometheus community

- <https://github.com/prometheus-community>
- PromQL Language Server
- PromCon 2020 in NA
- Thanos joins CNCF (1 year after Cortex)

Ecosystem

- HAProxy native metrics
- Grafana Loki

Coming Next

- OpenMetrics
- Thanos and Cortex to use TSDB blocks
- Official Backfilling
- TLS on exporters

inuits

OPEN SOURCE INNOVATORS

Essensteenweg 31
2930 Brasschaat
Belgium

Julien Pivotto
@roidelapluie
roidelapluie@inuits.eu

Contact:

info@inuits.eu
+32-3-8082105