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CNCF Introduction Linux Collaboration Summit 2016

Alexis Richardson, CNCF TOC chair

March 30th, 2016

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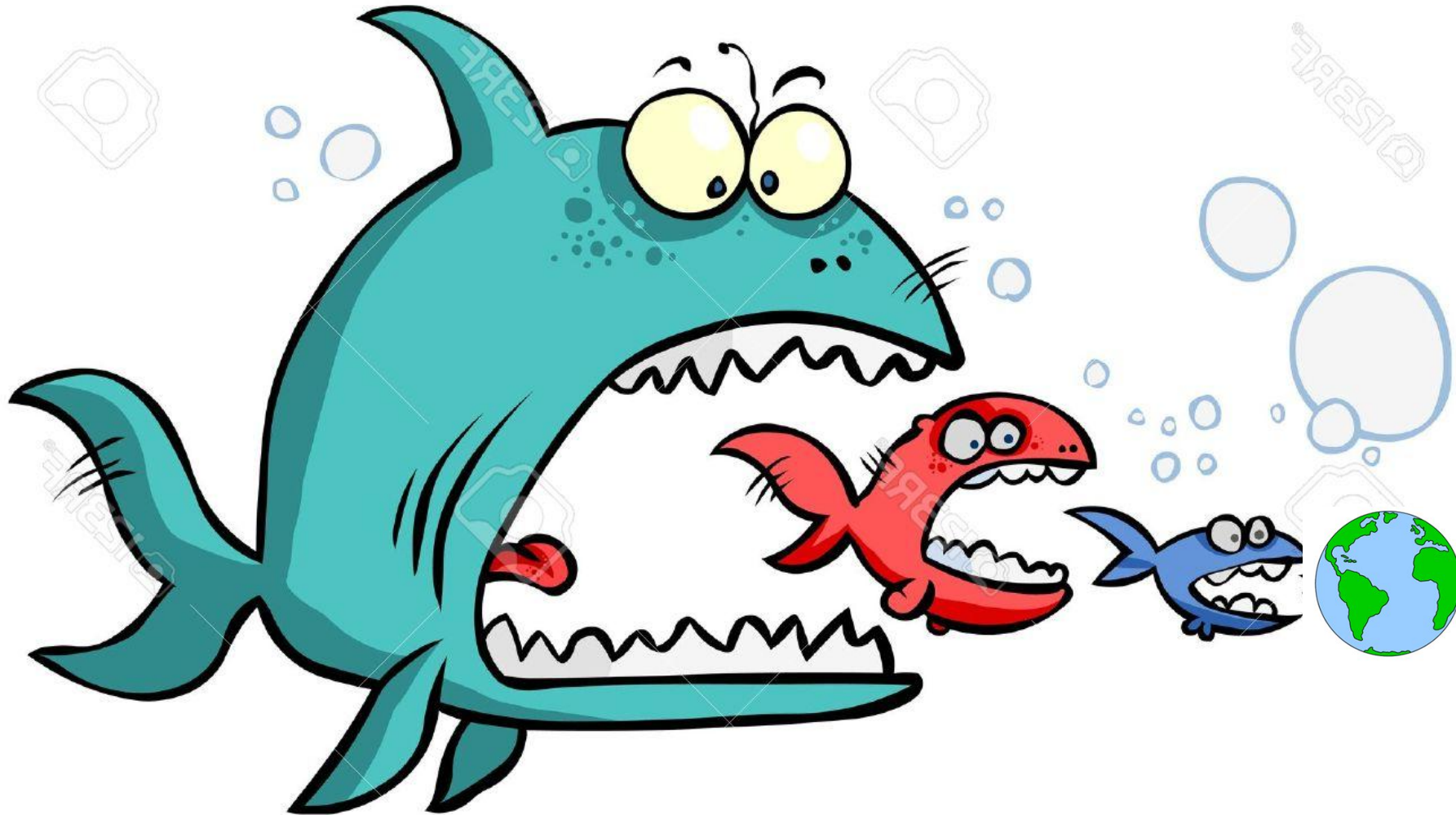
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Software is eating the world

Open Source is eating Software
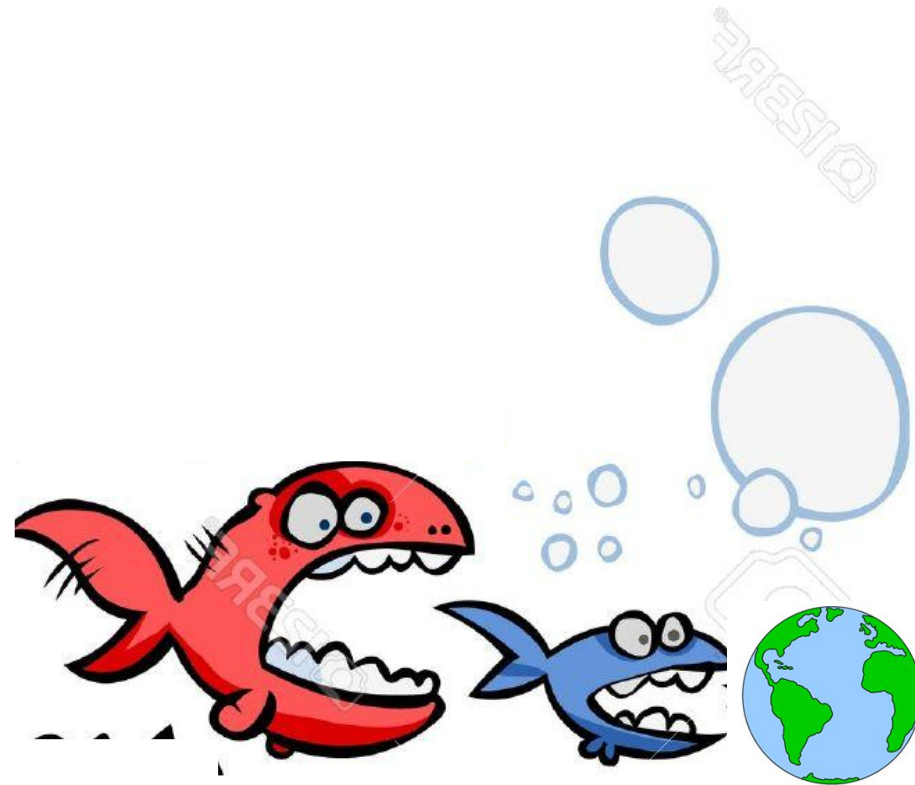
Cloud is eating Open Source

What customers want

No more confusion

Guidance and clarity

A badge of quality

A common set of tools for cloud native apps

Shared through a modern, trusted commons

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Cloud Native

Software and patterns for...

Container based

Microservices oriented

Programmable infrastructure

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A commons under LF

What IETF is to Internet & email...

What Apache is to Big Data...
   (Hadoop & ecosystem)

... CNCF is to Cloud Native

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What lives in CNCF

IP:

   Open Source - running code

   Specifications for interoperability & patterns

Infra:

   eg. Intel cluster for large scale testing

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Modern principles

"No kingmakers"

   Competing approaches are OK

   Emergent standards based on real world USE

"Github way"

   Projects enjoy largely autonomous governance

   TOC as facilitator: helps, enables, encourages

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3 phase plan

Standards emerge

Consolidate brand

Build velocity

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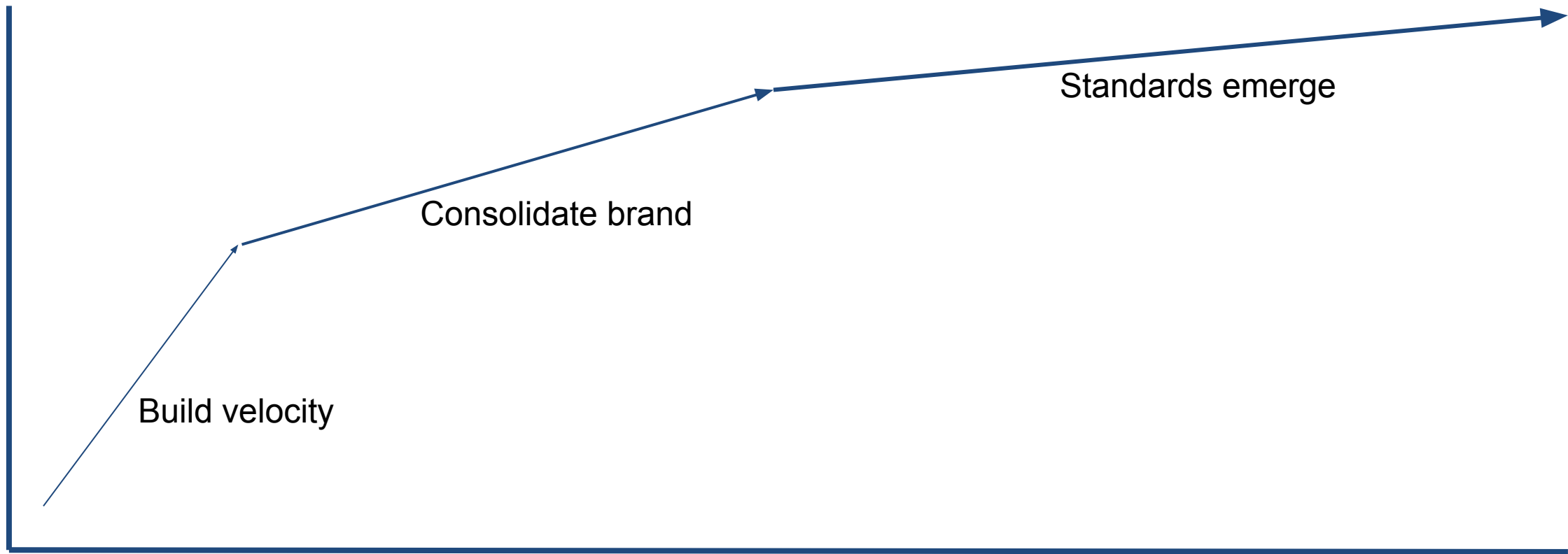
We have an amazing TOC

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*Note: TOC meetings shall require a **quorum of two-thirds of the TOC total members to take a vote or make any decision.** If a TOC meeting fails to meet the quorum requirement, discussions may proceed, however there shall be no voting or decisions.*

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Which projects?

High Quality & Velocity
Cloud Native
Foundation Affinity

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Ok, no really, which projects?

Kubernetes accepted, now in incubation

But this is NOT a 'Kubernetes foundation'

We want lots more projects

Our doors are open - watch for announcements

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What projects are we looking for?

Containers - microservices - programmable infra

CI/CD - Networking - Storage - Logging - Nodes - Services - Monitoring - Visualization - **and more..**

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Thank You