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

Greetings!

The Ops of March are finally here, ready to come in like a lion and go out like a lamb. So Spring into some new knowledge this week, with a whole new set of open source projects and insight on the most important open communities.

We hope you'll enjoy this newsletter. Tell a friend if you do. 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

code.team

Editors' Note:
This section will highlight new projects created by the EMC {code} team for the community.

Putting Programming Languages to the Test

Our team has had some interesting conversations recently about what languages are suited for specific platforms, use cases, and products. Redmonk recently released their top programming language rankings, but also included some up-and-coming trends, such as Go, Swift, and Rust-to name a few. Two of our developer advocates, Kenny & Clint, decided to put two of their favorite

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trendy languages to the test in a good old-fashioned competition. Kenny and Clint built a web application that would deploy to Cloud Foundry which runs in Warden containers, or could run in Docker containers. The application would respond to requests with result of counting to one billion. Check out their results and how the contest unfolded on the EMC {code} blog post, (h/t Clint Kitson):

[Draw! NodeJS and Go, Count to 1 Billlion With a B!](#)

code.community

Editors' Note: *This section will highlight new projects created by members of the community, through a program called DevHigh5. Learn more about the [DevHigh5 program in the FAQ](#). Find DevHigh5 projects by clicking the DevHigh5 tag on the [EMC {code} GitHub page](#).*

Meet #DevHigh5 Winner, Brandon Kvarda

EMC System Engineer Brandon Kvarda was one of our first #DevHigh5 winners. Brandon [created XtremLib PowerShell Module for XtremIO](#), to make XtremIO easier to automate. XtremLib is a PowerShell Module that acts as a wrapper for interactions with the XtremIO RESTful API. This release was written and tested against XIOS 2.4, but should also work without issue on 3.0+ as none of the RESTful calls leveraged were changed in 3.0.

[Follow Brandon on GitHub](#)

code.industry

Editors' Note: This section will highlight various communities, project updates and industry trends that are of interest to the {code} community.

OpenStack
One frequent misconception about OpenStack is that it's "free VMware". While this isn't even true for VMware Integrated OpenStack (which is available via vSphere Enterprise Plus licensing), the reality is that application teams should be thinking differently about new application designs. This is a good overview of how to think about cloud infrastructure:

There will be no reliable clouds:

- (part 1)

http://blog.hendrikvolkmer.de/2013/04/03/there-will-be-no-reliable-cloud-part-1/

- (part 2) - http://blog.hendrikvolkmer.de/2013/04/09/there-will-be-no-reliable-cloud-part-2/
- (part 3) - http://blog.hendrikvolkmer.de/2013/04/12/there-will-be-no-reliable-cloud-part-3/

Docker

- Running Hadoop on Docker, at scale
- Dockerize a Rails app with background processing

DevOps

- Hashicorp released "consul-replicate", a service that syncs key/value data across datacenters,
- Pivotal's Cote (@cote) write about why CI/CD isn't just for unicorns and rockstars - "Continuous Delivery Among the Donkeys"
- The DevOps Evangelist Toolbox
- ByteSized DevOps Podcast (series)
- Dzone's Guide to Continuous Delivery

Apache Mesos

- How to Get Involved with the Apache Mesos Open Source Cloud Project

code.learn

Editors' Note: *In this section, we'll be recommending courses, podcasts, resources, and meetups that cover concepts in programming, DevOps, and enterprise tech. If you've been to a great course that you'd recommend, please get in touch.*

- Bento.io: EMC {code} tested and approved, Bento picks the best free tutorials and tells what you need to learn, and in what order.
- GirlDevelopIt (GDi): GDi is a women's network that provides affordable and accessible programs to teach web and software development. Ladies- check the site and meetup.com to find your local chapter.

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

ST.LOUIS, MO

EMC {code} Developer Evangelist Kendrick Coleman will be keynoting the STL VMUG. Stop by to learn, network or just say hello.

VMUG St. Louis

OVERHEARD

Kids are the future and this 13yr old kid knows the future is Open Source. Hear Keila Banks: "It's So Easy A Kid Could Do It: Businesses with Open Source"

You rock, Keila!

& Brian Gracely

(@bgracely)