



Welcome to the {code} Weekly, a Newsletter focused on the {code} Community, Team, open source and storage/container trends in the tech industry.

{code} Weekly Highlights

This week's {code} Weekly brings you the highlights of the {code} Webinar on highly available applications in containers, two technical blogs from {code} Catalyst Aaron Spiegel and {code} Team Member Vladimir Vivien, and a bunch of articles we found that we think you will find interesting.

Of note - there is a Docker Meetup in LA tonight. More information below.

Hope you are having a great week!

[Visit Our Website](#)

{code} Community

Last week we held our second public {code} Webinar, this time with [Kendrick Coleman](#) focused on explaining how to run highly available applications in containers, a topic that many of {code} community members are looking into.

Many of today's "containers in production" applications are stateless, but what do you do about those containers that store data? Is there such a thing as a "dataless" datacenter? The next phase of container maturity is being able to take any application, whether it is a database, key:value store, or a random java app your company built, containerize it and persist the data.

The {code} Webinar also explored persistent storage solutions with all the major platforms like [Docker](#), [Mesos](#), and [Kubernetes](#). A deep-dive and demonstration of [REX-Ray](#) was done to show how any storage platform can be used to provide persistence for highly available stateful containers alongside native integrations to Kubernetes with [ScaleIO](#).

You can watch the [recorded webinar here](#), grab [the slides here](#) and follow us for [future webinars over at Crowdcast.io](#).



[Josh Bernstein](#), VP of Technology at Dell Technologies and leader of {code}, participated in Founders Forum London 2017, 14th-15th June, an exclusive, invite-only group of top-tier entrepreneurs, CEOs and investors from technology, media and digital. Josh participated in a panel discussion on AR/VR: A New Wave of Opportunity moderated by Bernard Charles of Dassault and joined by Sumanta Talukdar of Wave Optics, Ambarish Mitra of Blippar, and Arthur von Hoff of Jaunt VR.



{code} Org Blog: [Prepare to Bare it All with Docker Infrakit and RackHD](#) by [Aaron Spiegel](#)
Infrakit is an exciting new project from Docker, along with Linuxkit and a whole host of other "kits" that the Docker team is building. The way to think of Infrakit, is as a customizable infrastructure driver. Infrakit uses underlying infrastructure APIs to create and maintain systems for stand-alone workloads or clusters.

{code} Org Blog: [How to use Dynamic Volume Provisioning with Kubernetes](#) by [Vladimir Vivien](#)
Vladimir Vivien explains one of the critical features of Kubernetes - running stateful workloads - and outlines step-by-step how to use dynamic provisioning with persistent storage in Kubernetes.

{code} Industry

{code} Catalysts:

- [manifest-tool - Query/create manifest list objects in the Docker Registry](#) by [Phil Estes](#)
- [A Quick Look at LinuxKit Packaging System](#) by [Ajeet Raina](#)
- [Why Infrakit & LinuxKit are better together for Building Immutable Infrastructure?](#) by [Ajeet Raina](#)

Containers:

- [Container Orchestration with Kubernetes: An Overview](#) by [Adrian Chifor](#)
- [Docker and Moby](#) by [Alexander Holbreich](#)

Open Source:

- [What is IT culture? Today's leaders need to know](#) by [Jono Bacon](#)
- [It's the ecosystem, stupid](#) by [John Mark Walker](#)
- [Why is openness so difficult?](#) by [Philip A Foster](#)

Other Tech News:

- [How Open Source Is Advancing the Semantic Web](#) by [Don Watkins](#)
- [You Are Not Google](#) by [Ozan Onay](#)

{code} Calendar

TODAY: Docker Meetup, Los Angeles, CA 7:00pm - 9:00pm
Verizon Digital Media Services
13031 W. Jefferson Blvd. Space 900, Los Angeles, CA
Deploying Multi-OS applications with Docker Swarm

Presented by {code} Catalyst [Mike Coleman](#), Technology Evangelist at [Docker](#)
With the release of overlay networking for Windows Server 2016 it's now possible to build swarms comprised of both Windows and Linux hosts, giving operators a single platform for managing a diverse range of applications. In this hands-on workshop we'll build a multi-os swarm and then use features like constraints and affinities to place Windows, Linux, and hybrid workloads appropriately. All attendees will be provided a set of cloud instances on which to work, all you need to bring is a laptop with an SSH client. This workshop lasts about 90 minutes.

Upcoming:

GopherCon

Denver, CO
July 12-15, 2017

Join us and the Go community as we head to Denver for GopherCon. We will participate in various workshops on July 12th followed by a fantastic 2-day conference, and then a jam-packed community day on July 15th.

We are especially excited to announce that [Ashley McNamara](#) (Go Enthusiast, {code} Catalyst and Principal Technologist at Pivotal) is a keynote speaker. Stay tuned for more details to come!

Visit the [site](#) for more information and sign up today !

Open Source Summit NA

Los Angeles, CA
September 11-13, 2017
Register before June 18th to receive the early bird discount.

MesosCon NA

Los Angeles, CA
September 13-15, 2017
Register before July 15 to receive the early bird discount.

Open Source Summit NA and MesosCon NA will be hosted back to back this September in LA. So if you are planning on heading to one of them, it's definitely time to consider both!

Stay tuned for more details on what the {code} Team has in store for these two events.

To stay up to date on where you can find the {code} Team, check out our [calendar](#).

#Overheard

"Food or dogs" is apparently an important field of AI research.
[@mikeolson](#)



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For feedback, topic ideas, or corrections please email Jonas.Rosland@Dell.com.

We hope you enjoyed the 122nd issue of the {code} Weekly.
Thanks for subscribing!