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

Innovation is never in short supply in the open source world, it's even found in the sport of Drone Racing. This week we'd like to share some ways we have seen innovation. Such as our first major contribution to an Apache Foundation project, a project from our community member Karsten Bott - Labbuildr and lastly the tie between open source and Drone Racing.

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

Community Member Spotlight: Karsten Bott

Karsten Bott started labbuildr as a small script 3 years ago. The goal in mind was to support EMC's data protection team with Windows test environments that verify EMC product functionality. It has since grown into a full-fledged PowerShell-based automation tool for building elaborate demo labs on VMware Workstation.

By using the included Solution Packs you can even set up a full ScaleIO cluster with Mesos, Docker and REX-Ray on top in just two clicks!

2016 US National Drone Racing Championships
August 5-7
Governors Island, NYC

We are excited to announce EMC {code} has been chosen to represent open source at this thrilling event. Get your free General Admission tickets here. We'd love to see you there!

LinuxCon/ContainerCon NA
August 22-24
Toronto, Canada

Head to Toronto for the North American LinuxCon/ContainerCon to hear Kenny Coleman speak on Wed, August 24 at 11:55AM on Highly Availability and Distributed Containers. Also, be sure to check out

Using Labbuildr you can combine EMC technologies like Networker, Avamar, AppSync, ViPR/CoprHD, Isilon, Unity and ScaleIO with Windows hosts and software (automated Microsoft software downloads), VMware ESXi setups, or even Linux environments (such as Docker, OpenStack and Hadoop).
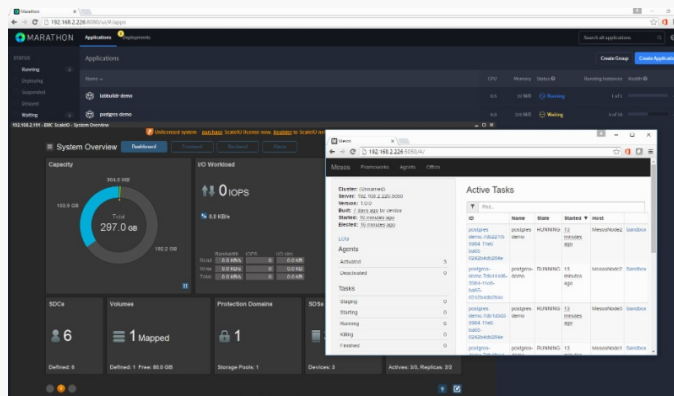
Bott has done a great job of creating a free and open source solution for demos and labs that EMC employees, partners and customers can use. Please have a look at his work here and make sure to read the Student Guide to get started with labbuildr.

code.team

Apache Mesos 1.0 Integrates {code} Projects for Experimental Storage Support

Kendrick Coleman provides an update on Apache Mesos in the blog this week. He writes that after a lot of hard work, Apache Mesos v1.0 includes experimental storage support from {code}. This is the first major contribution to an Apache Foundation project and we couldn't be more stoked to be contributors!

Check out the blog for more detail on this integration and how we are providing solutions for real problems.

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the Open Source Storage Summit on August 25 following the conference.

Click here to register for the conference and the Open Source Storage Summit.

MesosCon EU
August 31-September 1
Amsterdam

The team is looking forward to our first conference in Europe this year and is heading to MesosCon EU in Amsterdam. Join us!

Click here to register.

Want to see all of our upcoming events?
Check out the EMC {code} Events Google Calendar to stay up to date!
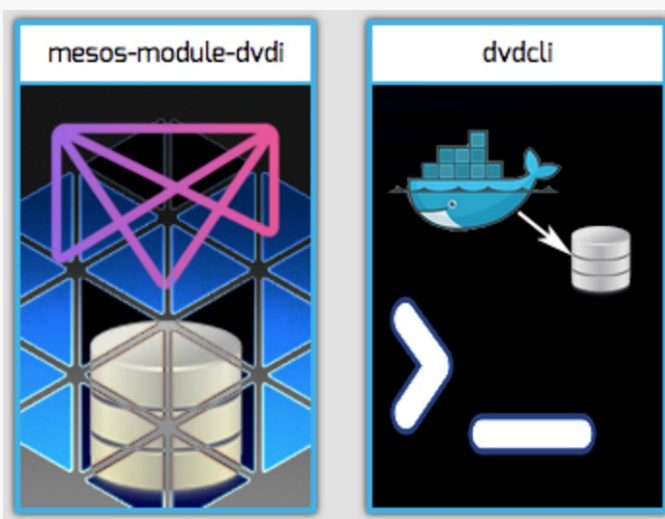
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code.overheard

Friend: Do dates make you nervous?
Me: omg yes especially when doing math across timezone boundaries

- @dcousineau

Newsletter Archive

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

The {code} newsletter is edited by Stephanie Carlson.

Connecting EMC, Open Source and Drones! Oh My!

Community member and drone enthusiast Matt Cowger shared his excitement with us in the blog this week for the US National Drone Racing Championships.

The EMC {code} team and a few community members are heading to Governors Island, NYC to staff the Sky Lab (Virtual Reality and Gaming Wonderland). The Sky Lab will include three virtual reality headsets (HTC Vive) for real-time experiences and a multi-computer station for attendees to test their flying skills against the pilots' times on the actual course!

But what is the connection of open source and drones? Cowger provides some wonderful examples of how connected these two really are. Read through his blog here.

Containers:

- When to Containerize Legacy Applications - And When Not to
- Mesosphere's 'Container 2.0' Unites Stateless and Stateful Workloads

Open Source:

- Vizceral Open Source

- [How to fix a bug in open source software](#)
- [4 open source alternatives to Evernote](#)
- [Hands-on with the Linux-ready Dell XPS 13 Developer Edition](#)

In Other Tech News:

- [How a Math Genius Hacked OkCupid to Find True Love](#)
- [How Do You End a Meeting? Netflix's HR Rebel Asks Two Simple Questions](#)

`code.learn`

10 Tips for Learning a New Technology

Learning technology always seems to feel a little daunting at first. Check out this [list of tips](#) for taking on that next new (to you) technology. It may just make the difference and help the learning process!
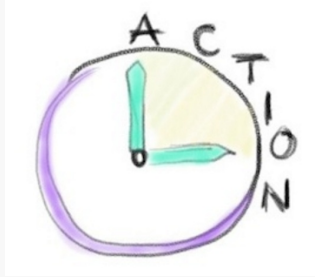
We hope you enjoyed the 77th issue of the EMC {code} newsletter.
Thanks for subscribing!