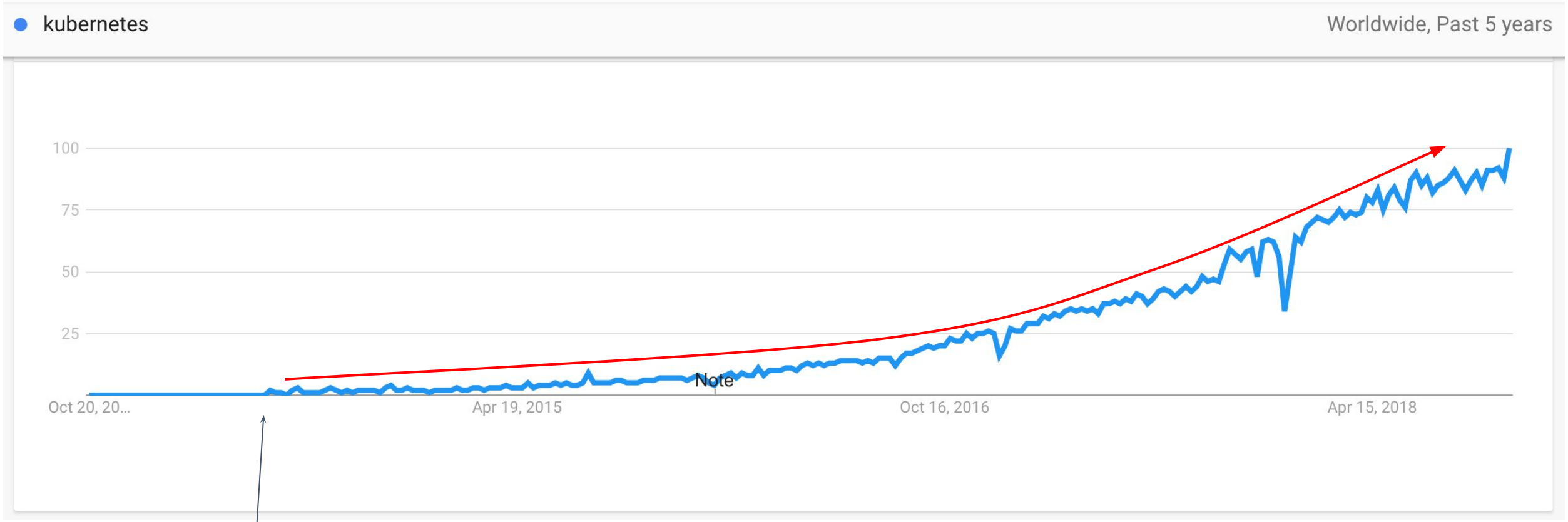
Kubernetes Update

Janet Kuo, Software Engineer, Google
@janet_kuo

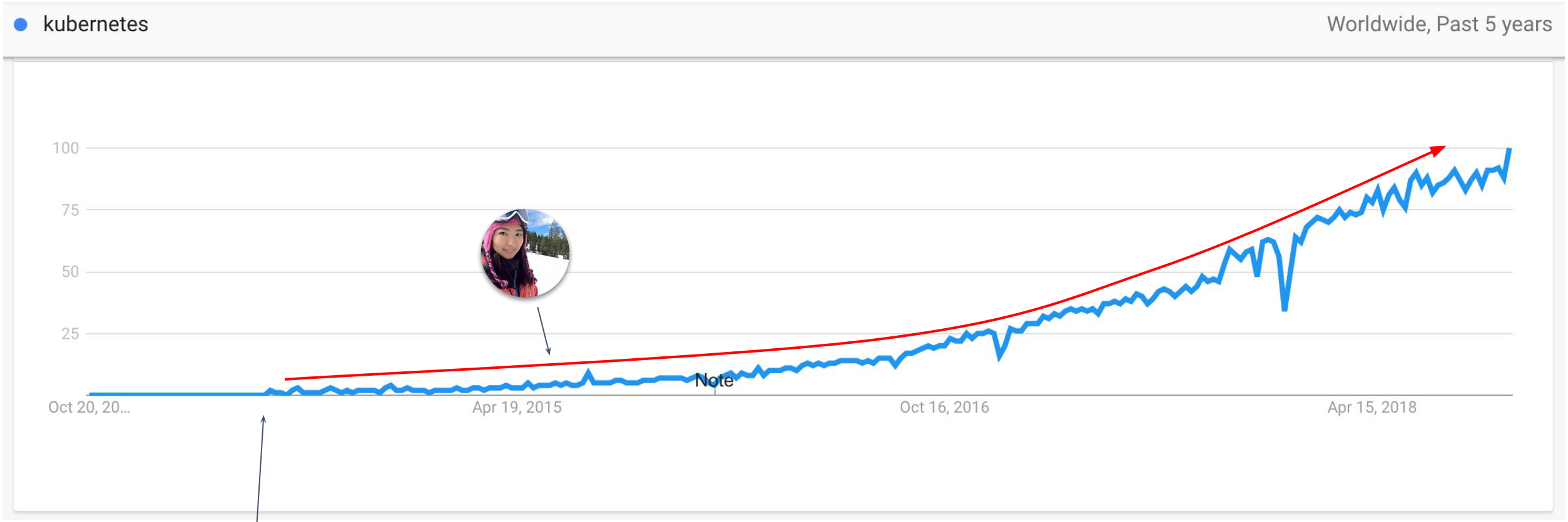
Kubernetes v1.13.0

Kubernetes Is Trending



Announced by Google
June, 2014

Kubernetes Is Trending



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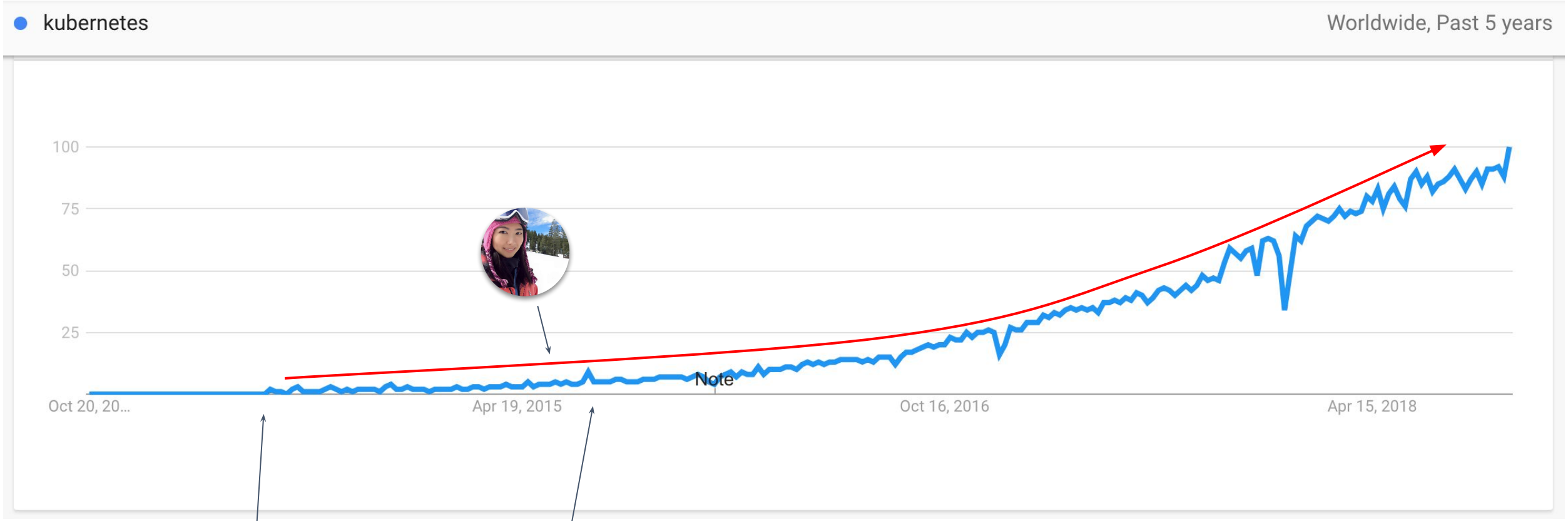

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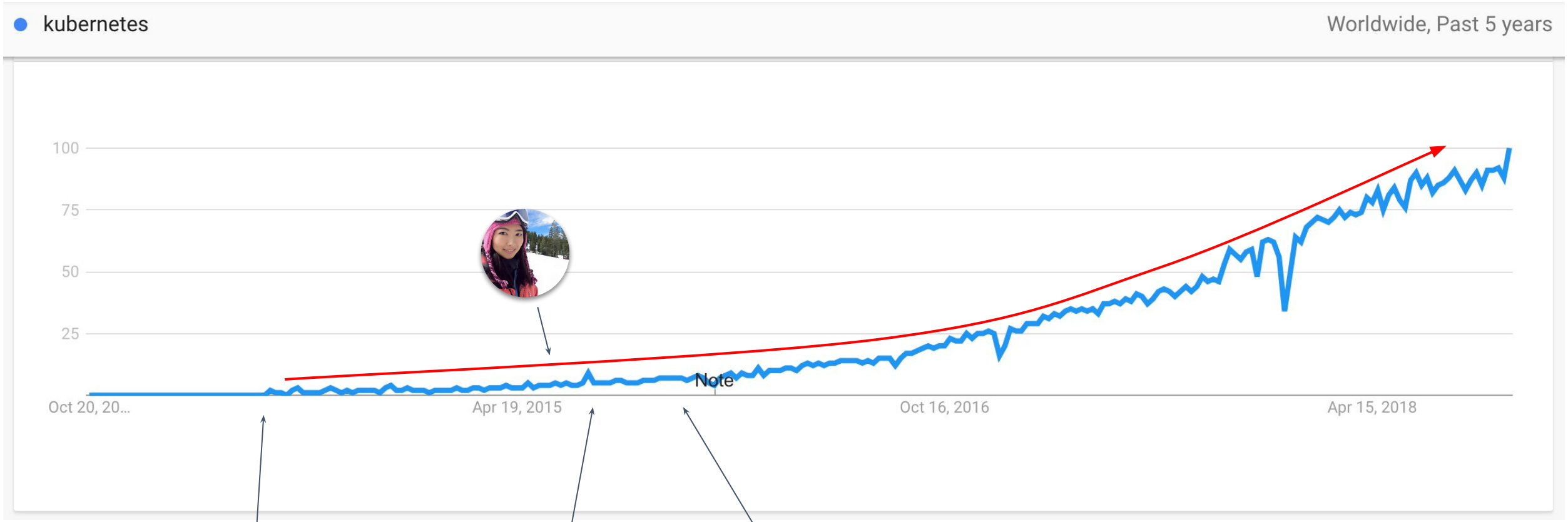
Kubernetes v1.0
CNCF was formed
July, 2015

Kubernetes Is Trending



Announced by Google
June, 2014

Kubernetes v1.0
CNCF was formed
July, 2015

First KubeCon
Nov, 2015

Early Days...

Innovators

Move fast

New features

Early Days...

Innovators

Move fast
New features

Early adopters

Scalability
User experience

OSCON
OPEN SOURCE CONVENTION

Most Impact Award

https://plus.google.com/+googlecloud/posts/8mMzMhMbDfg

CNCF Survey 2018

58%

of respondents are running Kubernetes in **production**.

https://www.cncf.io/blog/

CNCF Survey 2018

58%

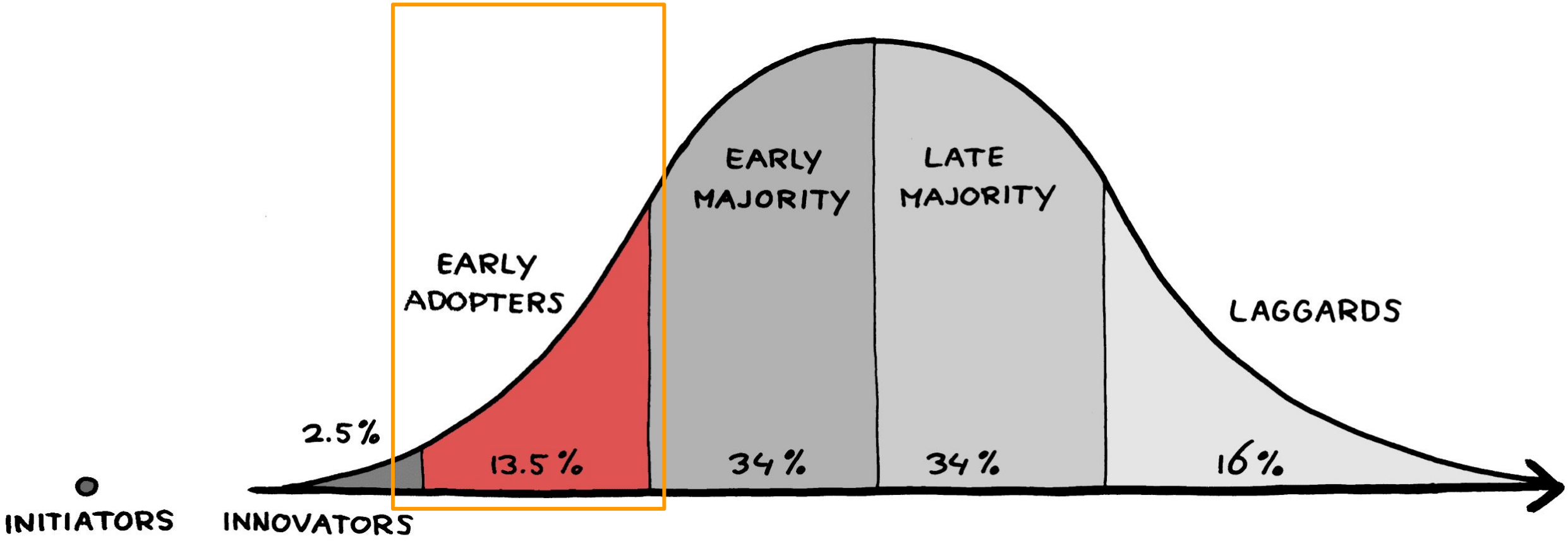
of respondents are running Kubernetes in **production**.

40%

of respondents from **enterprise** (5000+ employees) are running Kubernetes in **production**.

https://www.cncf.io/blog/

Technology Adoption Lifecycle



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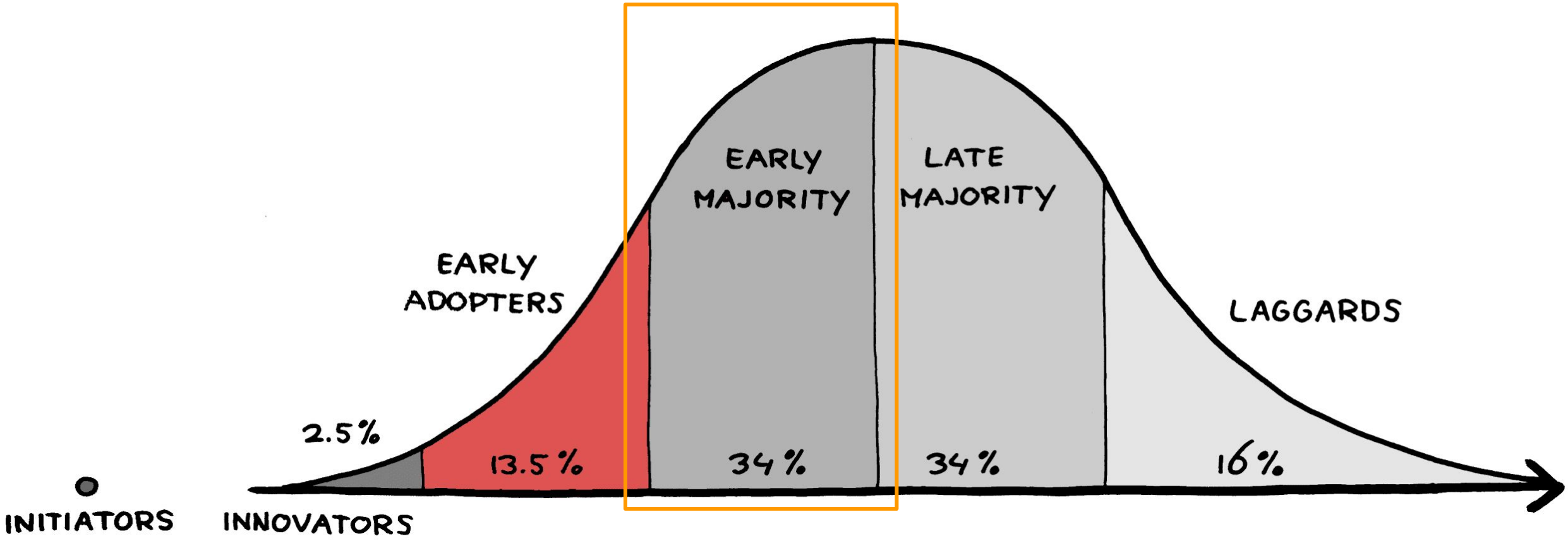
Technology Adoption Lifecycle



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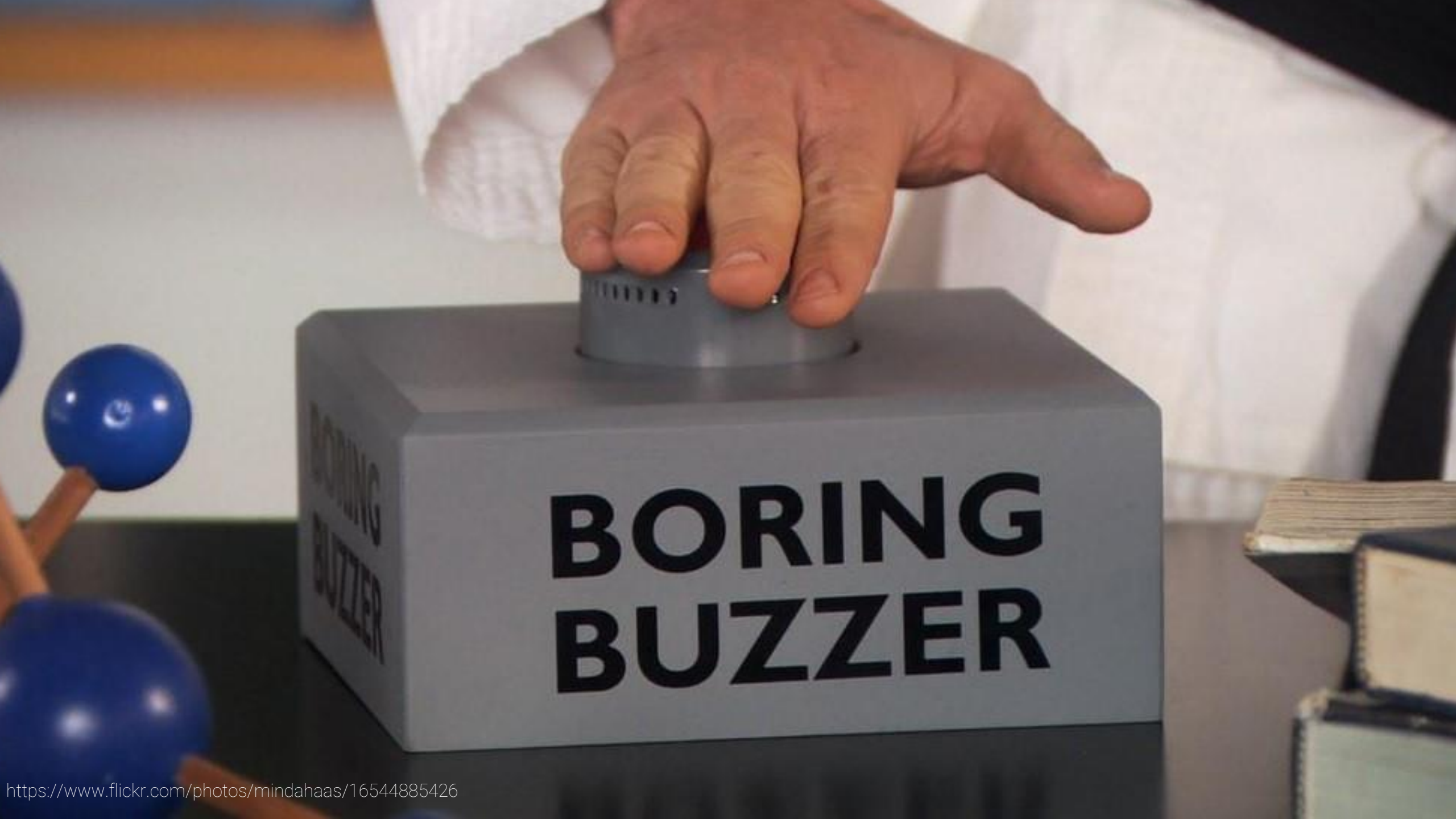

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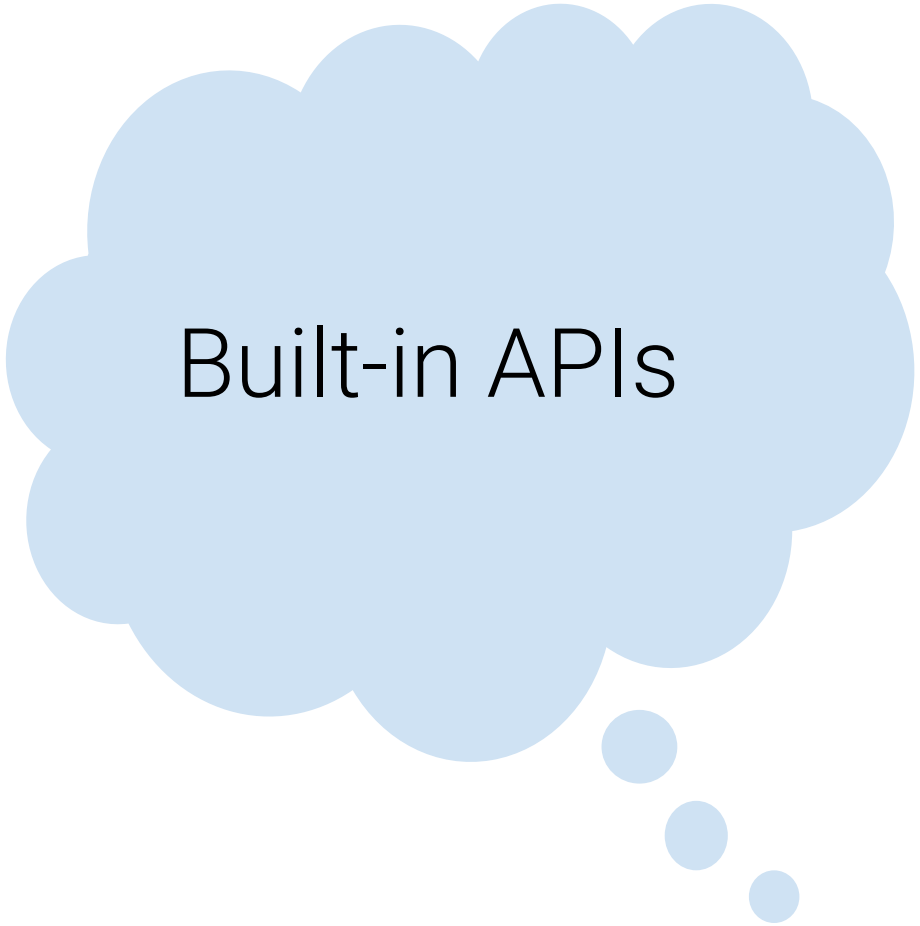
Open Standards

+

Extensibility

Open Standards



Open Standards

Built-in APIs

Conformance

Extensibility

Infrastructure Extensibility

API Extensibility

https://commons.wikimedia.org/wiki/File:BalticServers_datacenter.jpg

API Extensibility

Custom APIs + Controllers

(automation engine)

API Extensibility

Custom APIs + Controllers
(automation engine)

API Policy

Open Standards

+

Extensibility