



EMC {code}

Community Onramp for
Developer Enablement

"CODE OPEN, DEPLOY EVERYWHERE" - EMC believes in open source.
CODE is here to share and collaborate with developers worldwide.

HELLO WORLD

Last week the team and other community members from RackHD gathered in Austin, TX for OSCON. While we are currently between conferences (MesosCon is next week), we are thrilled to share what we gleaned at OSCON and also a new DevHigh5 release.

We'll continue to distill, aggregate and share news related to the EMC {code} Community and industry happenings. We'll provide the content, but we need your feedback. You can always reach us at emccode@emc.com.

code.community

RackHD at OSCON

[Joe Heck](#) and Ben Broderick Phillips joined the EMC {code} team at OSCON representing [RackHD](#) as part of our Community. Following the conference, we reached out asking for a brief run down of their experience. As they shared about their time, it became very clear that OSCON was a "tremendous experience," Joe Heck explains. Both had the opportunity to field questions from the conference attendees and a variety of sessions.



Here are just a few general highlights they shared with us:

Heck writes: "We answered a lot of general questions, but the gems were definitely when we encountered someone who had and was experiencing the exact problems we developed the code to help resolve."

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MesosCon

June 1-2
Denver, CO

To find out more about our presence at MesosCon visit the [code.team](#) section and of course don't heistate to [register for MesosCon](#).

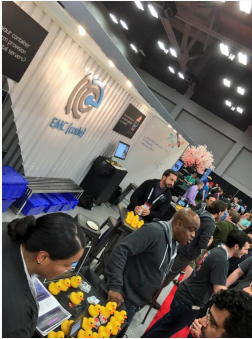
DockerCon

June 20-21
Seattle, WA

On the 21st, [Jonas Rosland](#) will be speaking at 11:15AM in the Contribute

Broderick Phillips shared: "I was pleasantly surprised by the number of people dealing with low-level infrastructure problems in a time where most developers seem to be doing all of their work in the cloud."

It's conferences like these that remind us and other attendees what people are facing in their daily experiences, itching to learn and also trying to solve.



Both took advantage of the smattering of sessions offered at OSCON and were pleasantly surprised by the diversity seen amongst the attendees and presentations. Joe Heck explains; "The diversity of opinions and viewpoints at conferences like OSCON are the largest part of the benefit to me, taking in topics from a different perspective." And Ben Broderick Phillips "I learned about what [18F](#) is doing in the government to modularize security compliance documentation, what projects are being built to make tracing of [distributed systems better](#), and how functional languages like Elm and Erlang/Elixir are being used throughout the industry."

Heck, Broderick Phillips and team look forward to furthering the conversations with those they connected with at OSCON and those continuing to be interested in RackHD and the CodeCommunity. Don't hesitate to check them out in the slack [CodeCommunity](#) in the #rackhd channel!

Community DevHigh5 Release: UniK

Earlier this week the [team](#) [announced](#) another DevHigh5 project, UniK! UniK (pronounced you-neek) enables software developers to compile applications into different unikernels creating extremely lightweight, efficient application instances. These single-purpose images can then be deployed on hypervisors such as VMware vSphere or KVM with application platforms such as Cloud Foundry, Docker and Kubernetes. Its key features are:



- Ability to integrate with multiple back-end open source platforms to compile, package and deploy applications
- Brings efficiency and security to applications on modern platforms and IoT devices
- Simplification of development and operation of

and Collaborate Room on "Open Source is good for both business and humanity."

Click here to [register for DockerCon](#) and visit with the EMC {code} team.

Want to see all of our upcoming events? Check out the [EMC {code} Events Google Calendar](#) to stay up to date!

code.overheard



"Network connectivity to our hosting provider is broken and nobody can get to us. On a positive note things work great with no users!"

@honest_update

[Newsletter Archive](#)

For feedback, topic ideas, or corrections, please email emccode@emc.com.

The {code} newsletter is edited by [Stephanie Carlson](#).

applications that employ unikernels

- Supports developing and operating applications with hypervisors running locally and in data centers
- Support for common hypervisor and cloud providers

For more details on UniK, check out the [GitHub page](#).

code.team

Heading in to MesosCon - Denver, CO

Next week the team is heading to Denver, CO for MesosCon. While we are excited to be a platinum sponsor, we are thrilled that both [Steve Wong](#) and [Vladimir Vivien](#) are speaking at MesosCon.

- [Joshua Bernstein](#) (VP of Technology, EMC) is a featured speaker in the keynote on **Wednesday, June 1 at 9:30AM** on [The New Open Source Data Center](#)
- [Vladimir Vivien](#) (Developer Advocate, EMC {code}) is speaking on **Thursday, June 2 at 11am** on [Building Frameworks with the New HTTP APIs](#)
- [Steve Wong](#) (Developer Advocate, EMC {code}) is co-speaking on **Thursday, June 2 at 4:20PM** on [Marathon meets External Storage](#)

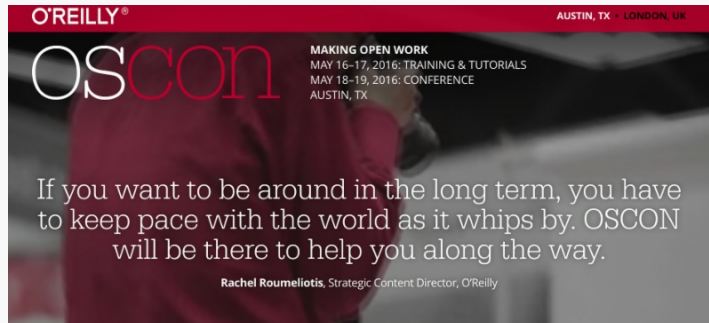
If you haven't already [registered for MesosCon](#) it's not too late to do so, and we hope to see you there either around the booth or in sessions. And as always, if you aren't able to make it keep an eye out for a [blog post](#) on our experience at MesosCon and follow us on [Twitter](#) for live updates.



Containers Were Huge at OSCON 2016

We just returned from [OSCON](#), the annual convention for discussion of all things open source, organized by O'Reilly Media. This event presented a great opportunity to survey the broad spectrum of open source. From our perspective, the

hot trend continues to be containers, with cloud and IoT as contenders for the second billing. Microkernels, big data, DevOps, and security were also addressed in many sessions. It seemed like every time slot had at least one container-related presentation. To find out more, read through the [blog here](#).



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Containers:

- [What containers and unikernels can learn from Arduino and Raspberry Pi](#)
- [GitLab now includes integrated container registry](#)
- [Whither Kubernetes?](#)

Open Source:

- [Coming soon! First ever certification for open hardware](#)
- [Why a Buffer developer open sourced his code](#)
- [Time to choose: Are you investing in open source or not?](#)
- [Oscon 2016 and things I learned](#)

In Other Tech News:

- [Now available: X1 instances, the largest Amazon EC2 memory-optimized instance with 2 TB of memory](#)
- [OSCON Speaker Slides](#)
- [Google's Making Its Own Chips Now. Time for Intel to Freak Out](#)
- [Ruby has been fast enough for 13 years](#)

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Git Rebase Tutorial

Maybe you are feeling a little rusty in git rebase, or maybe you are just beginning. Take a spin through the [git rebase tutorial](#), which guides users through successfully completing several mini-tasks. These tasks may even help you in your

next interview!

We hope you enjoyed the 67th issue of the EMC {code} newsletter.

Thanks for subscribing!