



# 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

We are just one week away from the [US National Drone Racing Championships](#)! The EMC {code} team is excited to sponsor the event and talk about open source, Internet of Things and the future of autonomous technologies. We will also provide opportunities for attendees to get hands-on experience with the future in entertainment, virtual reality! We hope you enjoy the newsletter, and if you're looking for more great content please head over to the [newsletter archive](#).

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](mailto:emccode@emc.com).

## code.community

### DevHigh5 Featured Project Series Continued

Over the last several weeks we have introduced [ScaleIO Gateway](#), [Mongoose](#), [Puppet-ScaleIO](#), [Knife-Storage](#), [PyVMAX](#) and [Metalnx](#) as featured DevHigh5 projects. This week we continue with the [Ceilometer-ECS](#) and [StorOps](#) projects.

As always, we are very excited to welcome several new projects to the EMC {code} GitHub site. These projects have gone through our DevHigh5 program, which is designed to recognize developers who want to contribute to open source projects. Check out the [EMC {code} Community](#) and our wiki for more information on the [DevHigh5 program](#).

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### code.links

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[#DevHigh5 Program & FAQ](#)

### code.join

**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 [tickets here](#). We'd love to see you there!

### LinuxCon/ContainerCon NA

August 22-24  
Toronto, Canada

Head to Toronto Canada 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](#)



**Ceilometer-ECS** provides files used by OpenStack Ceilometer to monitor the usage meters of ECS instances. With this package installed and configured, the Ceilometer Central Agent will poll remote ECS instances via REST API to efficiently collect, normalize and transform metrics produced by ECS. [Jiale Huo](#) has shared his [project here](#).

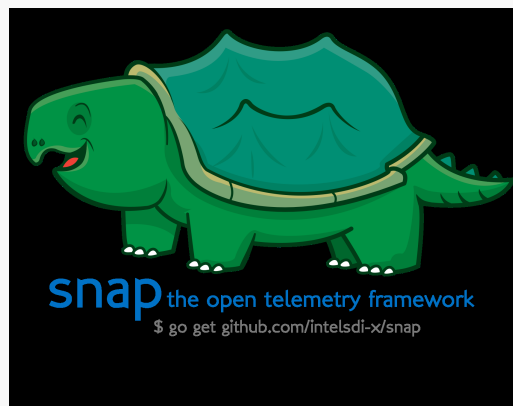
**StorOps** is a minimalist Python library to manage VNX/Unity systems. With it, you can create, manage, and delete storage pools, volumes, shares and much more. Created by the [EMC OpenStack team](#), you can find the code and documentation [here](#).

Are you working on a project, looking for a project to focus on or have a great idea but don't know how to get started? Reach out to us - send us an [email](#), hit us up on [Twitter](#) or connect on [Slack](#). We look forward to working with you!

## code.team

### Monitoring EMC ScaleIO with Grafana using Intel SDI's Snap by [Drew Smith](#)

Drew Smith [recently blogged about](#) using the Grafana monitoring tool as a method for storing and visualizing EMC's Elastic Cloud Storage metrics. This week he's gone further, and explored [how to use Grafana to do the same thing for ScaleIO](#), but with a twist!



Drew looked at using a new and interesting telemetry framework called [snap](#) from [Intel's Software Defined Infrastructure team](#). With this framework he was able to poll data from ScaleIO and push it to Grafana.

[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!

## code.overheard



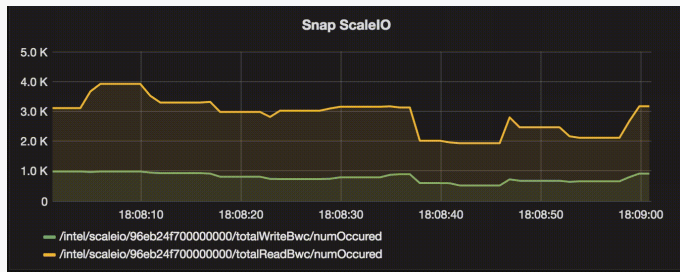
In any team you need a tank, a healer, a damage dealer, someone with crowd control abilities, and another who knows iptables

- [@jpetazzo](#)

### [Newsletter Archive](#)

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

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



Drew worked together with the Intel SDI team to enhance the functionality of **snap** by collaborating on a ScaleIO plugin. The result of this is that anyone can now use snap to get telemetry data from a myriad of sources, including ScaleIO, and visualize it in Grafana as seen above.

Check out the [blog post](#) by Drew for more information on how it all works.

## code.industry

### Containers:

- [Running Minecraft in a Container with Persistent Storage](#)
- [Minikube: easily run Kubernetes locally](#)
- [Routing Data from Docker to Prometheus Server via Fluentd](#)

### Open Source:

- [How to write unmaintainable code](#)
- [LinkedIn Open-Sources Rocket Data, LayoutKit and More](#)
- [Gru: Open source solution for better technical interviews](#)

### In Other Tech News:

- [15 Top-Notch Podcasts for Programmers & Software Developers](#)
- [Beyond the Twelve Factor App](#)
- [The End of Microservices](#)

## code.learn

### Learn Docker Orchestration using Interactive Browser-Based Labs by [Ben Hall](#)

Understand real world patterns and approaches in a live environment without any downloads or configuration. Ben Hall has created a really nice learning environment to make it easy to grasp and understand the Docker Orchestration components.



[Take the training here!](#)

Thanks for subscribing!