



ReleaseTEAM

May 2017



Welcome to our May Newsletter

We hope you have great plans to enjoy the month of May! It is hard to track the breadth of developments in the face-paced world of DevOps. We can say with confidence this newsletter is a one-stop condensed information source for time challenged DevOps professionals. And as always you have an opportunity to earn a \$27 gift card ... just by solving a puzzle!

Upcoming international conferences include the Atlassian Summit May 2-5 in Barcelona, Spain and GitHub Satellite May 22-23 in London (UK). Remember you can typically participate in these events remotely, no airline tickets or jetlag required. Read on for details and links.

Upcoming non-international conferences include the OSCON Open Source Convention May 8- 9 in Austin, Texas; CHEFCONF May 22 – 24 in Austin, Texas; the SwampUp Users Conference May 24-26 in Napa Valley, California and finally mark your calendars for the first ever SmartBear Connect Users Conference September 12-13 in Boston, MA.

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In this newsletter we have summarized the seven major vendor announcements that stood out at DockerCon 2017. If you were unable to attend this quick read is a great way to keep up.

This past month there were two exciting announcements from GitHub. The GitHub Developer Program is now opening to all developers, even those who don't have paid GitHub accounts. They are introducing participation level perks and rewards including free development licenses. You absolutely want to read on for more details!

GitLab released version 9.1 with three new features that give your greater actionable feedback: Service Desk, Canary Deployments and Burndown Charts. Let it be written ReleaseTEAM is a big fan of GitLab 9.1. Read on for more details and links. Also GitLab introduced a moderately priced paid subscription program for GitLab.com users who need a more robust feature set and higher levels of support on mission critical code.

On May 9 at the Capital Factory in Austin, Texas you can join GitLab to learn CI/CD and on May 11 at 1pm EST there is a live webcast on what's new with IBM UrbanCode Build. These are both great opportunities. For more details and links read on.

As mentioned can say with confidence this newsletter is the one-stop condensed information source for time challenged DevOps professionals. As always we at ReleaseTEAM are thankful for your great contributions to the DevOps community. Please call us anytime! We would love to help you in any way large or small.

Partner News

GitHub Announces Updates to the GitHub Developer Program: Now Available To All Developers

For three years the GitHub Developer Program has been a launch pad for developers; from developers testing their newest applications to developers growing their biggest businesses. GitHub is excited to expand and make this program even more accessible.

GitHub Developer Program is now open to all developers... even those who don't have paid GitHub accounts. This means you can join the program no matter what stage of development you're in.

They are also introducing participation levels with existing program perks from both GitHub and GitHub Partners. Perks like development licenses for GitHub Enterprise and a new category of benefits that help you build and scale even faster. More than 17,000 developers around the world are already aboard—if you're kicking around ideas for applications that integrate with GitHub, now is absolutely the time to get started!

This is how the rewards program works: You will be placed into one of three levels based on the size of your user base. For each level there are a set of benefits, resources, and tools available to help you advance to the next stage of development. If you're already a member of the GitHub Developer Program you will get an email with information about your current level and available benefits.

Both GitHub and ReleaseTEAM are excited to see the applications you're building grow, and we cheer the thousands that have already seen success through the GitHub Developer Program.

Learn more

On May 9 Learn CI/CD with GitLab in Austin, TX

On Tuesday, May 9th join GitLab for an afternoon of continuous integration and deployment training. Amanda Folson, GitLab Developer Advocate, will cover what CI/CD is, best practices, and how to leverage it in your software development workflow. She will also cover the basics of CI/CD, creating jobs to run test suites, and deploying code once the tests pass. For more information on registering for these excellent training sessions go to...

<http://get.gitlab.com/training-austin-may/>

GitLab 9.1 Released with Three New Features that Give You Greater Actionable Feedback: Service Desk, Canary Deployments and Burndown Charts

GitLab is designed to provide you with actionable feedback in different stages of your application lifecycle and on different timescales. GitLab 9.1 now introduces three new features.

The new [Canary Deployments](#) feature allows you to deploy new code to a small portion of your fleet, providing you an opportunity to revert with minimal impact if something goes wrong. If a problem is detected, you can quickly revert, minimizing the impact on your users.

In addition, as you expand your software products, the new [Service Desk](#) feature allows your growing user base to send emails to your team via a dedicated address per project for any kind of feedback or support. These show up as GitLab confidential issues in your project. Commenting on them responds back to the original email sender, creating a brand new integrated user feedback channel right inside GitLab.

Finally, GitLab 9.1 has introduced [Burndown Charts](#) that give you team development feedback. As a team you can now visualize and track the pace of issue completion throughout a milestone, giving you information to continuously make improvements in your processes over time.

[Heroku recently blogged](#) that GitLab CI (fully integrated into GitLab itself) has now surpassed Travis CI in popularity based on Stack Overflow question popularity. Google Trends also [shows the same](#). In addition, GitLab is now [used by two-thirds of the self-hosted market](#). Let it be written we at ReleaseTEAM are big fans of GitLab 9.1.

GitLab.com Introduces a Paid Subscriptions Program: For Users Who Need a More Robust Feature Set and Higher Level Support on Mission Critical Code

For the past few years GitLab has run GitLab.com as their free SaaS offering, featuring unlimited public and private repositories, unlimited contributors, and access to key features, like issue tracking, code review, CI, and wikis. None of these things are changing! GitLab is committed to providing an integrated solution that supports the entire software development lifecycle at a price where everyone can contribute.

So what is changing? Over time, the usage of GitLab.com has grown significantly to the point where GitLab now has over two million projects hosted on GitLab.com and they have seen a 16x increase in CI usage over the last year. Thanks to the generosity of Digital Ocean GitLab was able to offer unlimited CI minutes last year. GitLab will still give away free CI, but as of May 1st, the number of minutes on their shared runners will be capped at 2000 minutes a month per group. The new paid subscription plans will allow for additional minutes.

In addition, these new paid subscription plans will also offer a more robust feature set without the overhead of managing your own Enterprise Edition instance and offer a new level of support for teams who use GitLab.com for mission critical code.

You can see more information about the Bronze, Silver and Gold plans on the [Product Section](#) of the GitLab website.

Live Webcast: What's New with IBM UrbanCode Build Thursday, May 11 at 1pm EST

Join this live webcast and see why IBM UrbanCode Build is ideal for the enterprise. IBM UrbanCode Build is a continuous integration and build management server optimized for the enterprise. It is designed to make it easy to scale the configuration and management of your build infrastructure and seamlessly plug in to development, testing and release tooling.

During this webcast they will showcase how UrbanCode Build provides your core continuous integration loop, how to manage projects using centrally defined templates, discuss the fine grained security and controls that scale with you and discuss how UrbanCode Build provides dependency management and awareness. There will also be a live demo. To join the webcast simply [register here](#).

Recent Conference Wrap-Up

The Seven Major Vendor Announcements That Stood Out At DockerCon 2017

Docker itself had three big announcements at the show – [two new open source projects](#) and a [fast-track program](#) for getting legacy enterprise applications running in containers. As DockerCon wrapped-up here are seven (non-Docker) announcements that caught our eye during the show ...

1. CA Technologies Shows Off Two Startups

CA Technologies featured two of its startups – Qubeship.io and Yipee.io – at DockerCon as examples of incubator projects working to make container tech easier for developers to deploy.

2. Rancher Labs Partners With Docker

Rancher Labs and Docker have partnered to integrate Docker Enterprise Edition into its Rancher container management platform. Rancher users can now access all the security and portability benefits of Docker EE through that integration.

3. Oracle To Release Products Into Docker Store Marketplace

Oracle announced that it's working with Docker to release its databases, middleware and developer tools into the Docker Store marketplace via the Docker Certification Program. Developers can now pull images of Oracle products in Docker as enterprise-ready containers.

4. IBM To Make Docker EE Available For Linux

IBM said it plans to make Docker Enterprise Edition (EE) available for Linux on its z Systems mainframes, LinuxONE enterprise servers and Power Systems.

5. Dell EMC Provides Open Source Updates

Dell EMC provided the latest updates of open source contributions from {code}, Dell EMC's open source community. Those updates include trust and security enhancements to REX-Ray, an open source, storage management solution designed to support container runtimes such as Docker and Mesos.

6. StorageOS

London-based StorageOS used DockerCon to introduce the public beta release of its software solution that provides persistent storage for containers. StorageOS is a software-based, policy-driven, distributed storage platform that provides storage for any container with any orchestration on any infrastructure.

7. Nimble Storage (acquired by Hewlett Packard)

Nimble Storage demonstrated Nimble Multicloud Flash Fabric for Docker Containers, an offering for cloud-ready MSPs and system integrators who deliver enterprise solutions and services around DevOps and other modern applications.

For more details visit the following link: <http://www.crn.com/slide-shows/cloud/300084638/7-major-vendor-announcements-that-stood-out-at-dockercon-2017.htm>

Upcoming Conferences

Atlassian Summit May 2-5 in Barcelona, Spain

The Summit is Atlassian's annual user conference and their biggest global event of the year. Teams from around the world come to be inspired, transform the way they work, and witness Atlassian's latest innovations first-hand.

At the Summit you can build a foundation for success, sharpen your product skills, and hear how action leaders build strong, focused, and collaborative teams at all levels. You will interact with teams from around the world and discover how they use the same products you do to accomplish remarkable outcomes. For [information on how to participate remotely](#) see the following link ...

<https://www.atlassian.com/company/events/summit-europe>

GitHub Satellite May 22 – 23 in London (UK)

GitHub Satellite is the European edition of the flagship user and product conference GitHub Universe. Satellite will feature two keynotes from GitHub leadership and fourteen breakout sessions from all over the GitHub community. They will spend an intensive day in breakout sessions featuring maintainers of open source projects, engineering teams facing unique challenges, and leaders using software to change the way their businesses work.

A sample of presentation topics include "[How to avoid creating a GitHub junkyard](#)" by brining sanity to your storytelling, "[The power of the open source community](#)" the essence of building successful open source communities, and "[Openness at King: our journey towards collaboration with GitHub](#)" that will give real world application examples of using GitHub as a sharing and collaborative tool to achieve exceptional outcomes.

Get your Satellite ticket before they sell out! You can find more info about sessions in the Satellite schedule or visit <https://github.com/blog>

OSCON Open Source Convention May 8 - 9 in Austin, Texas

Open Source is everywhere ... from the bottom of the program stack to the top. OSCON brings the software engineering and developer community together to explore what's new and useful in open space language, tools and techniques. It is the best place to sharpen your skills and discover important trends making you better at what you do and igniting your love of code.

https://conferences.oreilly.com/oscon/oscon-tx?cmp=ba-prog-confreg-home-ostx17_rtb_em

CHEFCONF May 22 – 24 in Austin, Texas

CHEFCONF is the annual DevOps conference and get together for the global Chef community. The conference offers two days of keynotes and technical sessions presented by Chef, its partners, its customers, Chef practitioners, IT executives, and DevOps leaders. You will have access to Chef experts and IT thought leaders from around the world. There is also a full day of technical workshops on various Chef-related topics. Plus, the Chef training team is offering free Chef Certification exams. It is a unique opportunity to improve your skills and increase your team productivity.

<https://chefconf.chef.io/2017/>

SwampUp Users Conference May 24-26 in Napa Valley, California

The 2017 event will feature one full-day of hands-on training including Advanced Automation with JFrog Artifactory, Essentials of JFrog Artifactory, Scaling for the DevOps Enterprise with JFrog Artifactory, Continuous Fixing, Global Monitoring and DR with Mission Control, Smart Distribution with JFrog Bintray, Advanced CI: Commit to Deployment for Docker and several Partner Power Workshops. The event will conclude with numerous keynote speakers, a gala dinner and several wine tasting events all in the heart of California wine country.

<https://swampup.jfrog.com/>

SmartBear Connect Users Conference September 12-13 in Boston, MA

The first ever SmartBear Connect users conference will be September 12 – 13 in Boston. The conference will bring together SmartBear's open source communities, Swagger and SoapUI, with users of its commercial products including TestComplete, Ready! API, CrossBrowserTesting and AlertSite. With the convergence of the company's testing, development and technology communities, SmartBear Connect will cover best practices for ensuring quality at every stage of the software lifecycle.

In addition to best practices, the two-day conference will feature customer success stories and product roadmap sessions. Day one will consist of live, interactive product training classes and day two will highlight unique insights from SmartBear customers and industry experts on software testing, performance and the API economy. For participation details click through to the following link...

<https://smartbear.com/news/news-releases/smartbear-announces-inaugural-user-conference/>

The Puzzler

And finally, the newsletter section you have been waiting for ...

We would like to give a shout-out to Melissa Campbell, CTFL the Director of Test Services at FDB First Databank, Inc. for her brilliance in solving the April Puzzler. And now for the unveiling of the May Newsletter Puzzler:

Karl is standing before a 150 story building with two water balloons. Using only these two water balloons, he must figure out the highest floor from which he can drop a balloon such that the balloon won't burst when it hits the ground, (the "tallest safe floor"). Every floor is equally likely to be the tallest safe floor, including the top floor, and it's also just as likely that the balloon will break from every floor.

If he wants to minimize the expected number of drops he has to perform, what strategy should he use for picking which floors to drop the water balloons from?

Be sure to submit your answers ASAP to puzzler@releaseteam.com. Good Luck!