



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

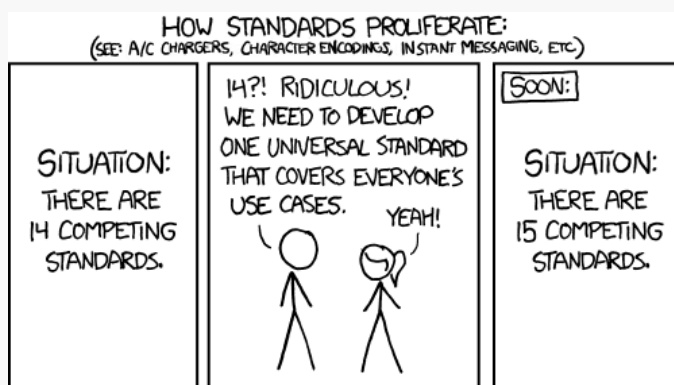
The summer is starting to wind down, the Olympics are in full swing and we seem to be ramping up. To start us off the team spent the past weekend involved in the 2016 US Drone Nationals Championships. While some of us were on Governors Island, some of us were coding away at our computers! Read below for more about what we've been up to.

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

Creating Gournal for Logging Purposes

[Gournal](#) (pronounced journal) is a context-aware logging framework that introduces Google context type as a first-class parameter to all common log functions. When you ask [Andrew Kutz](#) why he created the tool Gournal, he simply responds with "self-serving purposes" and a slight chuckle. He continues on to say that "[Gournal] serves the community because in all of our projects over 20% of the code is typically logging code," and by using Gournal, 99% of the logging doesn't have to change, instead you just have to change the top of the logging code within Gournal. One redditor shared this XKCD...



...But!

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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 the [Open Source Storage Summit](#) on August 25 following the conference.

Click here to [register](#) for the conference.

We can't wait to see each of you dressed up for the [25th Anniversary of Linux Gala](#).

MesosCon EU

August 31-September 1

Journal is not just another Go Log library, but is a logging facade similar to SLF4J (as referenced in the [ReadMe](#)). When used, it calls on other logs which is something that libStorage (another EMC {code} project) already offers. Ultimately all Andrew had to do was externalize libStorage and flatten the dependencies to make projects more easily work together.

Also included in this project for the GoLang community, is the ease in which you can add features to it. Andrew wrote this program so that if it doesn't support your favorite logging software, you can easily add it to the project.

Which leads us to a question for you, our reader... do you have any new tools you've been working on or any upcoming fun projects? We are interested in your story! Feel free to reach out through [email](#) or in the [{code} Community](#).

code.team

The Buzz from the Drone Nationals

During the first weekend of August, the {code} team hosted the [Sky Lab](#), [Drew Smith](#) shares his experience with us on the [blog this week](#).



It's estimated that a majority of today's drones flown recreationally rely on open source software. Many of these open source software projects have actually caused disruption to the industry's proprietary software solutions, by allowing each drone pilot to customize every byte of the code before taking flight.

Definitely take a look at Drew's blog for more about the Drone Nationals and how influential open source software is to this flourishing industry.

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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A mechanical problem can ground a plane. A computer problem can ground an airline.

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

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



[Jesse Gunn](#), Youngest Drone Educator
and Jr. Master Chef

code.industry

Containers:

- [A brief introduction to Linux containers and image signing](#)
- [Code Healthy with OpenShift Competition](#)
- [TNS Research: A Scan of the Container Vulnerability Scanner Landscape](#)
- [Swarm2K Analysis Pipeline](#)

Open Source:

- [Advice for building a career in open source](#)

In Other Tech News:

- [Why we moved from Amazon Web Services to Google Cloud Platform?](#)
- [Data Breach At Oracle's MICROS Point-of-Sale Division](#)
- ['Project Sauron' malware hidden for five years](#)
- [Google's QUIC protocol: moving the web from TCP to UDP](#)

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Container Operation Systems (OS) Comparison

There are a lot of Container OS out there these days... Is there a "best one?" Is there one that meets your needs more than another? How does one sort through the differences? In this video* [Jonas Rosland](#) breaks down the various differences seen in the various Container OS options!



*VMware Photon was released in April 2015

We hope you enjoyed the 78th issue of the EMC {code}
newsletter.
Thanks for subscribing!