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

The neon lights are flashing in our dreams as we are fast approaching EMC World. Five more weeks to prepare and be ready for you to join us in this whirlwind of learning and fun.

EMC {code} Developer Advocate Drew Smith has been working hard! Before his time at EMC, Smith spent five years living on and sailing his trimaran from Canada to Mexico and only coming into port for provisions. Smith has extensive experience in large-scale datacenter operations, which shines through in his current orchestration and instrumentation projects.

Along with Smith's projects, this week we have a post from {code} Community member David Lloyd.

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

Experience with Docker Machine Driver for RackHD

Earlier this week we received an email from David Lloyd about his excitement around Docker Machine Driver for RackHD. He wanted to let us know how much he was "enjoying mucking around with RackHD and Docker Machine" and that he was "looking forward to presenting to a packed Meetup later in the week." So we kept our eye on the twitter feed to see how the Meetup went, and were pretty stoked

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OpenStack Summit
April 25-29
Austin, Tx

Drew Smith will be talking about Persistent Storage for Containers using Cinder on Wednesday, April 27th at 11AM.

Click here to register.

EMC World
May 2-5th
Las Vegas, NV

Click here to register.

when we read this:

"Blown away by @Davlloyd preso @SydneyDocker showing EMC RackHD. This is a new EMC I am seeing here!"
- Anthony Shaw

With feedback like that, we had to reach out to David to get more details! Check out the blog for more detail on Lloyd's experience and don't hesitate to take the Docker Machine Driver for RackHD for a spin yourself.

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EMC {code}'s Countdown to EMC World
5 Weeks and Counting
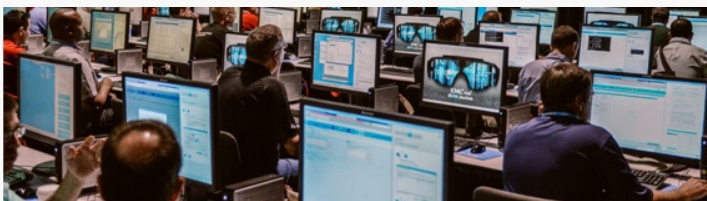
EMC {code}'s Drew Smith has been working feverishly on building the vLab along with Alan O'Halloran and Eddie Pavkovic. The three are excited to introduce users to Docker, Mesos and ScaleIO. The vLab will walk users through deploying a database with a persistent backend, then simulate a failure of that database server (an all-too-common problem) and perform a hot-takeover of the database storage by a new server, without losing data.

This year EMC World will be offering 39 vLab Sessions. VLabs are an online, self-service resource offered to EMCer's to get hands on training, experience and are available 24x7. At EMC World we are extending the vLabs to all attendees. These vLabs will still be self paced and available on a first-come, first-serve basis.

Docker, Mesos and ScaleIO for your Persistent Applications vLab - Abstract:
Docker and Mesos are two large names in the container platform eco-system. They represent a set of tools that support the operational aspects of containers with a focus on both simple and more complex applications. Take this lab for a spin and learn about these open source tools and see first hand the agility that software defined storage, container infrastructure, and containers bring to your applications.

Start by registering for EMC World, and then be sure to visit the vLab to learn more about Docker, Mesos, ScaleIO and the container world.

Storage Operations with Juju Charms

Are you struggling to find a way to deploy applications on a variety of environments and maintaining separate codebases? Rest assured you are not alone! Drew Smith took this on using Canonical's Juju system in an attempt to solve this tedious task and shares his experience on the blog this week. Take some time to read through the blog to learn more and find out what Smith discovered.

```
mongos:
    interface: mongodb
peers:
    replica-set:
    interface: mongodb-replica-set
storage:
    mongodata:
        type: filesystem
        location: /var/lib/mongodb/
    mongologs:
        type: filesystem
        location: /var/log/mongodb
```
} added

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Containers:

- Does Running Java on Docker Containers Violate Agreements?
- ContainerX Will Offer a Container Management Platform for the Enterprise
- The role of Platform-as-a-Service in the Container ERA

Open Source:

- Red Hat Is Now a $2 Billion Open-Source Baby

DevOps:

- Why software development can sometimes be difficult
- DevOps Topologies
- Micro Focus to acquire Serena to expand DevOps capabilities

In Other Tech News:

- Programmers Facial Hair Quantified
- Watch These Tiny Robots Move a 2 Ton Car

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Virtual Capture The Flag

Scattered throughout the world in locked warehouses are briefcases filled with Cy Yombinator bearer bonds that could be worth billions comma billions of dollars. You will help steal the briefcases.

For more information head to [Embedded Security CTF](#).

We hope you enjoyed the 58th issue of the EMC {code} newsletter.
Thanks for subscribing!