



KubeCon



CloudNativeCon

North America 2018

Linkerd 2.0, Now with Extra Prometheus

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Let's start with Prometheus...



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ARGUS
CYBER SECURITY

BOXEVER

branch

CESANTA
Embedded Communication

Core OS



DigitalOcean

docker

ERICSSON

EUROTECH



Giant Swarm

Hosting
Advice.com

IMPROBABLE

jodel

JustWatch

kumina

Latency.at

loodse

Maven
SECURITIES

outbrain

PERCONA

PingCAP

QWARE
SOFTWARE ENGINEERING

Quobyte

Robust Perception

SHOW MAX

ShuttleCloud

SOUNDCLOUD

SpaceNet
Internet Business Produkte

Sysdig

Transloadit



UNO-SOFT



weaveworks

Quick Prometheus intro



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HTTP Get /

Application
Example Metric:
Request Count
0

HTTP Get /metrics
every 15s

Prometheus
Application's
Request Count

Time	Value
T0	0
T1	2

...

...and now on to Linkerd...



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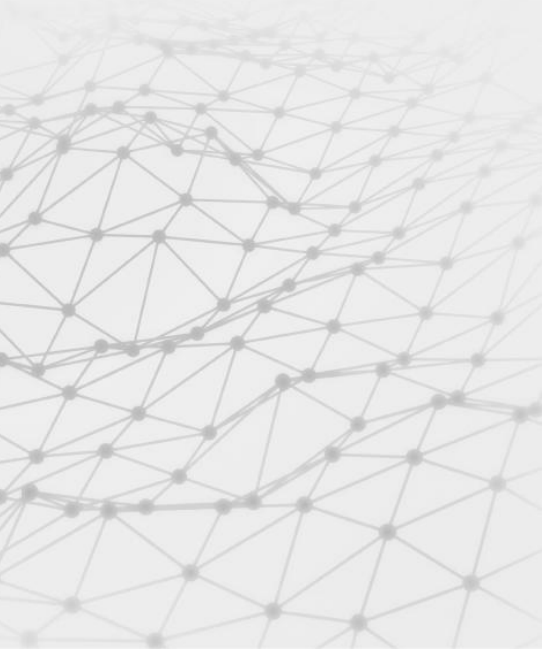
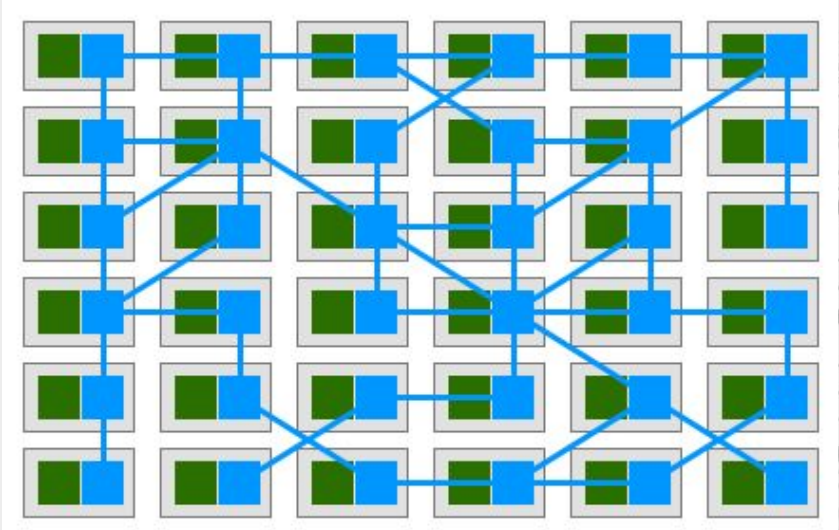
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Control plane



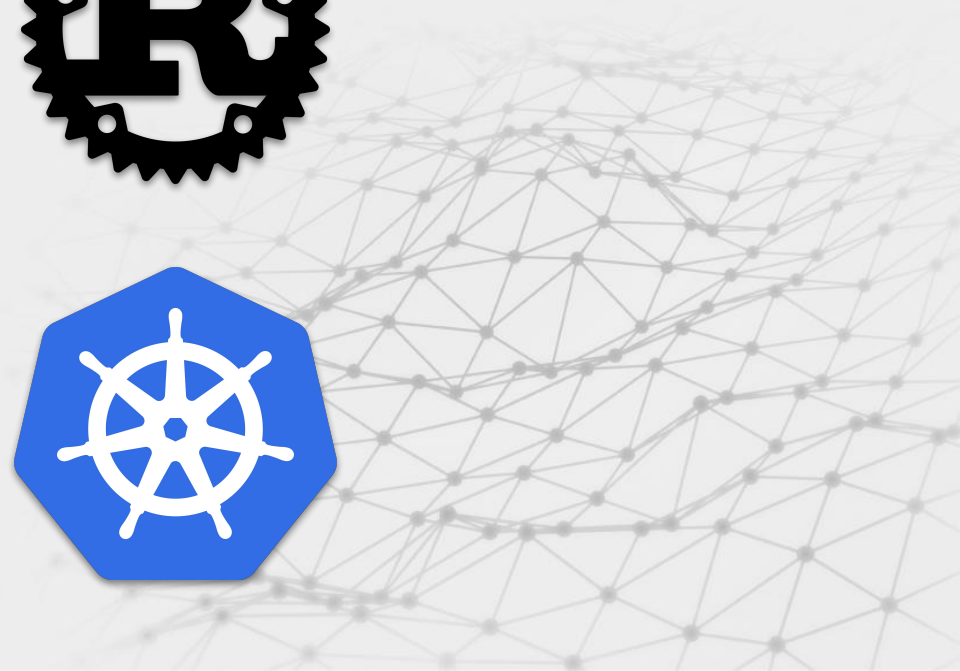
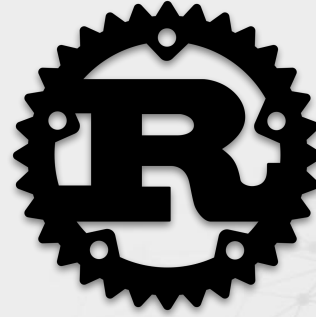
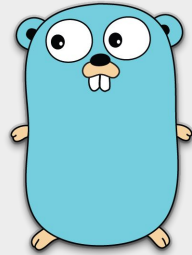
Data plane

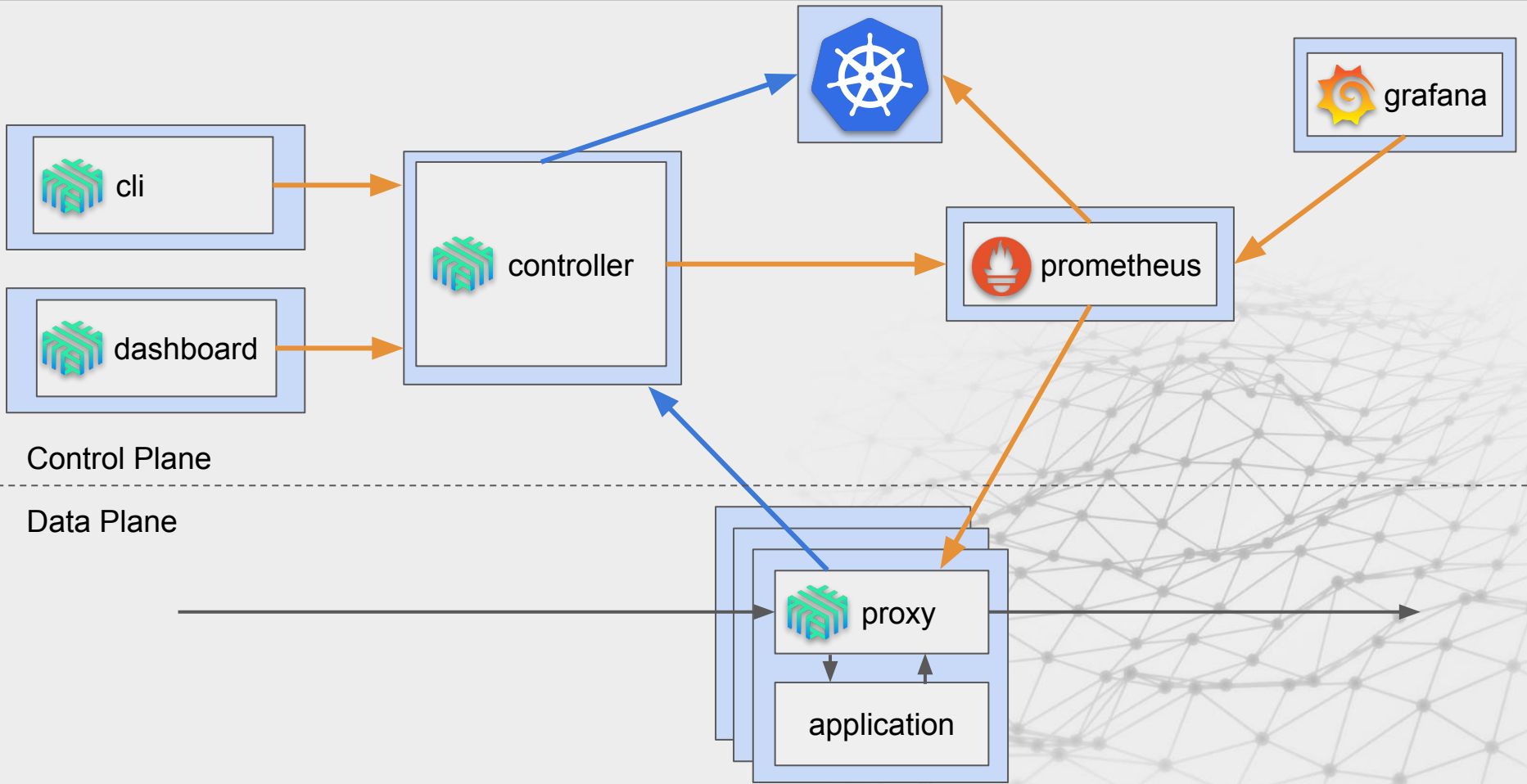


Linkerd 1.x

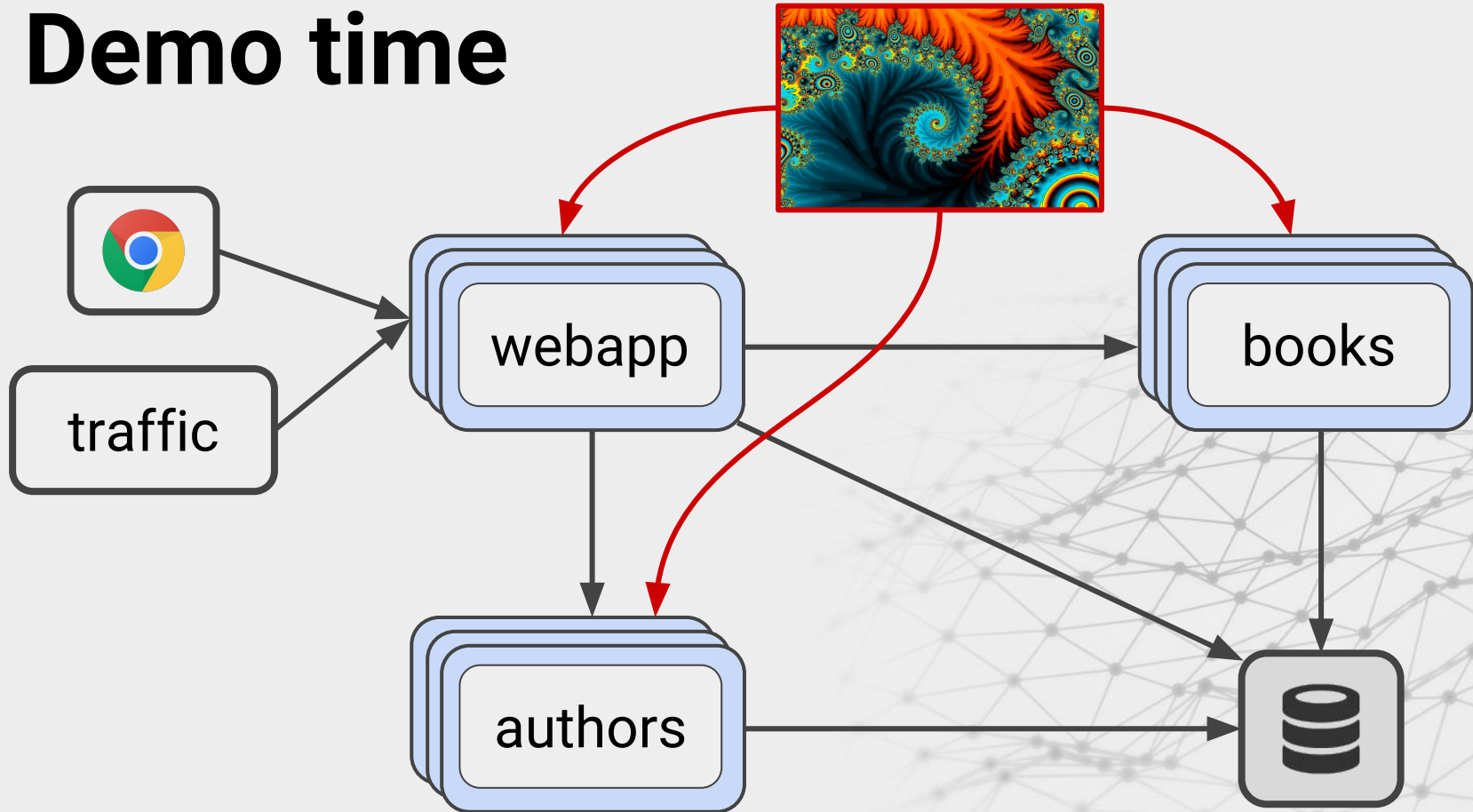


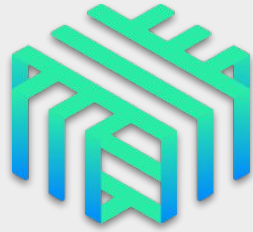
Linkerd 2.0





Demo time





- Install
- Inject
- Stat
- Top
- Dashboard
- Prometheus
- Grafana

Try it today at: <https://linkerd.io/>

An open source *service mesh* and CNCF member project.

- 24+ months in production
- 2,500+ Slack members
- 7,500+ GitHub stars
- 40m+ DockerHub pulls
- 100+ contributors
- 400b+ requests/mo





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Thank you!



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