



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

It's the end of competition season for the St. Mark's Robotics Team so we felt it important to take some time to recognize their accomplishments and growth below!

Speaking of accomplishments, there have been a lot of great updates for EMC {code}, Docker and Mesosphere. Docker, Mesosphere and EMC {code} are thrilled to announce several new releases and updates. This week we announced REX-Ray v0.3.3, mesos-module-dvdi v0.4.2 and dvdccli v0.2.0 (details are available online at emccode.com). Check out the newsletter below for more on the Mesosphere DC/OS open source launch and the Docker release and how it affects storage.

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

Competition Season Ends for Team 3566: Gone Fishin', Charity Season Begins

The team has been so proud of all that the St. Mark's Robotics Team has accomplished this year that we wanted to provide you with an update on how the students have done. We recently received an update from Cynthia Yang the team's Public Relations manager:

2016 has been an eventful year for the St. Mark's Robotics Team 3566 - Gone Fishin'. As a team, their numbers have

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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

Check out the [session](#)

doubled in size, increasing from 20 to 40 members. Due to the growth, they developed new ways to mentor the new and less experienced team members, allowing for all students with various backgrounds in robotics or engineering to work and contribute to the team.



Photo courtesy of Team 3566: Gone Fishin' Facebook Page

As for the competitions, Gone Fishin' started their season ranked 32nd at the Granite State Event and finished with a ranking of 23rd overall in their second district competition, North Shore Event. For a team consisting almost entirely of new students, this improvement is a huge encouragement and provides a good baseline for next year's competition.



Photo courtesy of Team 3566: Gone Fishin' Facebook Page

Since the end of competition season, the team has worked hard to improve their community service outreach program. The team set up First Lego League (FLL) - Can of Worms. Gone Fishin' team members help mentor the FLL students. The team is proud to have the opportunity to bring robots into

[catalog](#) for a list of talks and tracks available at EMC World this year.

[Click here to register.](#)

OSCON

May 16-19th

Austin, TX

[Jonas Rosland](#) and [Stephanie Carlson](#) will be speaking on Thursday, May 19th from 5:10-5:50PM on [Managing a large open source community with smart tools](#).

[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`



"It's not to say robots are perfect, but..."

@robertcathey

[Newsletter Archive](#)

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

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

local middle schools, hoping to intrigue younger students into developing an interest in STEM. This increased outreach has been recognized by Kleiner Perkins Caufield and Byers who awarded the team with the Entrepreneurship Award.

The EMC {code} team looks forward to seeing what the Gone Fishin' team accomplishes in the off-season!

code.team

EMC {code}'s Countdown to EMC World 10 Days - May 2nd-May 5th

In just 10 short days, we invade Las Vegas. The EMC {code} team is putting the final touches on our presentations and demos. This week we are especially excited to highlight the Guru Session on Wednesday, May 4th from 3-4PM. This talk features [Joshua Bernstein](#) (VP of Technology, ETD) and [Tobi Knaup](#) (CTO and Co-Founder of Mesosphere). The Guru Session is titled Data Persistence in the New Container World.

The timing could not be better with the recent release of Mesosphere's [Datacenter Operation System \(DC/OS\)](#) now 100% open source. We are excited to celebrate with Mesosphere with this release.

So put it on your calendars and join us on Wednesday, May 4th from 3-4PM for this Guru Session!



What you need to know about Storage in Docker 1.11 and Swarm 1.2

Major releases and key improvements keep on coming from the Docker team. The most recent releases are Docker Engine 1.11 and Swarm 1.2 - these updates are a big deal for storage. The three updates highlighted in this week's blog are volume plugins and engine 1.11, fixed plugin communications and rescheduling containers and Swarm

1.2.

For more information and to check out the demo we created for you please [visit the blog](#).

code.industry

Containers:

- [For Robin Systems, Everything's in a Container](#)
- [IBM's Christopher Ferris on Open Source and Container Orchestration](#)

Open Source:

- [Refactoring open source business models](#)
- [Introducing open source DC/OS: The best way to run containers \(and everything else\)](#)

DevOps:

- [Decoding DevOps, Docker, and Git](#)
- [Coffee Shop DevOps: Complexity of change](#)
- [DevOps advocates bust myths around use of agile software development in enterprise](#)

In Other Tech News:

- [Getting Ready for EMC World 2016](#)
- [The web is Doom](#)
- [Parity Check: Is Slack Becoming a Core Tool for Developers?](#)

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Machine Learning

Learn how to write a machine learning program from scratch.

It only takes six lines of code to write your first machine learning program.

Check out this [YouTube video here](#).

We hope you enjoyed the 62nd issue of the EMC {code} newsletter.

Thanks for subscribing!