Welcome to the {code} Weekly, a Newsletter focused on the {code} Community, Team, open source and storage/container trends in the tech industry.

{code} Weekly Highlights

Dell EMC World is in full swing! In this week's newsletter you can read about what the {code} Catalysts and {code} Team are up to in Vegas, a new open source DevHigh5 project called Pravega, and a great Reference Architecture for Mesosphere with ScaleIO and REX-Ray!

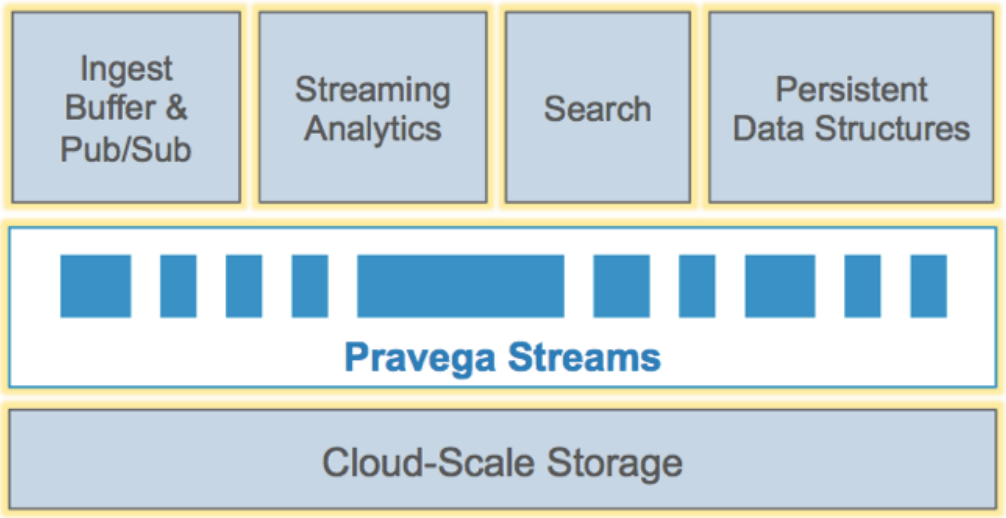
Visit Our Website

{code} Community

We are amazed by the openness of the {code} Community at Dell EMC World. From all across the globe, we have customers and partners joining us for conversations, demos and presentations. We've met a lot of people interested and involved in open source, several DevHigh5 project maintainers and we also had the pleasure of watching four {code} Catalysts present at the show. A huge THANK YOU to everyone who made the show a huge success.

To celebrate another successful year of open source at Dell EMC World we hosted a Speaker Appreciation dinner, where rewards ranging from "most Canadian profile picture" and "farthest traveled" to "most successful DevHigh5 project to date" were handed out. We are humbled by the collective intelligence which gathered at the table to enjoy a great night out in Vegas.

On Wednesday May 9th we were delighted to see another DevHigh5 project become open source, called Pravega. Pravega provides a new storage abstraction - a stream - for continuous and unbounded data. A Pravega stream is a durable, elastic, append-only, unbounded sequence of bytes that has good performance and strong consistency. You can more by heading over to the project site and on our blog.



{code} Org.

At Dell EMC World this year the {code} Team presented 16 sessions together with {code} Catalysts and well-known individuals within the open source community. Many of the sessions were completely full, even early Monday morning! We have had a great week filled with customer and partner interactions and couldn't be happier. We also handed out some special swag (socks!) that were immensely popular, so much so that we ran out of them completely! Word of advice, if you want {code} swag make sure you get there early :) For more details on the topics that were presented make sure to check out our landing page.

At the show, Mesosphere - the creators of DC/OS - announced a collaboration with Dell EMC to provide a reference architecture for customers to deploy DC/OS with select Dell EMC compute and storage infrastructure.

For more information about the reference architecture, please read our blog and the announcement from Mesosphere. We have also posted the Reference Architecture online for your perusal.

{code} Industry

{code} Catalysts:

- Demystifying the Relationship Between Moby & Docker by Ajeet Raina

Containers:

- Part 1: Storage Policy Based Management for Containers Orchestrated by Kubernetes by Tushar Thole

Open Source:

- Google Voice Kit by Google AIY Projects

Other Tech News:

- How to Empower Quality Assurance and Developers to Work Together by Alec Morgana
- My All-Time Favorite Demonstration of a Cross-Site Scripting Attack by Ben Halpern

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{code} Calendar

CNCF Webinar Series - Cloud Native Storage with Clint Kitson, Eric Han, and Mark Balch

Webinar
May 17th, 2017

Bringing all of your applications to a cloud native environment is going to be critical in ensuring you are taking full advantage of what containers can deliver. These environments present an opportunity to optimize your applications, including ones that need persistent data, for any cloud.

Join our webcast and hear from industry leaders about both traditional and modern applications and how they use data. Learn the basics of cloud native storage and how you might make choices about cloud and storage platforms supporting your applications.

Register for the webcast here!

How Container Schedulers and Software-based Storage will Change the Cloud

ApacheCon North America 2017
May 17th, 2017
10:15am - 11:05am EDT

Persistent applications can be complex to manage and operate at scale but tend to be perfect for modern schedulers like Apache Mesos. The current trend in Containers is taking their ephemeral nature and turning it upside-down by running databases, key/value stores, WordPress, and etc within them. Internal direct attached storage and external storage are both options in running your long-running, persistent applications. The problem is how do you run these applications and containers in production environments?

Join David vonThenen at ApacheCon NA 2017 for real insight into how 2 Layer Scheduling, as known as the Offer-Accept model, found in Mesos and Software-based Storage enables deployment of managed frameworks and tasks while maintaining high availability, scale-out growth, and automation. This combination of technology will help build a ""Skynet"" like architecture for persistent applications and containers in the cloud.

To stay up to date on where you can find the {code} Team, check out our calendar.

#Overheard

I spell it koobernetties, because k11s goes to eleven.

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Corey Quinn