What's new in Prometheus?

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CentOS Dojo Brussels
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 timezone)
- Query Log
- SD moratorium lifted
- Performance improvements (Memory)
• Pushgateway reaches 1.0.0
• Several exporters gain external url support
Prometheus community

- [https://github.com/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