



ReleaseTEAM

June 2017



Welcome to our June Newsletter

This month's newsletter is a jam-packed DevOps news resource. A time-saver of epic proportion... so you can enjoy the June sunshine instead of trolling industry news for things that might have missed your radar. Plus you have the opportunity to win a \$27 gift card if you are the first person to correctly answer the Puzzler question at the end.

Here we go. Let's begin with conferences ...

This month we have the Perforce Tour June 13th – 22nd in Santa Clara, Boston, London and Berlin. In addition, early bird registrations have begun for both Tasktop Connect on October 4th in Columbus, Ohio and for GitHub Universe October 10th-12th in San Francisco, California. The savings of early bird pricing is considerable and early bird tickets sell out fast. Follow the links in the articles below to secure your tickets today! And enjoy our recaps of the recent ChefConf and SwampUp Conferences. They were awesome!

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In Partner News IBM announced that as of April 2018 they will no longer support CC and CQ versions for 8.x. This gives users of CC and CQ version 8.x less than one year to update to version 9 or explore their migration options to GIT based solutions. That is not much time! If you are presently operating on these platforms please contact ReleaseTEAM ASAP to discuss your options. We are happy to help guide you to your most effective solution and minimize your migration stress.

In other Partner News we have included links to SmartBear recent releases and links to Chef new capabilities focused on the transition process to cloud-native and container-first environments. And finally, Perforce has updated their site to give you a better online experience. We recommend you take a moment to follow the link and check it out.

Under the category of new releases and updates, in May GitLab 9.2 was released with multiple assignees for issues and pipeline schedules and GitHub Enterprise 2.7.17, 2.8.13, 2.9.5 updates were released.

Finally, we have included links to valuable on-demand webcasts, education resources and product demos including a GitLab on-demand webcast about going cloud-native, a link to a great info graphic on the difference between Kinesis Firehoses and Kinesis Streams, an article on Docker Orchestrations Compared: Kubernetes vs Amazon ECS vs Docker Cloud / Swarm / EE / Cloud, and several links to exceptional articles from the Atlassian blog and the GitLab blog.

And now as a treat to yourself take a moment and enjoy these awesome pictures from Maker Faire Bay Area 2017. Follow the link and enjoy geeking-out to these phenomenal projects! [Click Here](#). We hope you truly enjoy the month of June. As always we value your partnership with ReleaseTEAM and stand ready to help facilitate your success!

Upcoming Conferences

Perforce Tour 2017 | June 13-22
Santa Clara, CA | Boston, MA | London, UK | Berlin, DE

Come gather with the industry's greatest minds, share your biggest achievements, and get inspired by your peers as Perforce makes their way around the globe for Perforce on Tour 2017.

You will gain best practices knowledge around leveraging the latest Perforce capabilities and learn about streamlined development processes and other innovative solutions during Perforce customer presentations. You will attend technical roundtables to discuss the hottest trends in the industry: automation, DevOps, scalability, traceability, and get the inside scoop on the latest product features and things to come from Executive Team Members.

Topics for these one-day tour conferences include Perforce innovations, customer innovations, Perforce tips and tricks, technical round tables and of course lunch and numerous networking opportunities. [Click here for more information.](#)

Tasktop Connect | Oct 4 in Columbus, OH

Hurry! Early bird registration ends June 21st. At Tasktop Connect attendees will hear actionable advice on what makes the world's largest DevOps and Agile transformations successful and the concrete steps required to achieve success.

Attendees will learn how to create a powerful holistic approach to software development and delivery, implement successful Agile and DevOps transformations and how to build modular toolchains that leverage best-of-breed products.

Tasktop Connect 2017 is bringing together experts like Gene Kim (author of The Phoenix Project and The DevOps Handbook), Carmen DeArdo (Nationwide Insurance) and Dr. Mik Kersten (Tasktop), to answer these questions, and discuss how Value Stream Integration is transforming software development and delivery.

In addition to the educational sessions the event includes networking opportunities and an evening of delicious food and cocktails. [Click here for more information.](#)

GitHub Universe | Oct 10 – 12 San Francisco, CA

GitHub Universe early bird tickets are now available for only \$399. This flagship product and community conference is just a few months away at Pier 70 in San Francisco. Be sure to secure your spot with an early bird ticket or submit a speaker proposal if you'd like to lead a session.

Early bird tickets include two GitHub keynotes, four featured talks, 40 breakout sessions, and after party admission. You can also extend your Universe with a full day of hands-on workshops hosted by GitHub's Training Team. Early bird pricing will be available until August 1, but don't wait—they will sell out. [Click here for more information.](#)

Conference Recaps | SwampUp and ChefConf

Last week's JFrog SwampUP Conference rocked out Napa Valley just before Bottlerock into town. The big themes around Liquid Software and Updating the Universe were absolutely spot-on for the DevOps movement. The two key announcements at the conference were the new JFrog Platform and the Dimon Team joining JFrog. Overall SwampUP was full of excitement, deep technical content, and great speakers. It was well worth attending. We look forward to SwampUP 2018! Look to our future newsletters for more details about JFrog solutions. To get a taste of this event by proxy watch the following link. [SwampUp Recap YouTube](#)

ReleaseTEAM had a blast at ChefConf 2017. Chef is an awesome infrastructure automation product for small to large enterprise scale organizations and the following they have at ChefConf proves it. The news on Habitat was by far the biggest buzz and with the Chef Inspec and Automate functionality there is great potential to help large organizations meet and automate their compliance efforts. We certainly look

Partner News

IBM is announcing they will no longer support ClearCase & ClearQuest versions 8.x as of April 2018

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[Click here for ClearCase information.](#)

[Click here for ClearQuest information.](#)

SmartBear Recent Releases, Product Enhancements and Improved Functionalities

SmartBear recently introduced several product enhancements and new product functionalities. These additions include a new version TestComplete, new functionalities for QAComplete and the new 4.6 version of LoadComplete. A full description of enhancements can be found by following the three links below.

[Enhancements to TestComplete 12.3](#)

[Functionality Improvements to QAComplete](#)

[What's New in LoadComplete 4.6](#)

Chef Automate for Application Automation in Cloud-Native Container-First

At the recent ChefConf 2017 the company announced new capabilities focused on the transition process to cloud-native and container-first environments with consistent automation and DevOps practices. As we now discuss automation in the context of its benefits for developers on a weekly basis, Chef points to the need for 'consistent automation' across hybrid infrastructure and application portfolios.

Chef Automate the company's Continuous Automation Platform, is being extended with capabilities for both compliance automation and application automation.

Compliance Automation – Chef Automate now integrates directly with InSpec to provide workflows and practices for validating security requirements and compliance controls. Defining compliance as code enables security requirements to 'shift left' into DevOps processes.

Application Automation – Chef Automate's integration with Habitat (see below) will extend to enterprises the application supervisor capabilities required for deploying and managing applications from legacy monoliths to container-based, cloud-native, microservices and others.

"It's natural that we move to an application-centric operating model. When we introduced Habitat a year ago, we started on the path of delivering that model to everyone. With the initial release of our build service, we're showing how close we are to a world where a new security vulnerability triggers a fully automated response: we can rebuild your applications, we can patch your infrastructure, and we can validate that those changes can be safely and securely applied in production," said Adam Jacob, co-founder and CTO, Chef.

Perforce Has Updated Their Site Giving You a Better Online Experience

One primary feature of their new redesigned site includes a free trial of Perforce Helix development platform to help you innovate at unrivaled scale. The Helix Development Platform combines enterprise class version control, collaboration, and ALM for end-to-end project lifecycle management. It is the only solution that balances the security, compliance and control needs of the business while providing developers and designers the freedom to innovate at global scale.

On the new site you can also see the Helix Development Platform in action by signing up for a live demo. Hosted every other week by a Perforce Solutions Engineer, live demos showcase the best features of Helix VCS and Helix ALM in 20 minutes or less. [Click here for more information.](#)

New Releases and Updates

GITLAB 9.2 Released with Multiple Assignees for Issues and Pipeline Schedules

GitLab is designed to allow everyone to contribute whether their teams are large or small, remote or in a single room. With 9.2, GitLab introduces Multiple Assignees for Issues to streamline collaboration and allow shared responsibilities to be clearly displayed. All assignees are shown across workflows and receive notifications as they would before, simplifying communication and ownership.

GitLab 9.2 also lays the foundation for the localization of GitLab, with Cycle Analytics now available in Spanish and German languages. In future releases, GitLab will continue to localize additional workflows within GitLab to ensure that everyone can contribute regardless of their native language.

GitLab has also given additional control to developers over when their CI/CD Pipelines execute with Pipeline Schedules. They have added the ability to configure pipelines to run on a specific schedule automating repetitive tasks like the creation of nightly builds, maintenance, or validation of external dependencies.

[Click here for more information.](#)

GitHub Enterprise 2.7.17, 2.8.13, 2.9.5 Updates Released

The 2.7.17, 2.8.13 and 2.9.5 releases for GitHub Enterprise are now available for download from <https://enterprise.github.com/releases>.

The full release notes are available at:

- <https://enterprise.github.com/releases/2.7.17/notes>
- <https://enterprise.github.com/releases/2.8.13/notes>
- <https://enterprise.github.com/releases/2.9.5/notes>

Valuable On-Demand Webcasts, Education Resources and Demos

GitLab Webcast: What You Need to Know About Going Cloud-Native

Cloud-Native isn't just a buzzword — it's a vision for how businesses can be more flexible, reduce their costs, increase collaboration and improve security. Adopting a Cloud-Native approach to leverage the power of the cloud has a host of benefits, including saving time and money, but it also poses some risks and challenges for businesses.

In this webcast, GitLab CEO Sid Sijbrandij shares the advantages of Cloud-Native development, challenges of the transition and how to overcome them, and GitLab's Cloud-Native vision.

[Click here for more information.](#)

Demystifying Amazon Kinesis: The Difference Between Kinesis Firehoses and Streams

The following link is a great info graphic on the difference between Kinesis Firehoses and Kinesis Streams. As teams increasingly move into the cloud with Amazon Web Services, getting a handle on some of the available tools can be a challenge. Amazon Kinesis is a managed, dynamically scalable service that allows users to continuously collect, store, and process streaming data.

[Click here for more information.](#)

Docker Orchestrations Compared: Kubernetes vs Amazon ECS vs Docker Cloud / Swarm / EE / Cloud

Containerized software is riding a wave of growth, according to latest [RightScale survey](#). At Sematext we see this growth trend via our [Docker monitoring](#) adoption and via [Sematext Docker Agent](#) popularity on Docker Hub, where it crossed [1M+ pulls line](#). This rapid rise of containers now makes Docker the top DevOps tool among those included in the RightScale survey. Overall Docker adoption surged to 35 percent, while Kubernetes adoption doubled, going from 7% in 2016 to 14% percent.

Although Docker helps with DevOps automation around developing, building, packaging, and deploying, container orchestration tools such as Kubernetes, Google GKE, Docker Swarm, Amazon ECS, are still in early phases of adoption. We recently conducted a Twitter Poll asking: What container orchestration tool do you use today? The results were 11% Kubernetes/ Google GKE, 9% Docker Cloud / Swarm/ EE, 14% Amazon ECS and 66% none.

While it feels like there is a lot of buzz around and adoption of Kubernetes, and Docker is pushing Swarm, the poll shows Amazon ECS has a bit of a lead. Kubernetes / Google GKE and Docker Cloud / Swarm / EE are not far behind ECS and not far from each other either.

The most intriguing find is that **66% of poll participants are not using any container orchestration**, which suggests the market for orchestration tools is still very young and has huge potential for growth. There is clearly a market to consider, a big opportunity with potential users who have not yet adopted a container orchestration solution. It will be very interesting to see how this landscape changes over the coming months.

Five Great Articles from the Atlassian Blog

This month there are five great articles on the Atlassian Blog. Everything from how to build a culture of innovation every day to the five secrets of high-performing IT teams. There are also great articles on the four reasons why it's time to try Data Center and six amazing Maker Faire projects and the teams that made them. Finally, there is a great article on what self-driving cars can teach us about software testing.

[Click here for the Atlassian Blog.](#)

GitLab Blog: Three Articles Worth Reading

Nine Attributes of Successful Development Teams

Not all development teams work the same way, but there are some values, processes, and attitudes that all successful teams share. In this post, we discuss why successful development teams automate everything, are meticulous about documentation, are highly collaborative, make it easy for to contribute, work on side projects, and are encouraged to be creative. [Click here for full article.](#)

DEMO – Auto-Deploy From GitLab to an Openshift Container Cluster

Containers are an essential tool for achieving DevOps at scale. Bringing code and infrastructure closer together, containers provide consistency across environments and tools for developers, QA, and IT. Using GitLab's built-in CI/CD and our integration with OpenShift, you can run all of your CI/CD jobs in a container cluster.

In this demonstration, Senior Build Engineer DJ Mountney, will show how you can build, test, deploy a basic application in a container from GitLab to an OpenShift container cluster. [Click here to route to DEMO.](#)

Fast and Natural Continuous Integration with GitLab CI

Do you use GitLab to store your repos? Have you ever stopped to check what some of those tabs on top of your repositories do? Well, you can either disable those in your project settings, or you can keep reading to discover some ways in which they can help you power up your development speed.

This post offers a high-level overview of how GitLab has interpreted the main concepts of Continuous Integration/Delivery and introduces the main features of the tool as well as their naming conventions.

[Click here for full article.](#)

The Puzzler

We would like to give a shout-out to Ross Howatson for his brilliance in solving the May Puzzler! Please email puzzler@releaseteam.com for details on how to collect your \$27 gift card.

While no one gave the mathematical answer we were seeking... Ross's answer was based on the design of water balloons, which are designed to break on any impact, so the ground floor is the safest highest floor.

Ignoring the actual design of water balloons, we were looking for the equation; $n(n+1) / 2 \geq 120$. For detailed explanation last month's puzzle was a variation of the two egg problem, which is explained in detail here: <http://datagenetics.com/blog/july22012/index.html>

And now for the grand unveiling of this month's puzzler ...

The ladder on Shawn's yacht hangs over the side while anchored in port. The bottom rung touches the water. The distance between rungs is 16 inches and the length of the ladder is 12 feet. The tide is rising at the rate of 10 inches each hour. When will the water reach the seventh rung from the top?

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

DevOps Solution Delivery Tailored to Optimize Your Business

ReleaseTEAM is a global consulting company and software reseller specializing in DevOps. We partner with clients in the architecture and delivery of DevOps solutions always designing to leverage past technology investments only incorporating new modern tool-sets where needed. We have broad experience in both the Private and Public Sectors and hold a GSA schedule for many of the leading DevOps tools on the market today. Contact us today!

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