Annonces DockerCon 2018 - 28 June 2018, Grenoble

Michael Bright, @mjbright Consulting

Slides & source code at https://mjbright.github.io/Talks

Agenda

- Tour de Table - "Connaissez-vous DockerCon?"
- Schedule - Labs, Keynotes, Breakouts, Party, Hallway Tracks ...
- Keynote Announcements
- Breakout Sessions - the best
- Cool Hacks
- DockerCon Europe, 3-5 Dec, Barcelona

Michael Bright, @mjbright Consulting

- Cloud Native Solution Architect
- Trainer: Kubernetes, Serverless, Docker, CloudNative
- Past researcher, dev, team lead, dev advocate
- British, living in France for 25-years
- Docker Community Lead, Python User Group

DockerCon 2018 Schedule

DockerCon 2018 Schedule

Preconference Training Day

2-hour workshops, $300

Using Istio - Lee Calcote, SolarWinds

Migrating a .Net App to Docker - Steven Follis, Docker

Migrating a Java App to Docker - Sophia Parafina, Docker

Docker Storage Concepts - Derrick Miller/Dan Finneran, Docker

Networking For Swarm And Kubernetes In Docker Enterprise Edition - Andy Randall, Docker

Monitoring And Logging - Brian Christner, Docker

Container Troubleshooting With Sysdig - Michael Ducy, Sysdig

Secure, Automated Software Supply Chain - Andy Clemenko, Docker

Day0: Training, Captains, Community Leaders ...

Docker Captains

vdemeester and 5 others Retweeted

Michael Irwin @mikesir87 · 18 Oct 2017

Captains, assemble! #dockercon #dockerselfie

3 17 42

Community Leaders

Adrian Mouat and 1 other Retweeted

David Friedlander @i_am_davidf · Jun 13

Our #docker community **leaders** are just awesome! They surprised @kbajza13 with birthday flowers and a signed mug. #DockerCon

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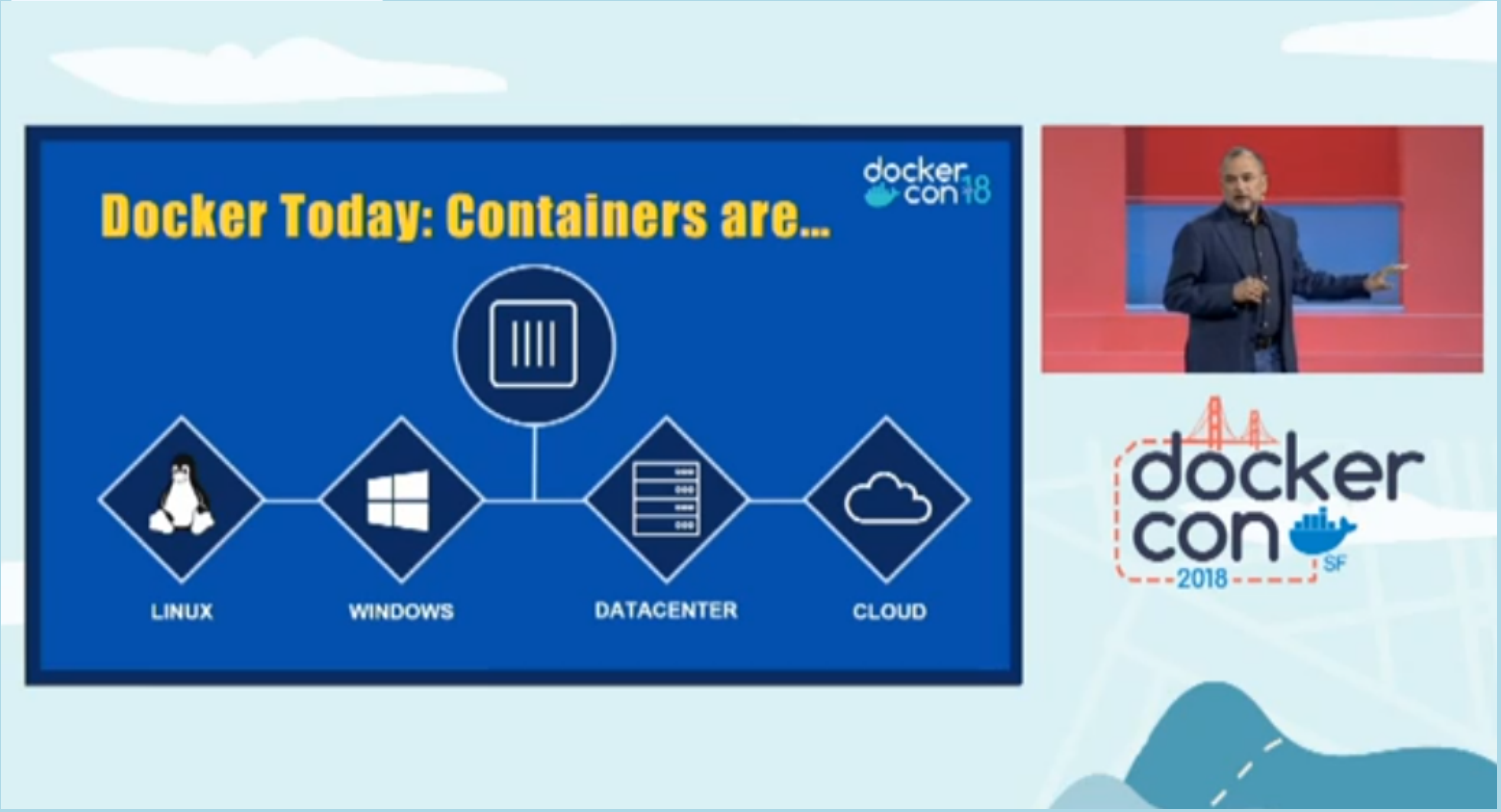
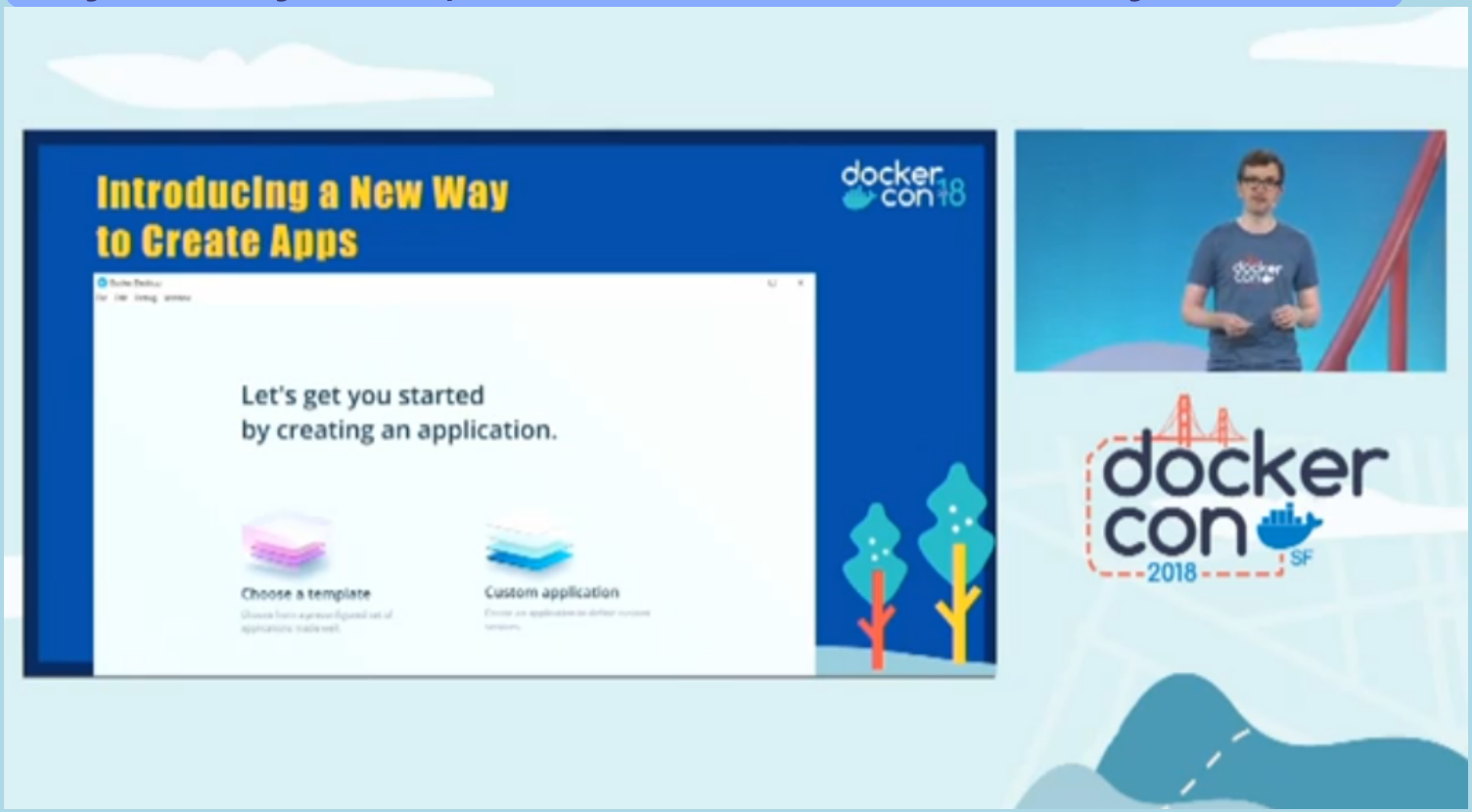
Day1: KeyNote/Breakouts, Community Theatre

2hr Keynote:

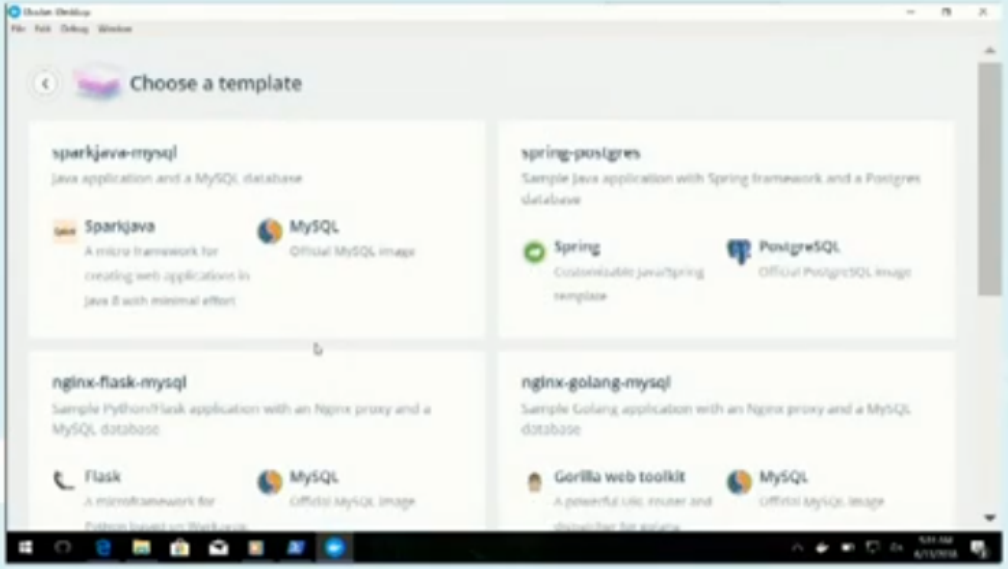


Day1: KeyNote/Breakouts, Community Theatre



SIGN UP FOR Docker Desktop BETA

Day1: KeyNote/Breakouts, Community Theatre



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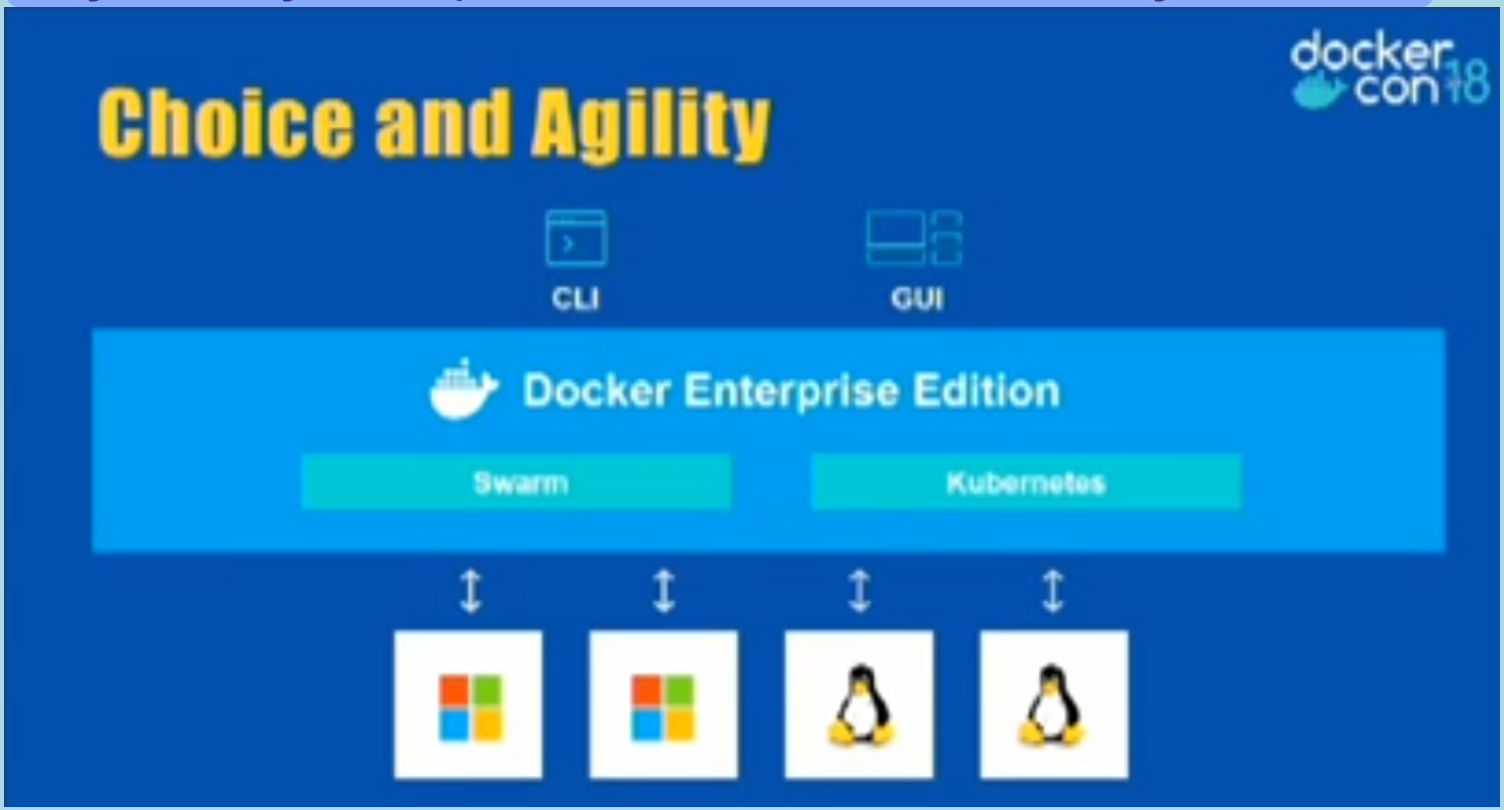
Day1: KeyNote/Breakouts, Community Theatre

The Promise of Choice

Day1: KeyNote/Breakouts, Community Theatre

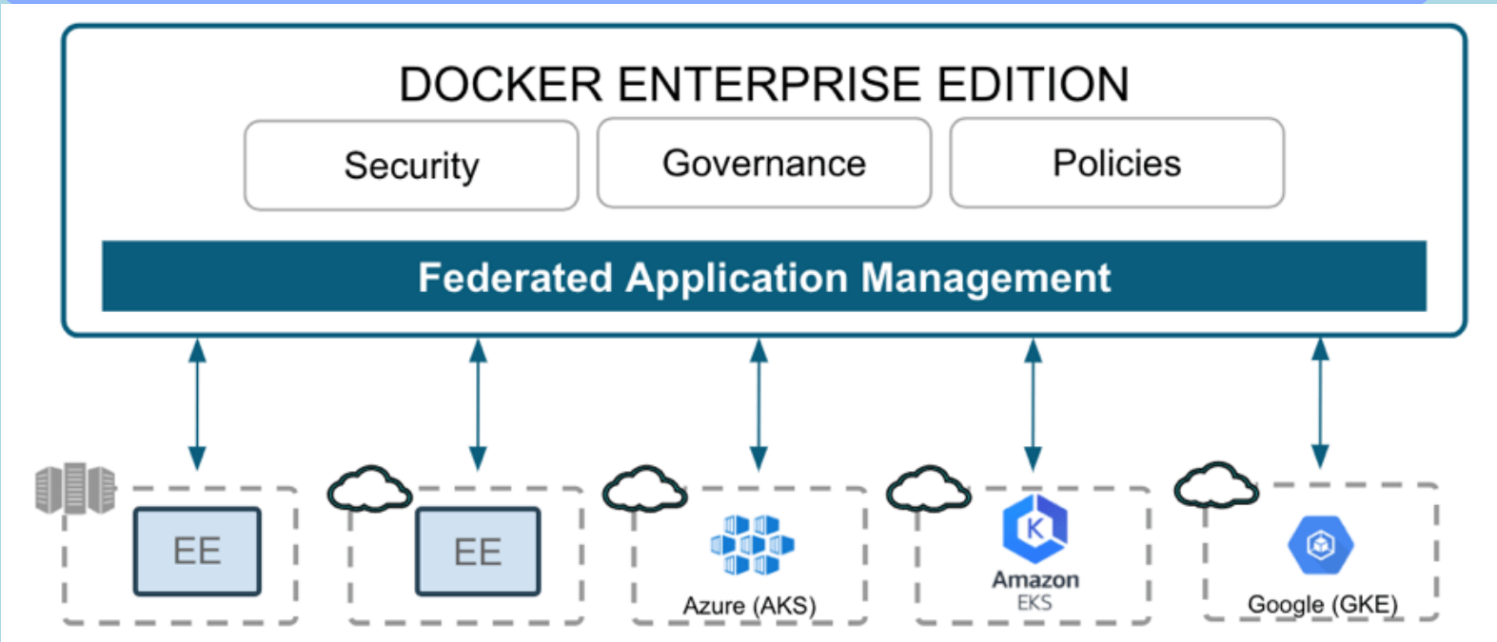
Day1: KeyNote/Breakouts, Community Theatre



SIGN UP FOR Docker Enterprise BETA

- Choice of app definition (k8s or compose yaml)
- Choice of Linux/Windows containers
- Choice of Swarm/Kubernetes orchestrator/cli
- Kubernetes on Docker EE/Windows Server

Day1: KeyNote/Breakouts, Community Theatre



SIGN UP FOR Docker Federation BETA

Demo : **Docker EE**

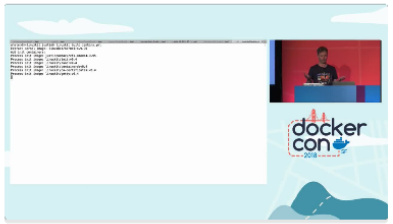
Moved on-premises staging cluster to production cloud

Replicated from East- to West-coast

Day1: Breakouts

Black Belt

Docker Platform Internals: T...



A Vision of Persistence

Istio: Managing, Securing, an...

Kubernetes Extensibility

Kubernetes with Docker

Container Orchestration fro...

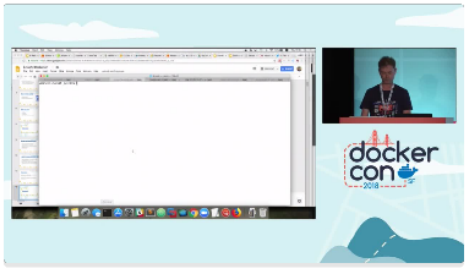
Java in a World of Containers

Windows Container Security

Day1: Breakouts

Contribute & Collaborate

Contributing 101



Docker Platform Internals SIG

Cloud Native Projects SIG Se...

Container Innovation SIG Ses...

Day1: Breakouts

Docker, Docker, Docker

Docker Storage: Designing a...

Networking in Docker Enterp...

Troubleshooting Tips from D...

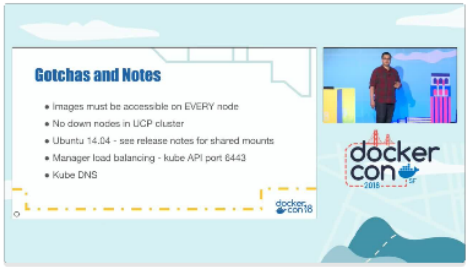
Docker Enterprise Edition: A...

Docker for Developers on M...

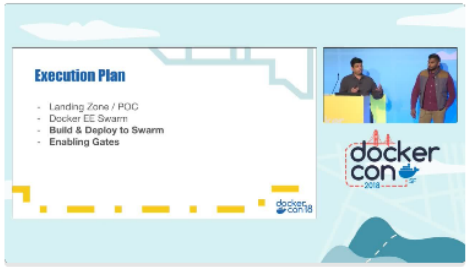
How To Build Your Container...

Day1: Breakouts

Docker in Production



Docker on Docker: Leveragin...



Faster, Safer and 100% User-...

Disruption from Within– Inn...

How to Accelerate Docker Ad...

All Roads Lead to the Cloud:...

Day1: Breakouts

Innovation

Panel Discussion - Serverless

Accessible High Performance...

Docker and IoT: Controlling "...

Democratizing Machine Lear...

Docker, Microservices, and t...

Best Practices and Standards...

Packaging Software for the D...

Accelerating Development V...

Automated Hardware Testin...

Day1: Breakouts

Transform

A Strong Belief, Loosely Held...

Digital Transformation with...

The Complexity to “Yes” in A...

Shaving my Head Made me a...

5 Practices for Better, Cheap...

Diversity is Not Only About E...

Building a Docker Center of...

#bigwhale: An Unexpected J...

Day1: Breakouts

Using Docker

Demystifying Container Con...

Gordon's Secret Session: Ku...

Proactive Ops for Container...

Production SecOps with Kub...

Tips and Tricks of the Docker...

Don’t have a Meltdown! Prac...

Message–Based Microservic...

5 Patterns for Success for Ap...

Building Your Production Tec...

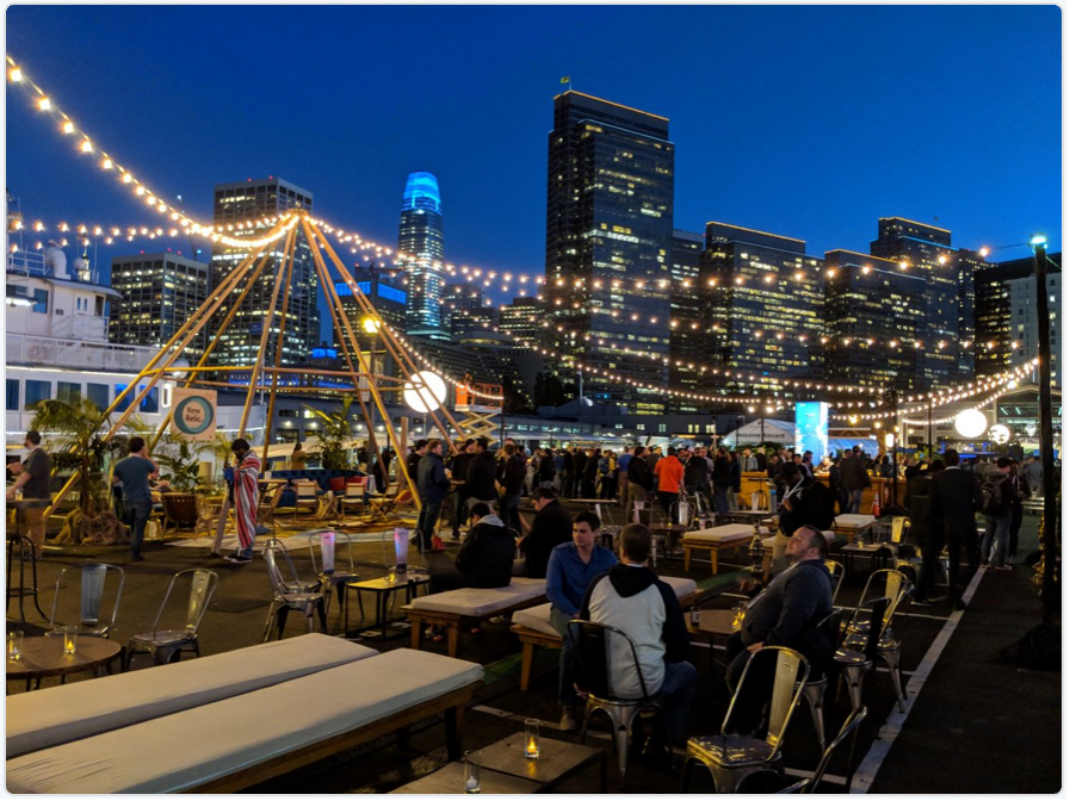
Creating Effective Docker Im...

Day1: Party !!

Victor Coisne and 2 others liked

Sam @samuelkarp · Jun 13

#DockerCon conference **party**



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Day2: KeyNote/Breakouts, Cool Hacks

1hr Keynote:

Day2: KeyNote/Breakouts, Cool Hacks

1hr Keynote:

- Liberty Mutual

Day2: Cool Hacks

Cool Hack 1 - NASA/John Hopkins Applied Physics Lab - DART

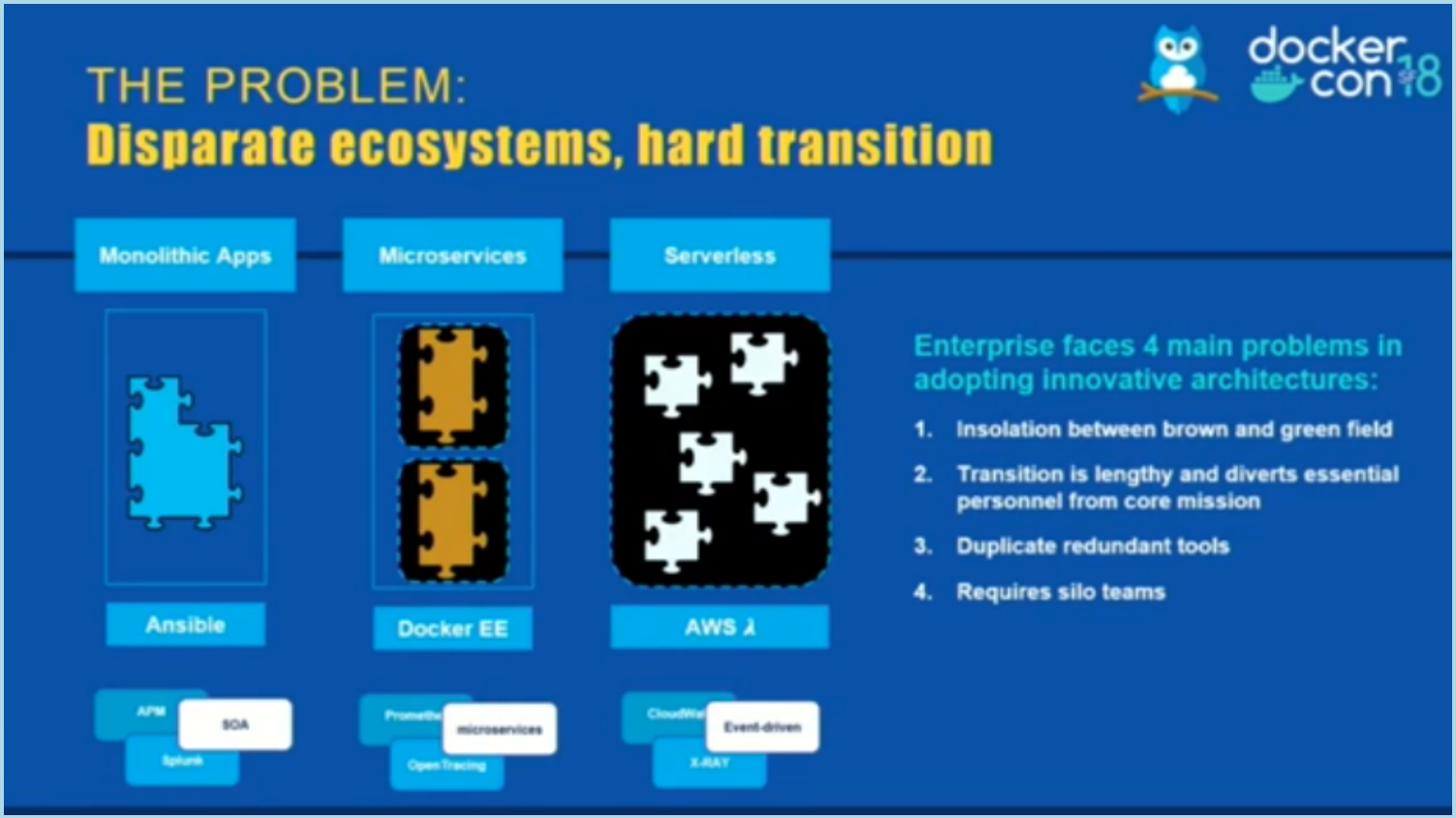
Christopher Heistand presented how they use Docker to perform hardware testing for the DART Satellite mission. DART is an attempt to *"Save the World"* by shooting down asteroids before they can hit earth.

Day2: Cool Hacks

Cool Hack 2 - Google - Machine Learning with KubeFlow

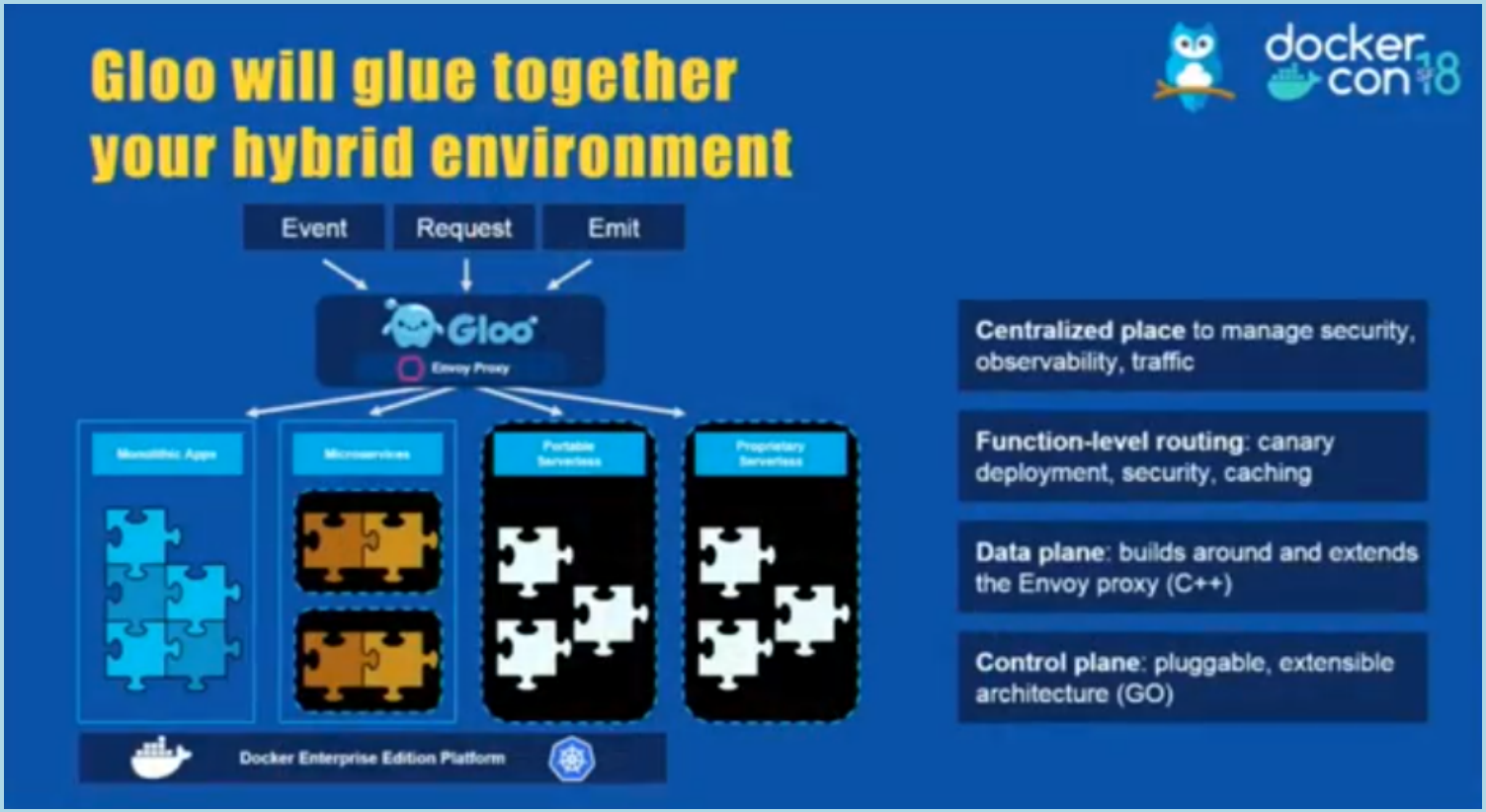
Day2: Cool Hacks

Cool Hack 3 - Idit Levine, Solo.io - Gloo

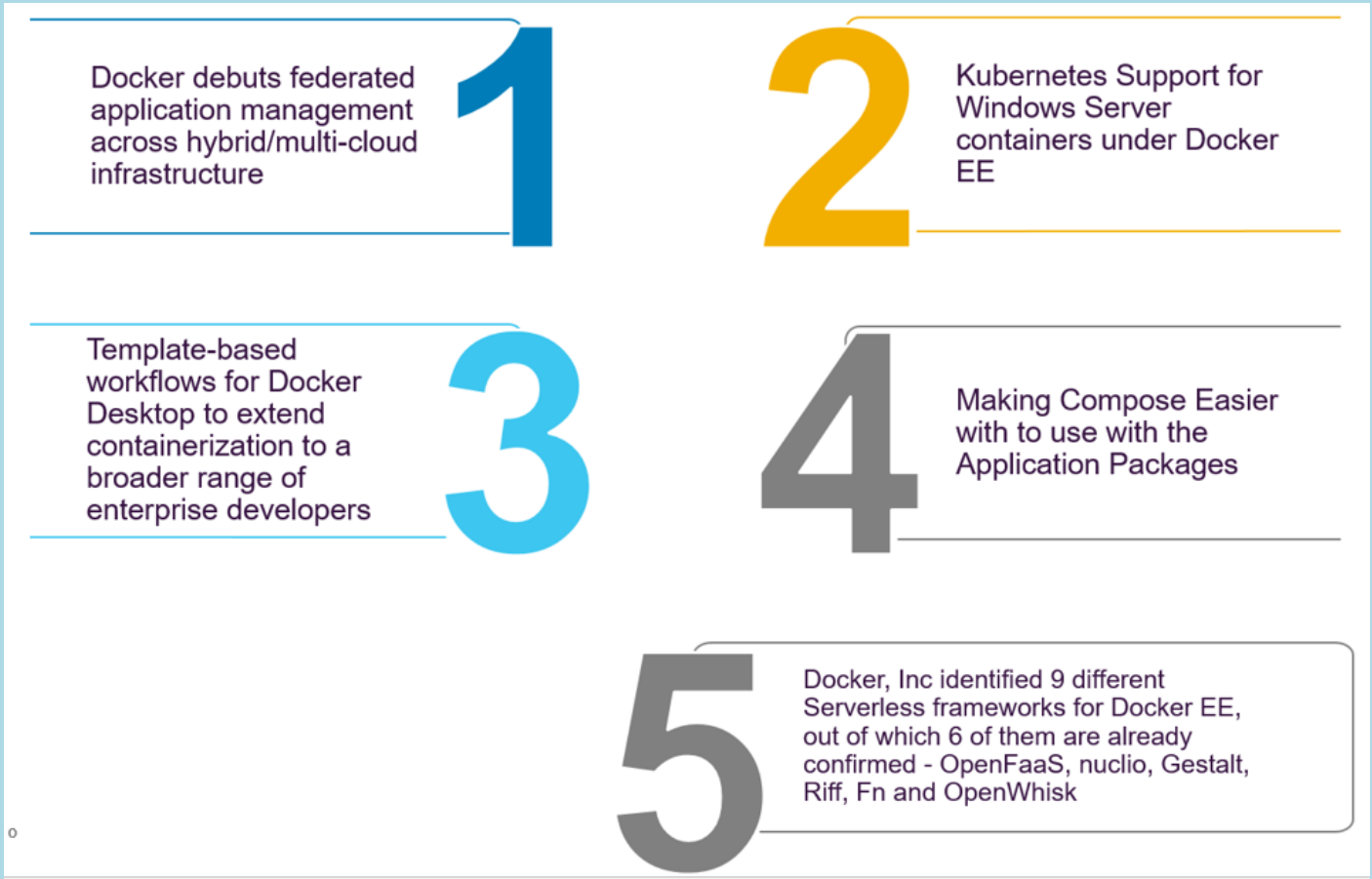


Day2: Cool Hacks

Cool Hack 3 - Idit Levine, Solo.io - Gloo

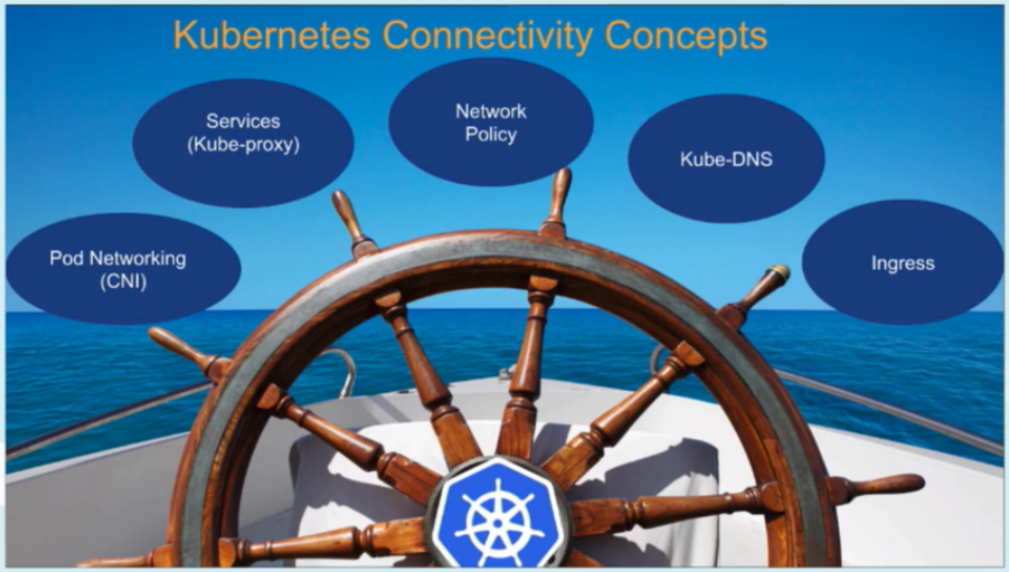


The Top 5 Announcements



src: http://en.community.dell.com/techcenter/b/techcenter/archive/2018/06/26/top-5-most-exciting-dockercon-2018-announcements

Day3: Rerun of best presentations



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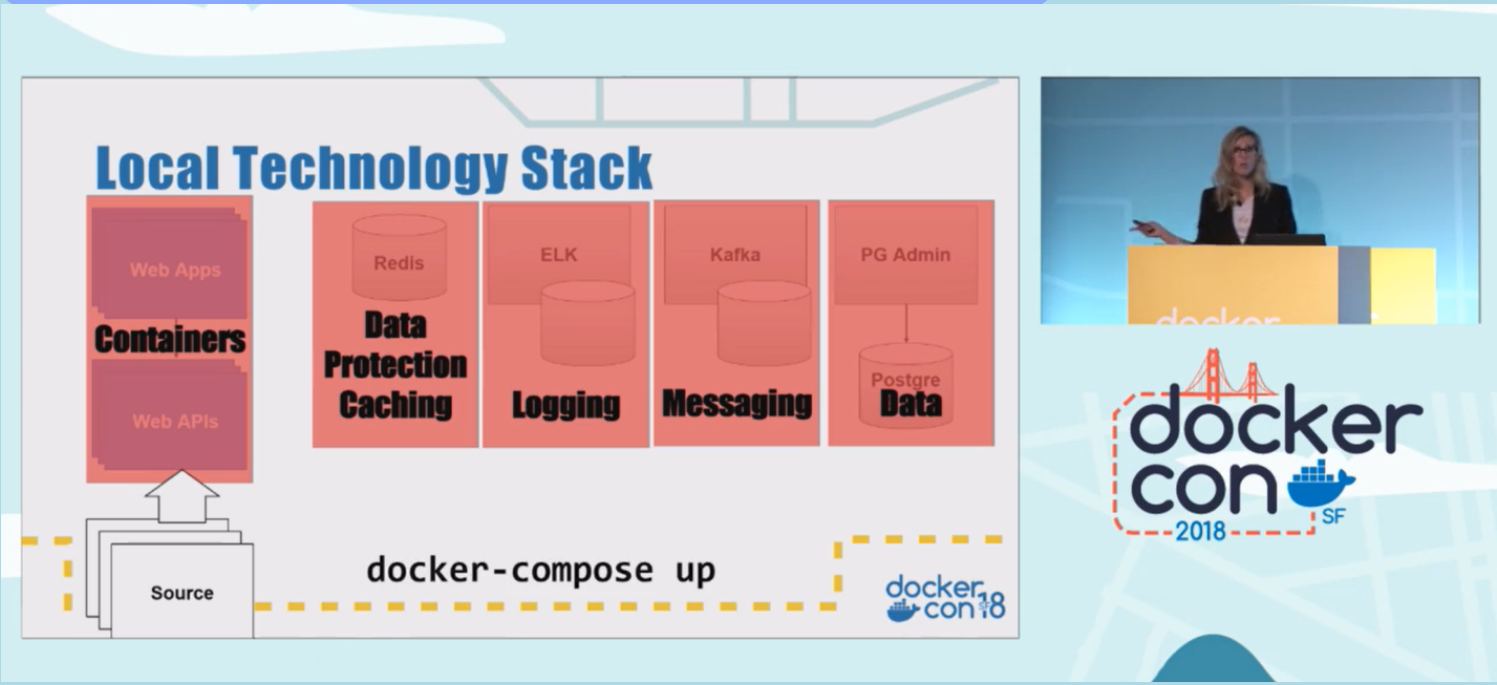
"Demystifying Container Connectivity with Kubernetes in Docker"

Nicola Kabar & Karthik Prabhakar

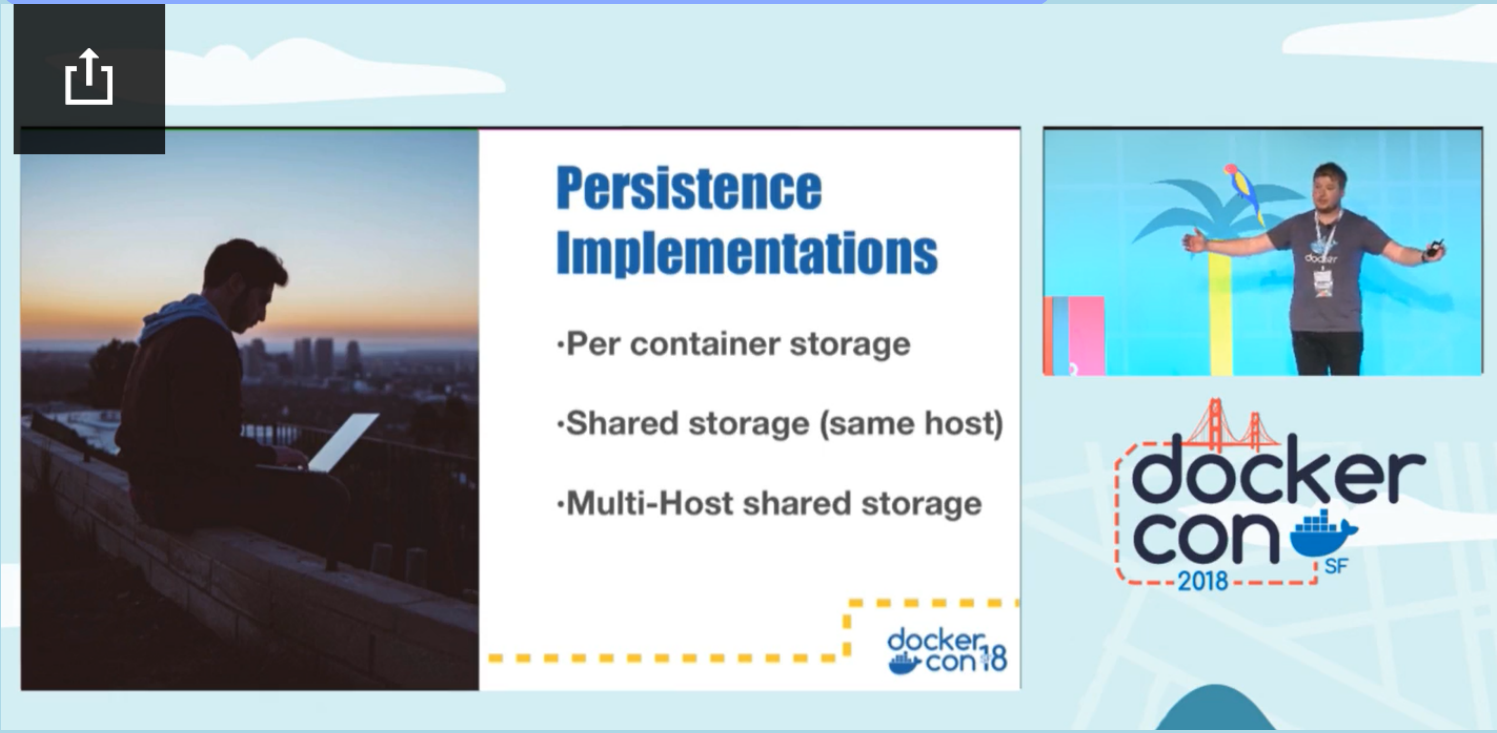
Day3: Rerun of best presentations



"Message-Based Microservices Architectures Driven with Docker "

Michele Leroux Bustamante

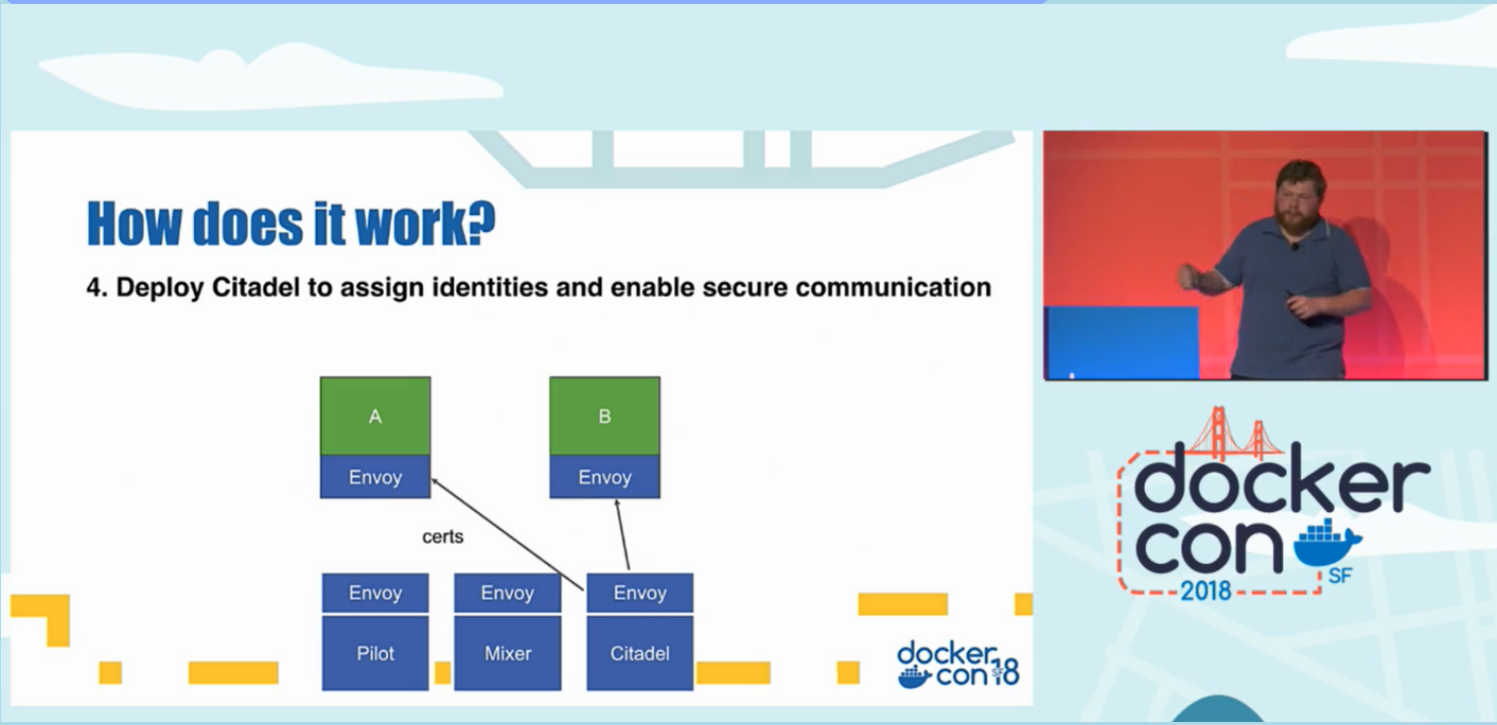
Day3: Rerun of best presentations



"Docker Storage: Designing a Platform for Persistent Data"

Dan Finneran

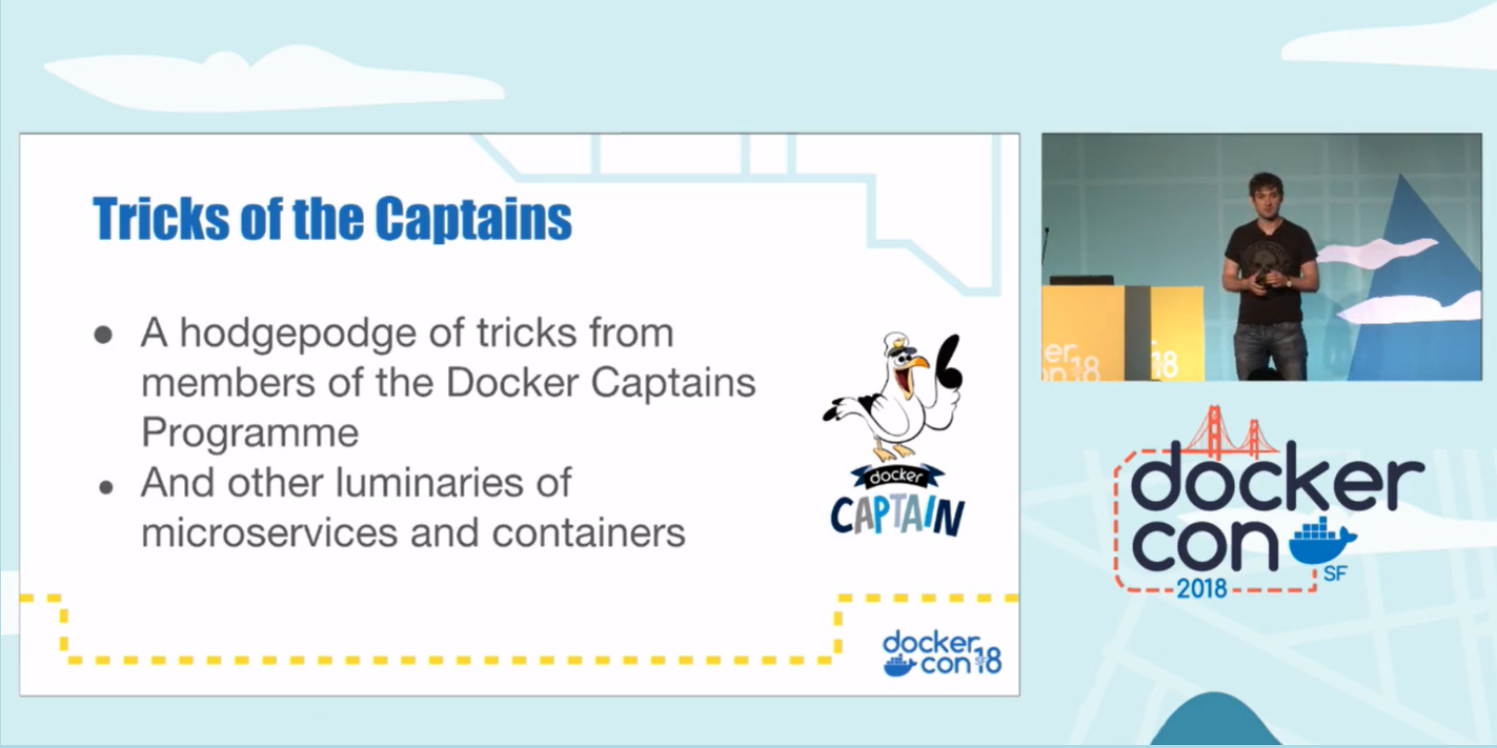
Day3: Rerun of best presentations



"Istio: Managing, Securing, and Observing Microservices"

Lin Sun & Zack Butcher

Day3: Rerun of best presentations



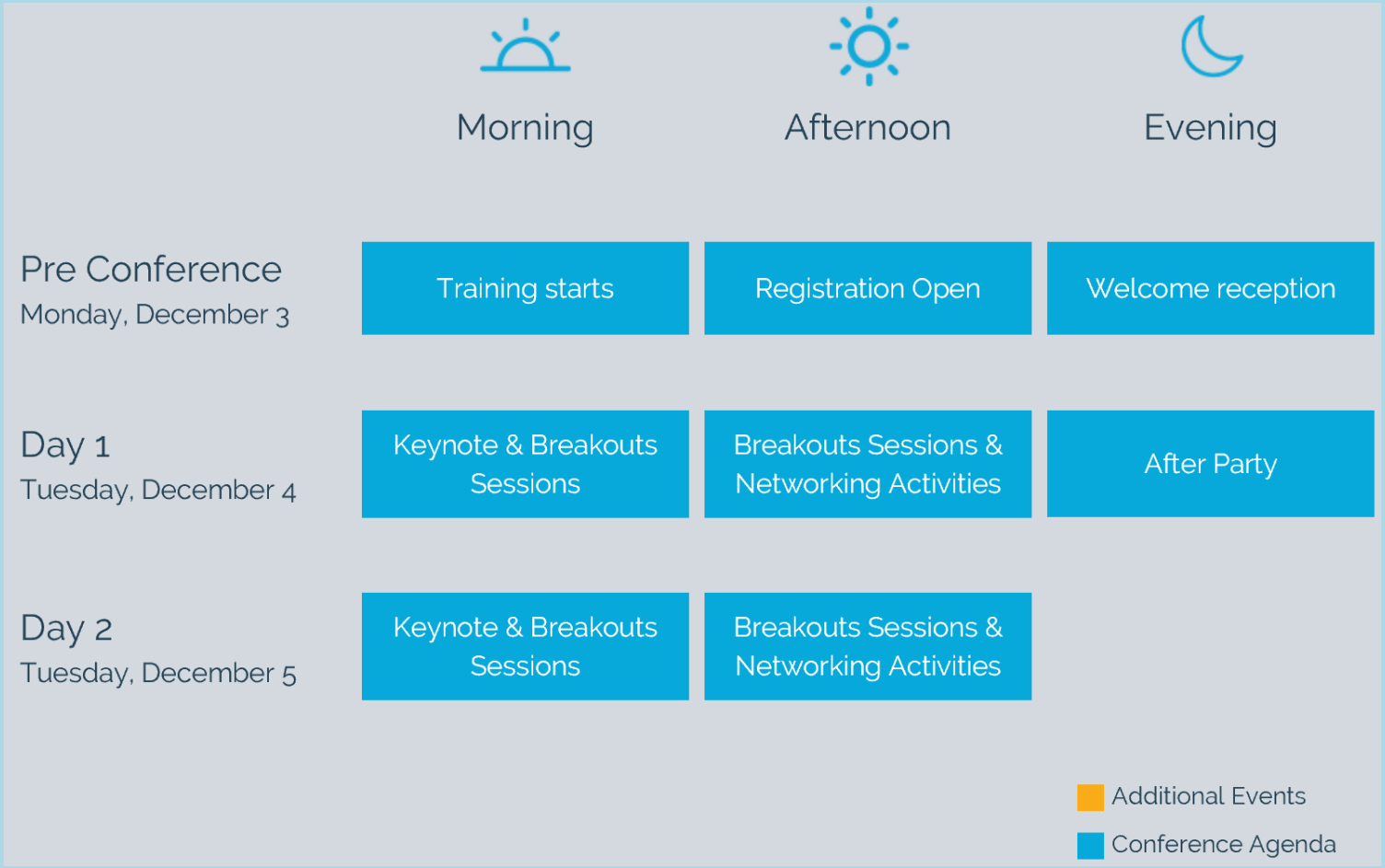
"Tips and Tricks of the Docker Captains"

Adrian Mouat

DockerCon Europe 2018

DockerCon Europe 2018

DockerCon Europe 2018 Schedule



Resources

The Docker Blog (of course!)	https://blog.docker.com/
DockerCon Keynote/Cool Hack Videos	https://www.youtube.com/watch?v=RnWXOAplvjY&list=PLkA60AVN3hh96Ef6GljWoGpXPG23rN7
DockerCon Breakout Session Videos	https://dockercon2018.hubs.vidyard.com/
Top 5 Most Exciting Dockercon 2018 Announcements	http://en.community.dell.com/techcenter/b/techcenter/archive/2018/0(5-most-exciting-dockercon-2018-announcements
A Look Back at DockerCon San Francisco	http://56k.cloud/blog/a-look-back-at-dockercon-san-francisco/

Merci ! - Questions ?

linkedin.com/in/mjbright github.com/mjbright