



DockerCon Day 1
Welcome
Ben Golub - CEO
@golubbe





#dockercon #dockerselfie

- USE THESE AND WIN COOL PRIZES
- REMEMBER TO INCLUDE @DOCKERCON



The Two Fold Test



The Two Fold Test



Results of the “Thanksgiving Test”

“He does something in computers, but still hasn’t fixed my AOL”

Results of the “Thanksgiving Test”

“He does something in computers, but still hasn’t fixed my AOL”

“Maybe he works with the longshoremen’s union?”

“Something to do with digital khaki pants”



Results of the Global Significance Test



A Fundamental Part of...

“how we build, ship, and run distributed applications”

“how we are transforming genomics”

“how we think about the data center of the future”

“how we have transformed the culture of IT”

“how I teach computer science”

“how we will program the internet of things”



Some Thank You's



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Thank You to the Giants



- Namespaces (IBM)
- Cgroups (Google)
- LXC tools
- The Linux Kernel
- Git
- SELinux (Red Hat)
- Solaris Zones
- BSD Jails
- +++

We know we're standing on your shoulders

A large grid of 100 small images, mostly portraits of people, with a central dark grey rectangle containing the text "1300+ Contributors" in white. The portraits are diverse in style, including realistic photos, stylized avatars, and various digital art. The central text is prominently displayed in a large, white, sans-serif font.

Thank You to the Amazing Global Meetup Community

185

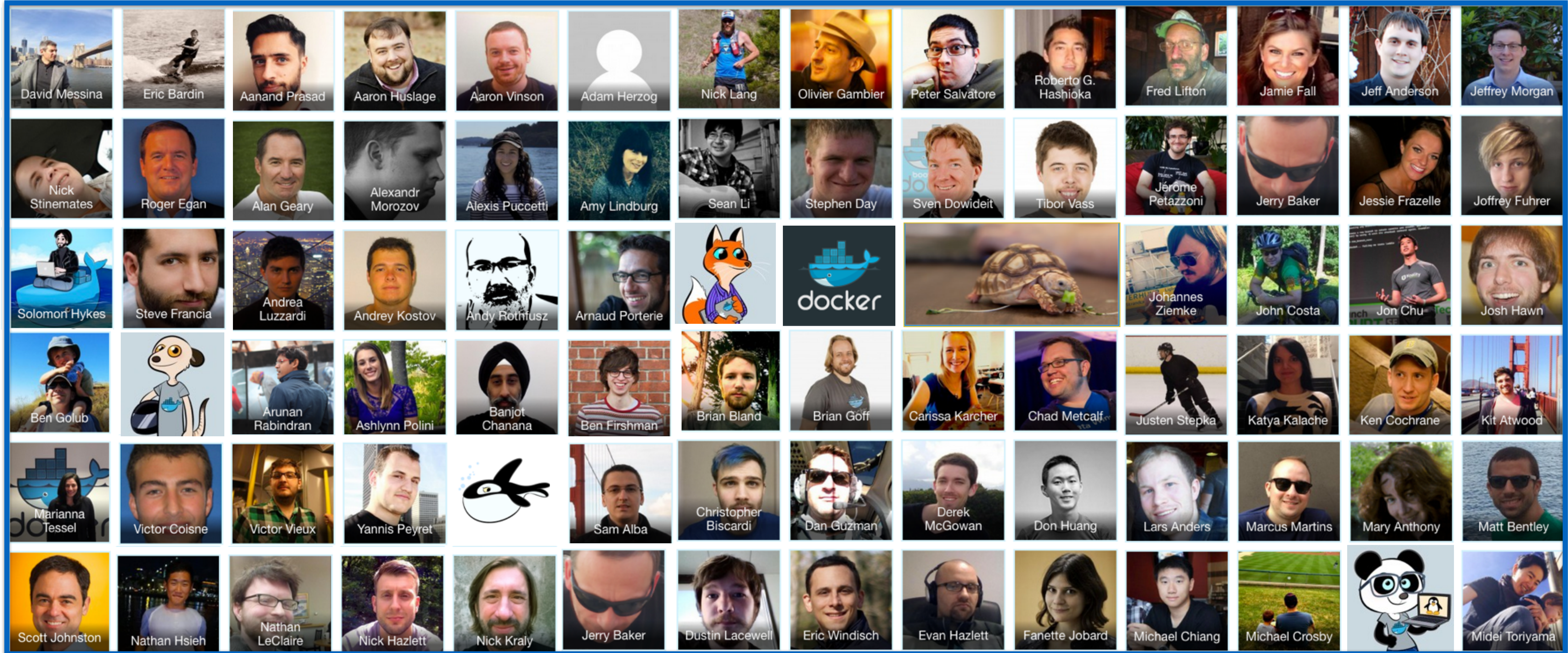
Groups

58

Countries



Thank you to the awesome Docker Inc team



Because of you, Gordon now has company



- Introducing Molly Dock
- “Adopted” using donations tied to code contribution



Thank You to Our Users

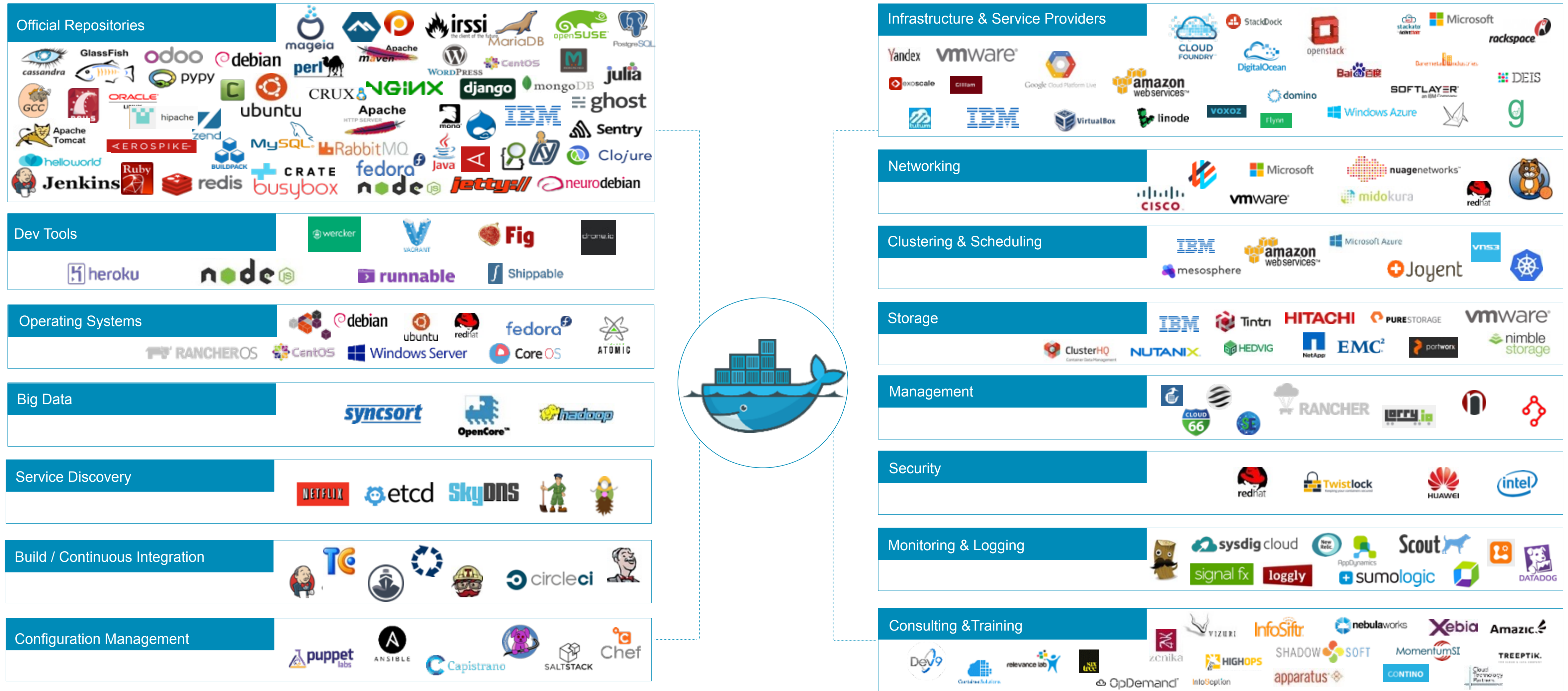


Booz | Allen | Hamilton

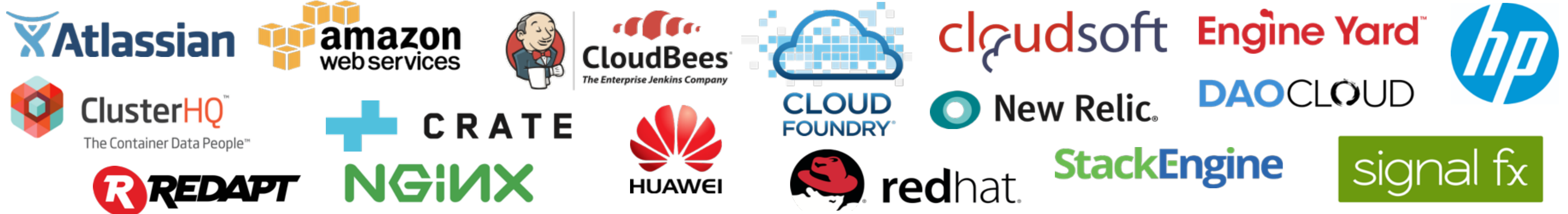


*A small subset of the 100s who are using and/or writing about us
Thanks to those above for talking about their experiences at previous and current DockerCon events

Thank You to the Ecosystem



Thank You to Our Amazing Sponsors





State of the project



Our Little Whale is Growing Up

DockerCon '14:
15 Months



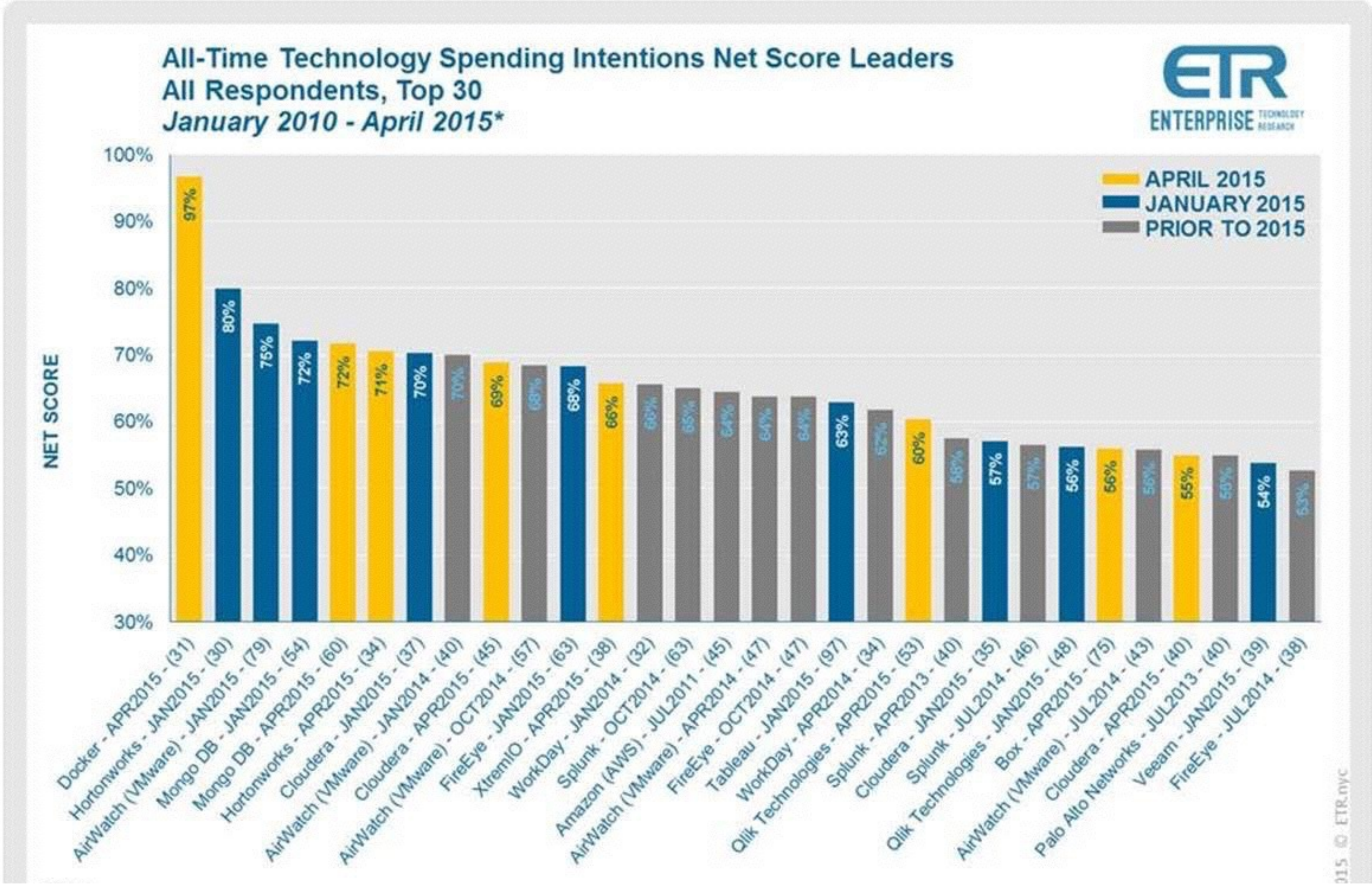
DockerCon '15 :
2 yrs, 3 Months

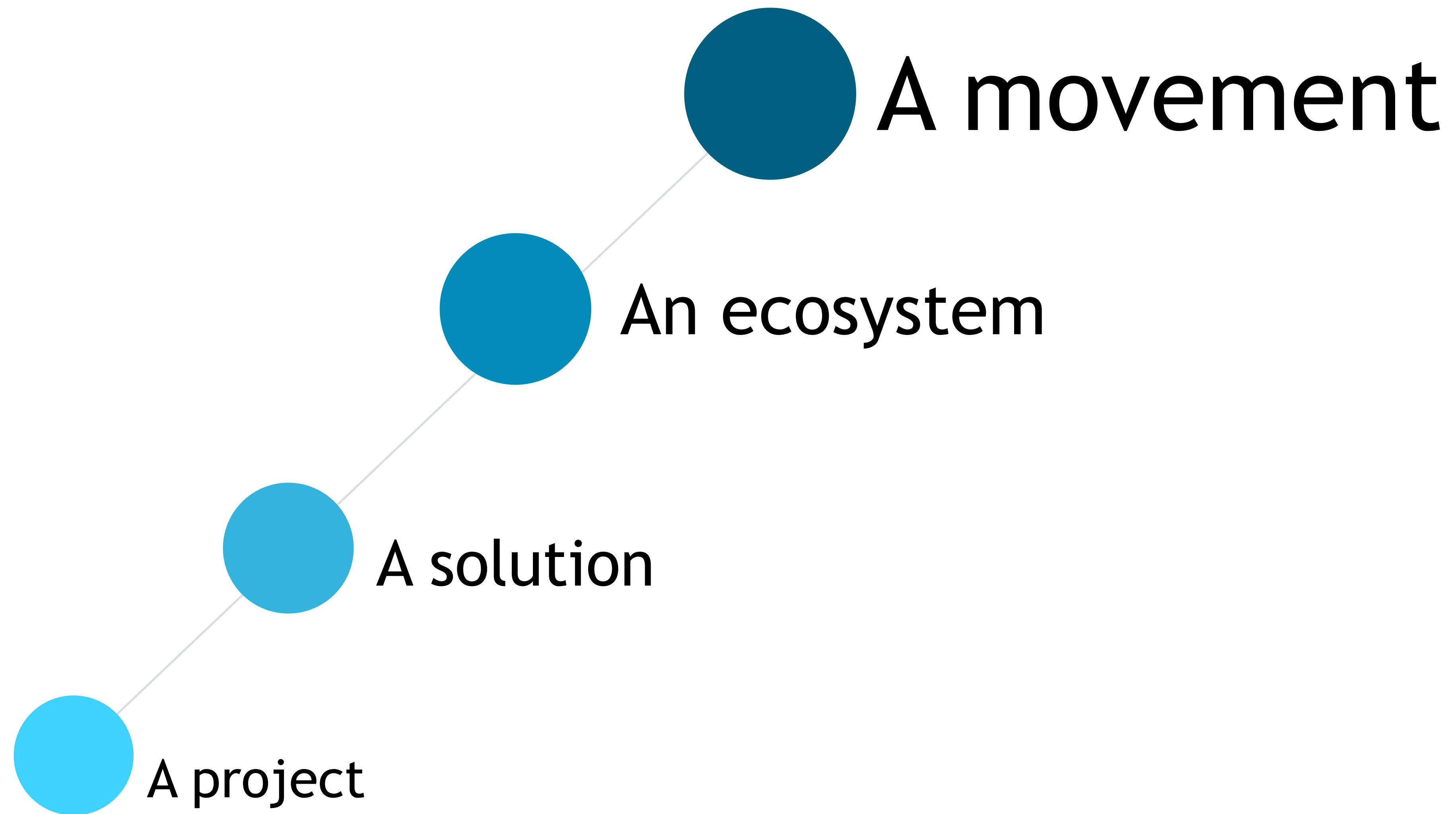


Some Growth Statistics

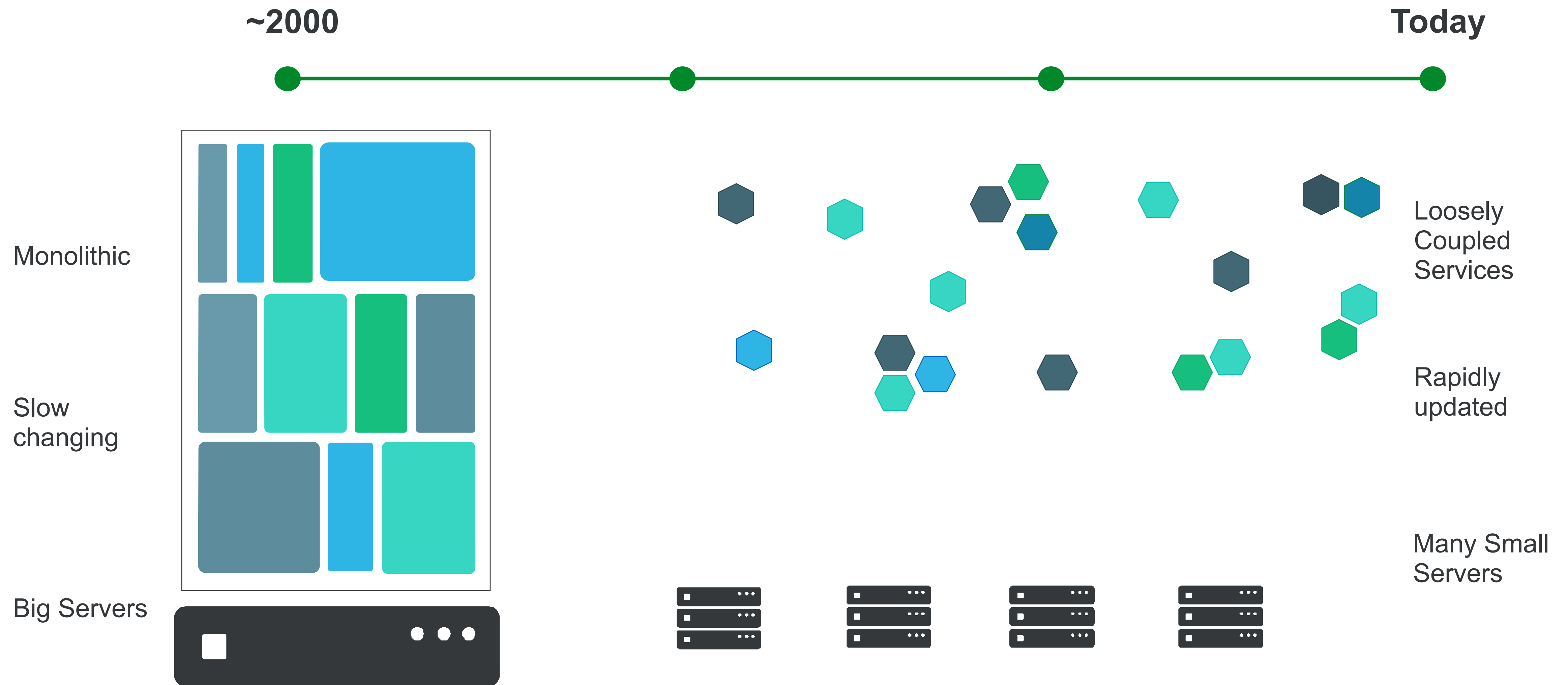
	June 2014	June 2015	Growth
<i>Contributors</i>	<i>460</i>	<i>1,300</i>	<i>183%</i>
Projects on GitHub	6,500	40,000	515%
<i>Docker Job Openings (Indeed)</i>	<i>2,500</i>	<i>43,000</i>	<i>1720%</i>
Dockerized Applications	14,500	150,000	934%
<i>Boot2Docker Downloads</i>	<i>225,000</i>	<i>3,500,000</i>	<i>1,456%</i>
Container Downloads	2,750,000	500,000,000	18,082%

Enterprise Adoption Trends

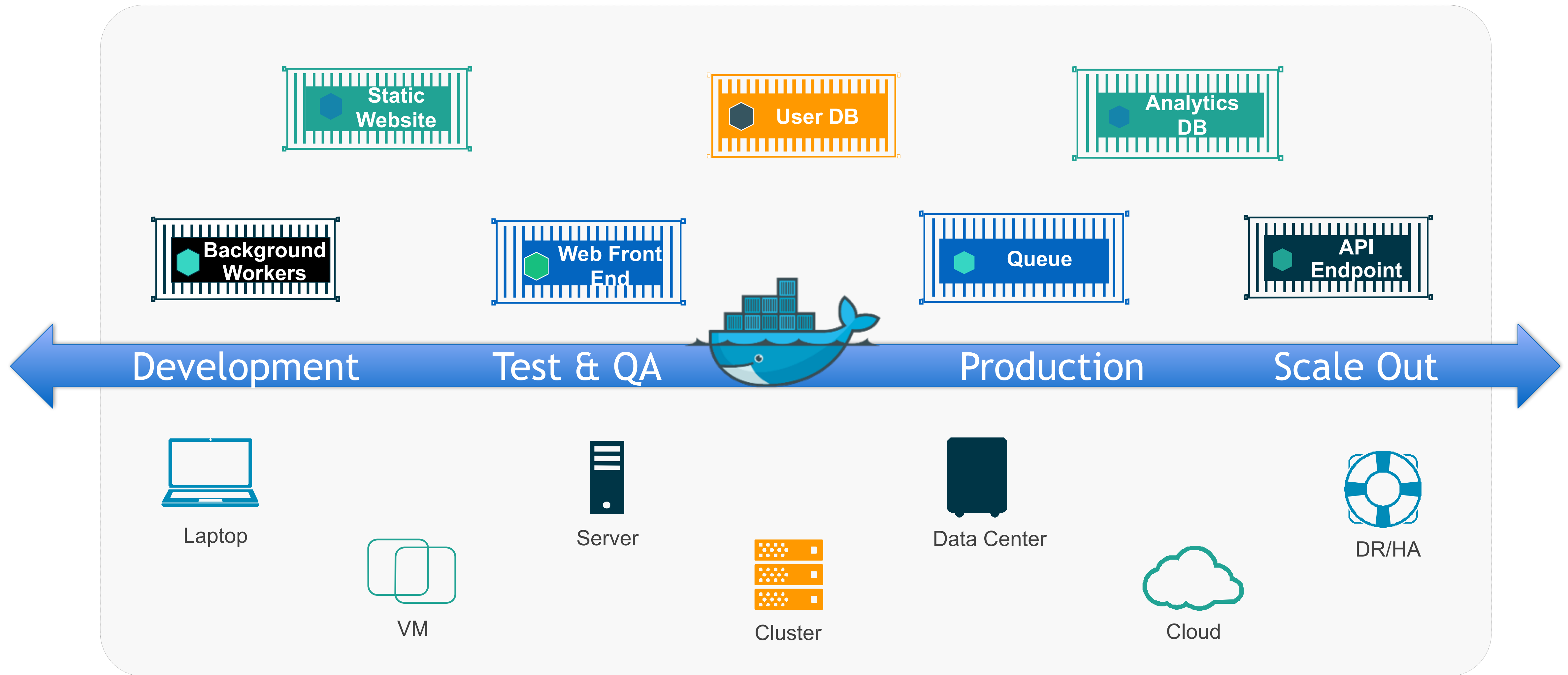




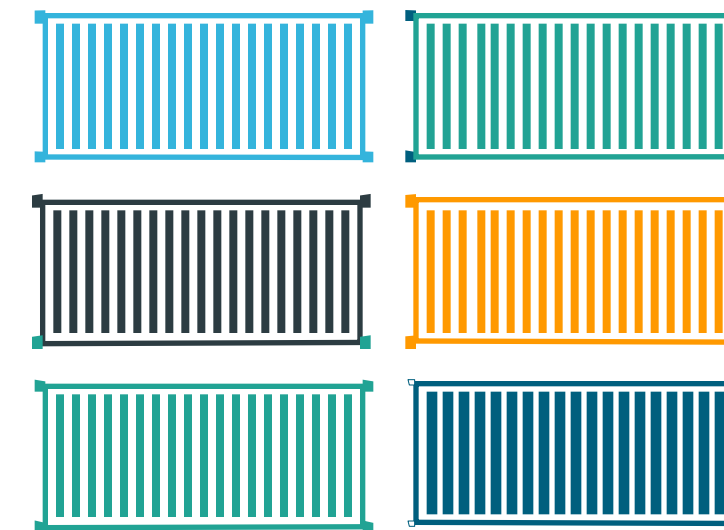
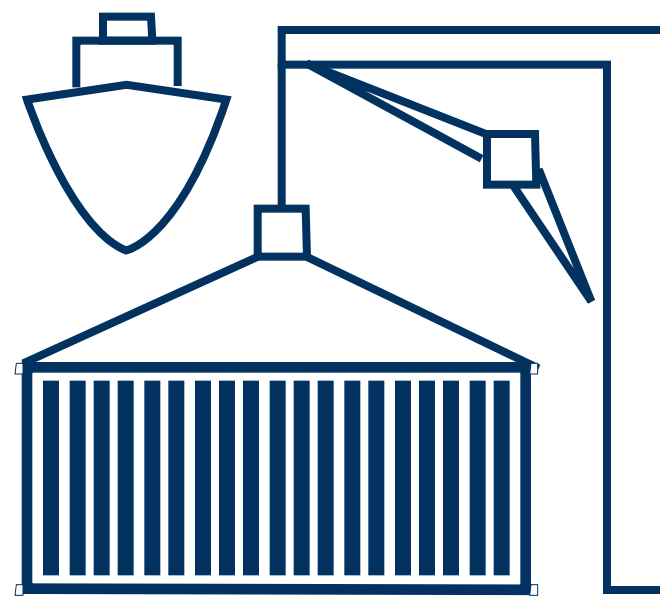
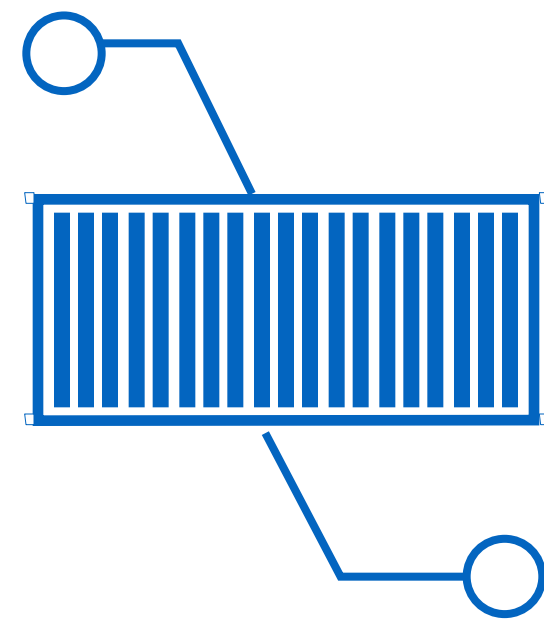
Apps Have Fundamentally Changed



Distributed Applications Solution



The Future of Distributed Applications in 5 Steps



Create lightweight
Container

1

Make container standard,
interoperable, easy to use

2

Create an ecosystem

3

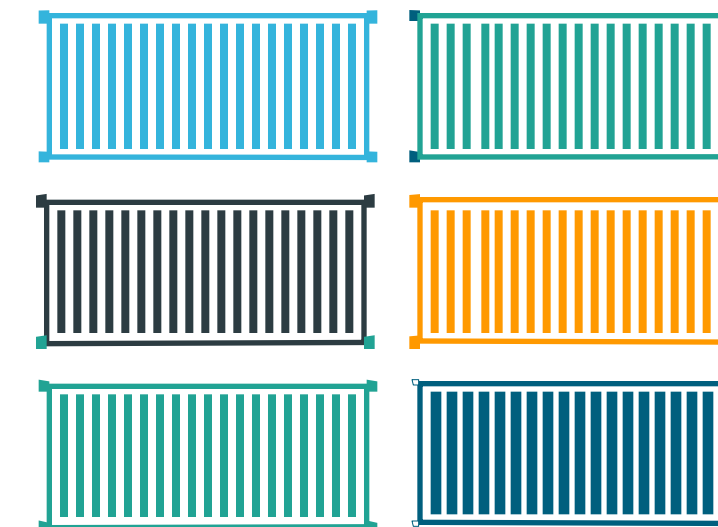
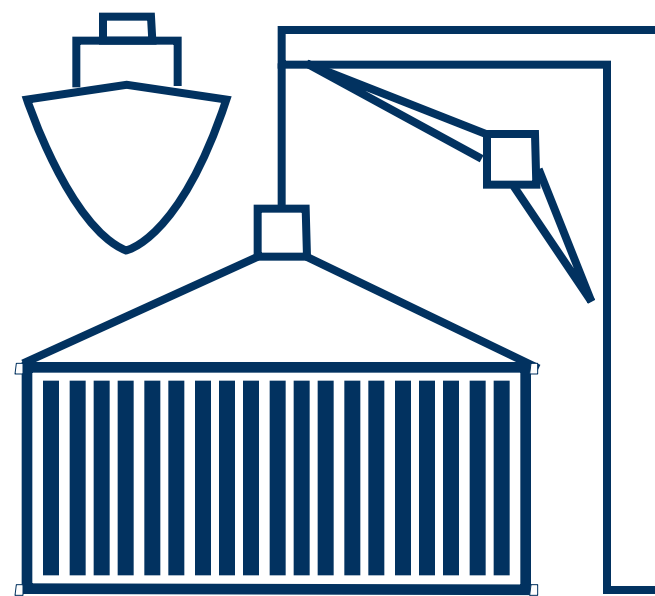
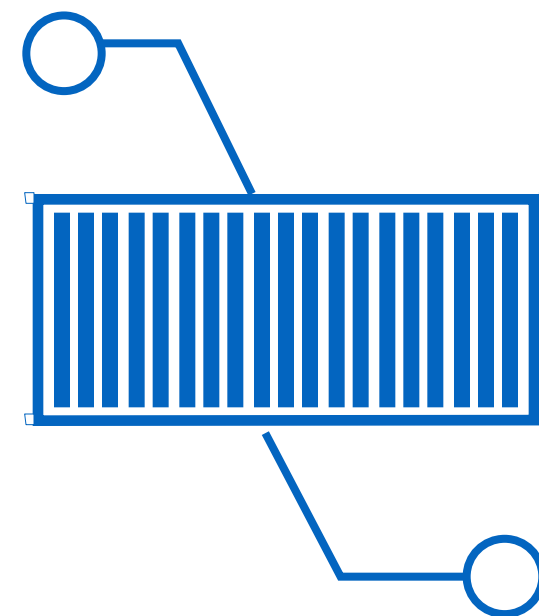
Enable a Multi-
Container Model

4

Create a platform
for managing it all

5

The Future of Distributed Applications in 5 Steps



Create lightweight
Container

Make container standard,
interoperable, easy to use

Create an ecosystem

Enable a Multi-
Docker App Model

Create a platform
for managing it all



3

GREAT
MORE TO COME!

4

DOCKER IN
PRODUCTION

5

Docker in Production



- Real community, robust ecosystem
- Works for everyone (developers, devops, & ops)
- Works everywhere (multi-arch, multi-OS, on & off prem)
- Extensible & Pluggable
- Solutions and roadmap
 - 🛡 Security
 - 🐙 Orchestration
 - 🔌 Networking & storage
 - ♻ Workflows for developing, shipping, deploying/managing
- Real users

And that's what this DockerCon is all about

Because this is only the beginning

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“how we are transforming genomics”

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