



# 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

Paraphrasing the immortal words of Sally Fields, "You like us, you really like us!". Thank you to everyone that attended all of the DevOps centric activities at EMC World last week - DevOps @ EMCWorld and Open@EMCWorld. DevOps was the #1 discussed topic on Social Media at the event. It aligned to the feedback we heard from the community that companies are in the midst of broad changes and are looking to impact their businesses. There is quite a bit of change coming, both technically and culturally, so we hope you find the content in this newsletter helpful as you embark on these changes.

We hope you'll enjoy this newsletter. We'll do our best to distill, aggregate and share news related to the {code} community and industry happenings. We'll provide the content, but we need your feedback. You can always reach us at [emccode-newsletter@emc.com](mailto:emccode-newsletter@emc.com)

## code.community

### Introducing Rex-Ray and Dogged!



Our [@clintonskitson](#) has been hard at work trying to address data persistence with containers. Out of his research and hands-on experimentation, **REX-Ray** and **Dogged** were born. REX-Ray is a Go package for guest storage introspection that provides visibility and management of

external/underlying storage. The underlying storage is attached via methods specified in drivers. This storage can be from a specific storage platform, or provided by virtual infrastructure.

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## code.links

[EMC {code} on GitHub](#)

[EMC {code} Blog](#)

[#DevHigh5 Program & FAQ](#)

[#emccode on Freenode](#)

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## code.join

Want to see all the upcoming events? Add the [EMC CODE Events Google Calendar](#)

### EMC {code} at Advanced AWS Meetup

SAN FRANCISCO, CA

[@clintonskitson](#) will be speaking on his projects:

[Dogged and RexRay](#)

**Dogged** represents a central place to maintain information relating to getting REX-Ray into upstream Container Engine and Runtime projects. Dogged provides a storage abstraction layer that can understand underlying infrastructure and storage aspects of an instance. Dogged then issues the necessary control plane calls to get storage created and attached to a Container.



[Read more on the EMC {code} blog](#) or visit the projects on [GitHub](#) (Dogged and RexRay).

## code.team

### EMC {code} EMC World Presentations

Our EMC {code} team shared everything we know (well, almost) with the EMC World community last week. [Check out some of our presentations, including:](#)

- *Why DevOps Is Critical To Your Business*
- *DevOps Is A ReOrg: How To Accelerate The Change*
- *Converged Infrastructure & Container Deployment*
- *Containers vs. VMs: Competition Or Co-Existence?*
- *The DevOps Toolkit*
- *APIs, Containers, Platform 3 Databases & Micro-Services*
- *And many more*

We are working with external speakers to publish their EMC World slides.

## code.industry

### DevOps

- [When hiring for DevOps. Tap curious, hungry individuals](#)
- [Practical Methods for Adopting DevOps](#)
- [The Heavy Cost & Burden of Shrink-Wrapped DevOps](#)
- [10 Questions to Ask before Deploying to Production](#)
- [2/3rds of Federal Agencies say DevOps Will Put them in Fast Lane](#)

### Containers and Container Management

- [Docker Security Best Practices](#)
- [Porting the Docker Client to Windows](#)
- [Canary Deployments with Kubernetes](#)
- [A Take on the Linux Container Upstream](#)
- [Why Apps need a new Data Center Stack](#)

[Keep your eye on the Meetup page!](#)

## OpenStack Summit

VANCOUVER, CANADA

EMC {code} will have a presence at OpenStack Vancouver-- come visit the activity station to learn more about the {code} team and how you can get involved.

## OpenStack Summit 2015 Registration

### OVERHEARD



@chipchilders: OH: "The API is a product" < absolutely right

For feedback, topic ideas, or corrections, please email [emccode@emc.com](mailto:emccode@emc.com).

The {code} newsletter is edited by Kate Greenough ([@kategreenough](#))

& Brian Gracely ([@bgracely](#))

- [Chaos Lemur - Cloud Foundry's "Chaos Monkey"](#)

## Modern Development

- [Looking at CAP 12 Years Later, How Things have Changed](#)
- [Why Run Your Microservices on PaaS](#)
- [Under the Hood of Facebook's Cold Storage](#)

## code.learn

What our {code} team is loving this week:

- [Intro to Node on AWS Lambda for S3 and Kinesis](#): AWS Lambda is an on-demand computation service that allows you to write code that responds to events, and can be executed at scale within the AWS ecosystem.
- [Nine anti-patterns every programmer should be aware of](#): A discussion of software design and programming anti-patterns to know for every programmer, with examples. Coding, mathematics, and problem solving - by Sahand Saba.

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

Thanks for subscribing!