



containercon

CHINA 中国



THINK OPEN

开放性思维

eliot

Open source container platform for IoT devices

www.eliot.run



Greetings from
FINLAND





NOIKIA





**See you in
next year
s**kers!**

-Santaclaus

Erno Aapa

Creator of **Eliot**

CTO/co-founder of **Polar Squad**

Founder of **DevOpsFinland**



ernoaapa





Distributed across the globe
Can be multiple weeks offline
Generates data 100MB/s

There will be 100B IoT devices in 2025



SO COLD :(


SETRA



CONTAINERS

I  Kubernetes

COMMUNITY



~~StatefulSet~~

~~Service~~

~~Ingress~~

~~PersistentVolumes~~

~~Deployment~~

~~ReplicaSet~~

~~Scheduler~~

~~Controllers~~

Pod



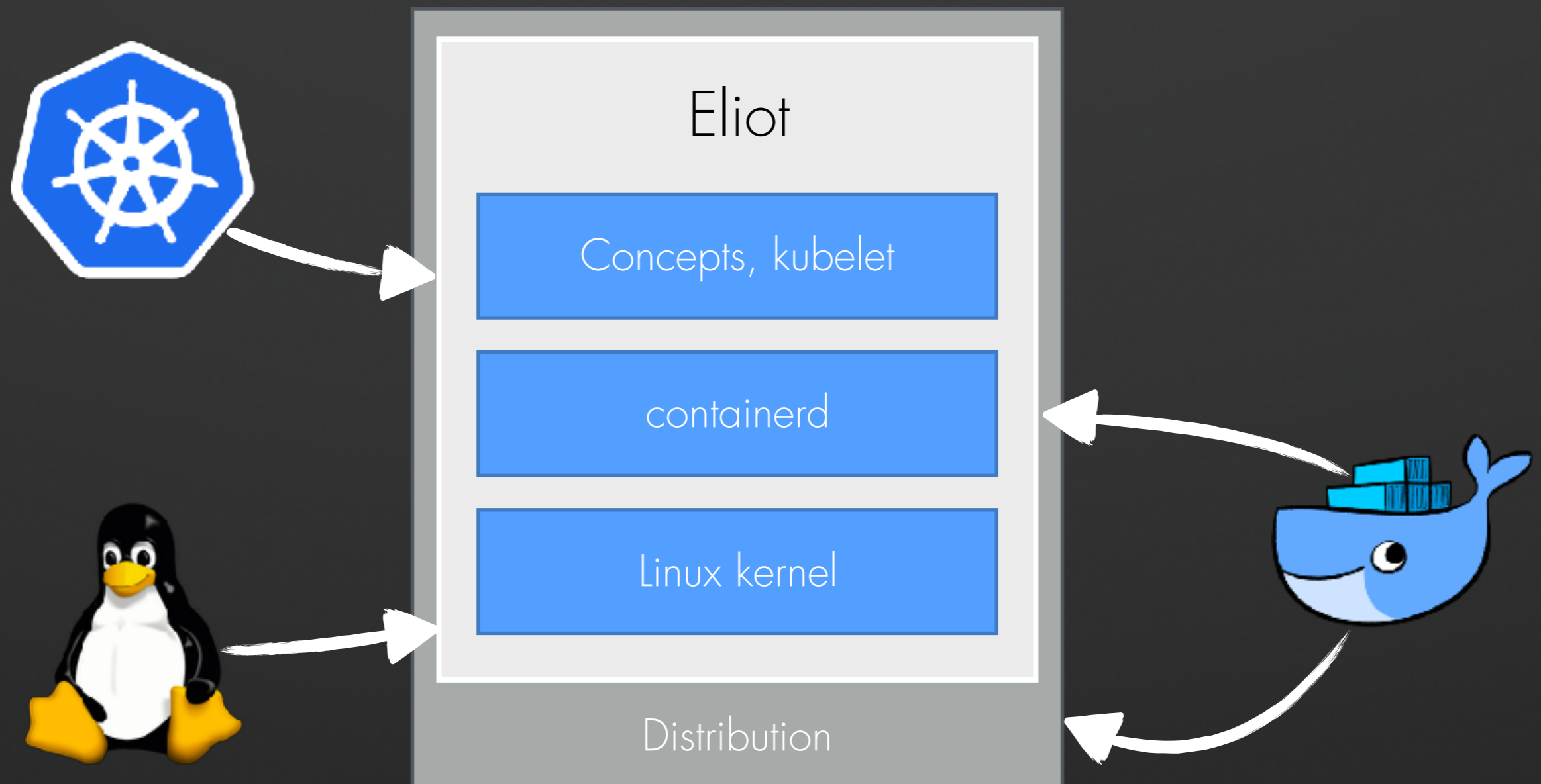
No centralization

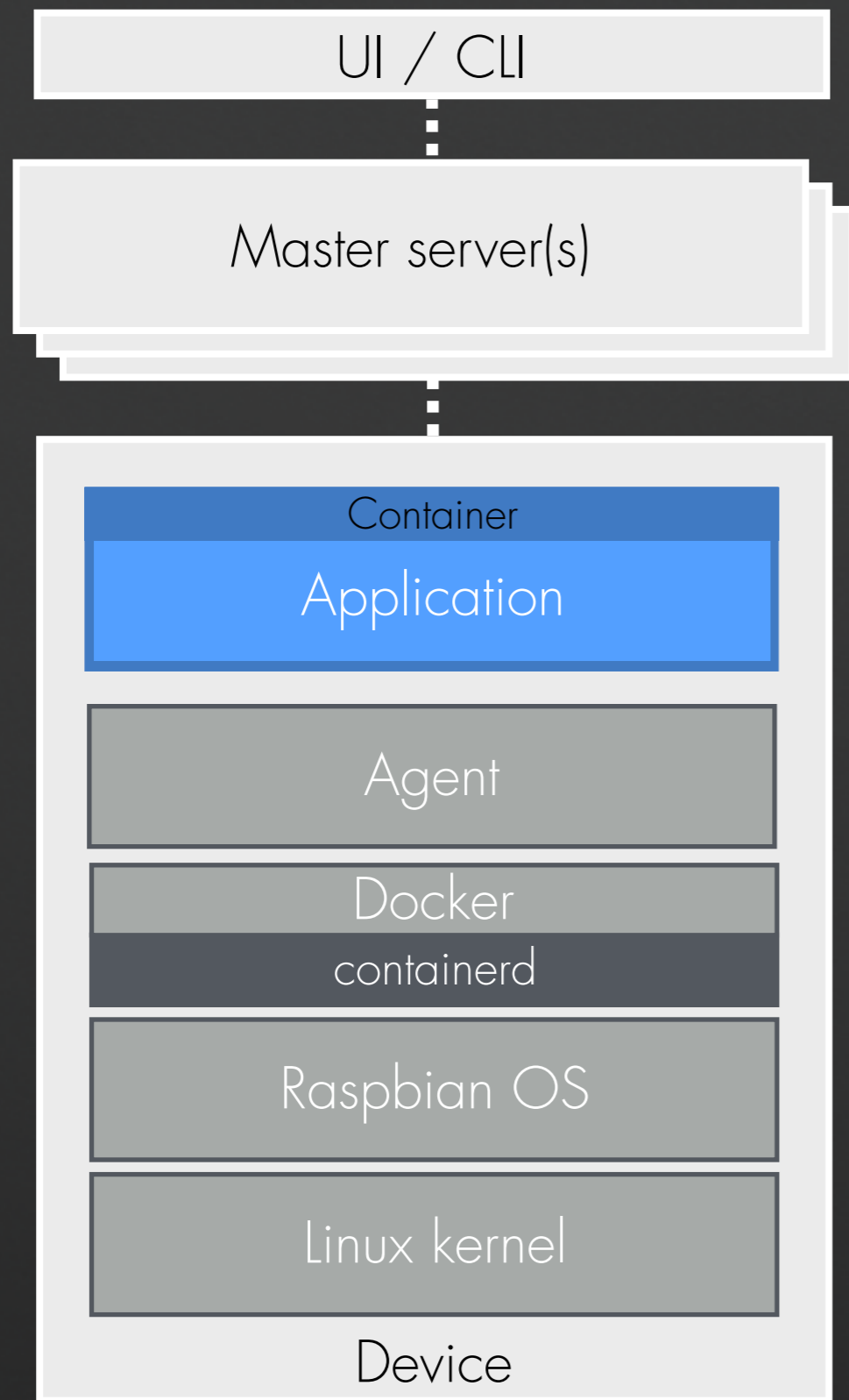
eliot

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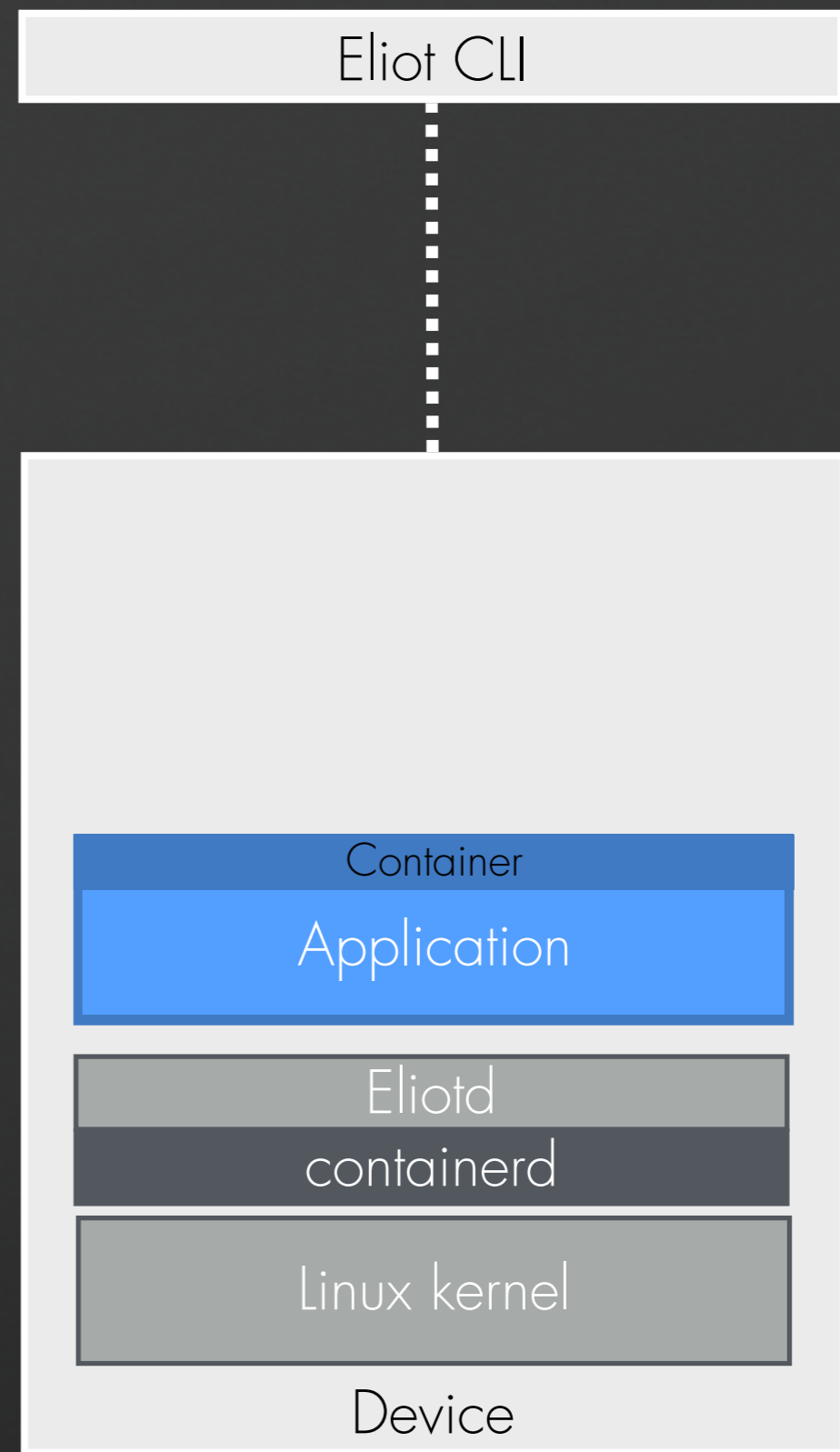


Combination of the best





Other platforms



Minimal Eliot

Building Applications to Increase Kubernetes Adoption, and Make Life Easier - Kate Kuchin, Heptio

**KUBERNETES IS
F**G INTIMIDATING**




KubeCon



CloudNativeCon

Europe 2018

Video Sponsored by  Google Cloud

▶ ⏪ 🔊 3:28 / 27:05



kubectl

get

exec

run

-n <name>

-i <image>

logs

delete

Demo time!

```
[ernoapa:~]$ # Eliot... Where's Eliot?  
[ernoapa:~]$ eli get devices  
  ✓ Discovered 1 devices from network
```

HOSTNAME	ENDPOINT	VERSION
raspberrypi-e2ccbe63f23d.local.	192.168.64.94:5000	9b2e730-amd64

```
[ernoapa:~]$ █
```



**Finland
have most
metal bands
per capita**



eliot Orchestra have more generic roles where you can easily replace single artist, except the conductor enoααα 





dynamic
cloud independent
self-aware

eliot

www.eliot.run

github.com/ernoaaapa/eliot

ernoaaapa 