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

Have you been looking for a way to volunteer and get involved in the community? Well, it's not too late to spread your passion for technology in this year's Hour of Code! Read below for more on how to get involved.

<div align="center">

Visit Our Website

</div>

{code} Community

Giving back to the younger generation

As part of the open source community, we strive to give back to projects, share knowledge and grow together. One way that Dell and the {code} team have committed to giving back is in teaming up with Code.org.

Photo from of hourofcode.com

Code.org is a non-profit dedicated to expanding access to computer science and increasing participation by women and underrepresented minorities. Their vision is that every student in every school should have the opportunity to learn computer science, just like biology, chemistry or algebra. One way Code.org strives to make this possible is through Hour of Code, which occurs every year during the Computer Science Education Week in December.

Every December we celebrate The Hour of Code, a global movement reaching tens of millions of students in 180+ countries. Using the Hour of Code how-to guide, anyone anywhere can organize an Hour of Code event. Each Hour of Code consists of one-hour tutorials aimed at ages 4-104 and are available in over 45 languages (no experience necessary).

To get started please sign up to be a mentor at your local schools. Together we can teach people across the globe and be a part of something great.

Find out more here!

{code} Org.

Will you survive the Mars Challenge?

Led by Travis Rhoden and Jonas Rosland, that's the question that approximately 50 coding enthusiasts will answer next week at the LISA 2016 conference. Teams of five will face off on Tuesday and Wednesday to try to survive the solar flares, oxygen depletion alarms and harsh conditions of Mars!

The only way these teams will survive is by working together to monitor the current temperature and radiation levels in the planet's atmosphere to detect sun flares and activate base shields for protection. With only a few hours to implement a sensor array, build and deploy the monitoring application to engage/disengage shields, and fine tune the algorithm based on data analysis that decides when to charge shields and when to engage them for protection... who will survive?

Follow us on Twitter to get live updates next week on this fierce survivalist hackathon!

Can't join in the fun next week? Find out more on the Mars Challenge in the GitHub repo here.

{code} Industry

Containers:

- Docker for AWS Public Beta by Michael Friis
- New DC/OS Packages You Can Use by Ravi Yadav
- A Sintra app on Kubernetes by Michael Armfield
- PaaS is dead, long live PaaS by Brendan Burns

Open Source:

- CyberChef - the Cyber "Swiss Army Knife" by GCHQ
- SUSE buys HPE's OpenStack and Cloud Foundry assets by Frederic Lardinois
- 11 wonderful wearable open source projects by Ruth Suehle

Other Tech News:

- Margaret H. Hamilton awarded highest US honor by Eric Moskowitz
- A multiplayer game where you write code to play by luiii

{code} Calendar

Mars Challenge Hackathon at LISA16
Boston, MA
December 6-7, 2016

You and your team have just landed on Mars. As you prepare the base, massive sun storms are coming your way. Your protective shields can run for a only few minutes at a time without recharging.
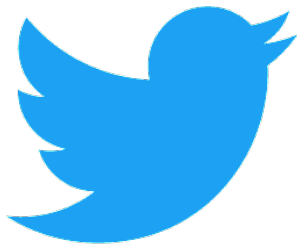
To make sure your team survives, you have to monitor the environment, adapt your algorithms and automatically charge and raise shields when needed.

Join us for the event here!

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

#Overheard

"You don't get points for using servers. You only get points for serving users." - @jeffiel #awsreinvent #Reinvent

@trentlovesracks