



Here's your ReleaseTEAM newsletter!

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GitHub



Microsoft

Microsoft's purchase of GitHub has raised quite a stir in the tech world – it seems everyone has a strong opinion on the matter. I've seen just about every degree of reaction – some quite extreme. I recommend we all take a deep breath and consider this: GitHub said that it needed to happen.

And it's true -- let's set aside the big flashy headlines and look at the details. Essentially GitHub had gone as far as it could without help from the outside. They provide a great product for developers, but more at a grassroots level; in order to break through and become a serious player in every dev arena, they needed some muscle. Enter Microsoft, and GitHub gets just what they need – a cash infusion, more focused leadership, and even better positioning in the Corporate/Enterprise/Cloud realms. [Continue reading](#)

We're Growing, Come Join The TEAM



We're looking for top talent to join our group of driven, intelligent, experienced, innovative, forward-thinking, industry experts. We have openings for SMEs in multiple disciplines.



Join **THE TEAM!**

What User Groups or Meetups Do You Attend?

Tell us what groups you attend regularly in this season's survey and you could win an Amazon gift card! One lucky winner will be randomly selected from this season's respondents.

[Enter Now!](#)

ReleaseTEAM Webinars: Stay Informed



Join us and our partners, GitHub and GitKraken, on July 12th at 1 pm EDT

Do you find yourself hotfixing to production on a regular basis?

Do you want to create a better experience for collaborators contributing to your project?

Then join us as we discuss how to use best practices and tools to improve your processes.

Attendees Will Be Eligible for an Exclusive Promotional Offer!

[Register Now](#)

Jira and Confluence: Now Even Better Together



Confluence and Jira Software: Separate, they're good. Together, they're *real* good. In fact, over half of Jira Software teams already use Confluence as a complement to Jira and their agile development toolset. Confluence is an open and shared workspace where teams can create and organize documentation, draw up project requirements, collaborate with other teams, and provide visibility to projects. Teams all over the world use the two to stay aligned and ship faster.

Despite how well Confluence works with Jira, the path for Jira users to adopt Confluence when they may need it most has not been straightforward. Many customers start with Jira but could use the documentation and collaborative capabilities of Confluence. Other customers start with a Jira/Confluence bundle but don't know how to use the full benefit of Confluence. More...

Agile Testing – What is it and How to Transition to it?

PERFORCE

Agile development takes an incremental approach to design. Similarly, Agile testing includes an incremental approach to testing. As a feature is developed, it gets tested.

Agile testing supports DevOps and continuous testing. And continuous testing is important to improving product quality.

In Agile development, testing needs to happen early and often. So, instead of waiting for development to be finished before testing begins, testing happens continuously as features are added. Tests are prioritized just like user stories. Testers aim to get through as many tests as they can in an iteration. Adding [automated testing](#) tools can help testers get through more of the testing backlog. [Read more...](#)

New Tools Unveiled at DockerCon



Docker recently introduced Docker Enterprise Edition 2.0, supporting both Swarm and Kubernetes interchangeably in the same cluster. Docker and Microsoft are now working together to let your Windows workloads run while leveraging all the features of both Kubernetes and Docker Enterprise Edition combined. That means organizations can choose to deploy Windows and .NET applications with either Swarm or Kubernetes, running along alongside Linux applications: [Kubernetes on Windows Server with Docker Enterprise Edition](#).

[Federated Application Management](#) brings new application management capabilities for Docker Enterprise Edition that will allow organizations to federate applications across Docker Enterprise Edition environments deployed on-premises and in the cloud as well as across cloud-hosted Kubernetes. This includes Azure Kubernetes Service (AKS), AWS Elastic Container Service for Kubernetes (EKS), and Google Kubernetes Engine (GKE).

An [upcoming Docker Desktop feature](#) that will make it easier than ever to design your own container-based applications. Now it's easier to get started with containerization, and even easier to share and collaborate and integrate container-based development into more developers' toolsets.

How (and why!) to Keep Your Git Commit History Clean



Commits are one of the key parts of a Git repository, and more so, the *commit message* is a life log for the repository. As the project/repository evolves over time (new features getting added, bugs being fixed, architecture being refactored), commit messages are the place where one can see what was changed and how. So, it's important that these messages reflect the underlying change in a short, precise manner. [Read more...](#)

CloudBees Named IDC Innovator in Agile Code Development Market



The IDC Innovators report, [IDC Innovators: Agile Code Development Technologies 2018](#), profiles notable vendors in the agile code development technologies market by recognizing organizations that demonstrate either a groundbreaking business model or an innovative new technology. CloudBees is featured as a key enterprise-grade continuous delivery software service, based on the open source Jenkins technology. This acknowledgment signifies CloudBees' continued commitment to providing enterprises with the tools to achieve continuous delivery and deploy high-quality software, more quickly. [Read more](#)

Using Artifactory as Your Docker Registry



Docker has become the standard for containerization and JFrog Artifactory helps to address several container-related needs of software development organizations, like distributing and sharing images across an organization, controlling access to images, and overcoming issues of network connectivity and latency. [Read the whitepaper](#)

QASymphony: Proud to Announce Merger with Tricentis



QASymphony is committed to providing testing solutions that transform the way global enterprise create better software. This merger furthers their vision to help customers prioritize quality, develop more reliable software, and increase their speed to market in an age of digital transformation and market disruption.

Like QASymphony's qTest, Tricentis has done their own disrupting through replacing legacy test automation provided by Micro Focus ALM (Formerly HPE) with solutions for continuous testing. Their continuous testing capabilities have consistently been recognized by the top 3 analysts as the market leader in test automation.

This merger adds a portfolio of modern testing solutions with the qTest platform to deliver end-to-end software testing, including:

- Model Based Test Automation
- Risk-based Testing
- Service Virtualization
- Test Data Management
- Cloud-based Load Testing

Hear what QASymphony's CEO, Dave Keil has to say: [QASymphony and Tricentis Join Forces](#).

For questions or concerns regarding your QASymphony support or licensing, please contact your ReleaseTEAM account rep, [or email us](#)

GitLab 11 Released



GitLab 11 includes Auto DevOps, License Management, enhanced security testing, [and more...](#)

Missed ChefConf 2018? Catch it on Video



If you missed out on attending ChefConf this year or you did attend and want to catch the highlights, you can access the [video playlist](#), which includes highlights like:

- Chef CEO Barry Crist analyzing the shift from infrastructure-centric to application-centered automation in a post-digital transformation world
- Chef Co-Founder and CTO Adam Jacob's frank advice for companies making that transition
- Demos of the new features in Chef Automate, InSpec, and Habitat
- Success stories from our customers at Bill & Melinda Gates Foundation, CSG International, Toyota Financial Services, and the University of Kansas
- And much more from our partners and community members!

Puppet Acquires Reflect



Reflect's data-visualization-as-a-service gives product and engineering teams a platform to easily add data analytics and engaging visualizations to the software applications they build. In turn, those product and engineering teams would deliver rich insights to their end users, giving them the information needed to make better and faster decisions. [More](#)

At Puppet, we've always believed in empowering our users, too. Today our customers rely on Puppet products to mine valuable information about their IT estate, and take action on it. We constantly strive to enhance that experience. With Reflect's technology and talent, we'll be able to give customers new and engaging ways to visualize and leverage their data to make faster, more informed decisions as they progress on their journeys to pervasive automation.

DevOpsDays Visits Two U.S. Cities in July



Minneapolis, MN • July 12-13

Indianapolis, IN • July 23-24



OSCON 2018 | July 16-19 • Portland, OR



Lucidchart Connect | July • Chicago, Aug • Seattle & San Francisco



Jenkins World 2018 | Sept 16-19 • San Francisco, CA

GitHub and Microsoft Historic Acquisition continued...

Competition produces innovation. The Microsoft – [GitHub](#) union could not only leverage Azure into a fairly solid Amazon-Google cloud market, and produce great SMB dev solutions, but it also gives GitHub some serious competitive advantages alongside their repository rivals, superfast [GitLab](#) and feature-rich but less-expensive Atlassian [Bitbucket](#). This Acquisition has also shown positive outcomes for both GitLab and Bitbucket; we've seen license sales increase for both vendors since the announcement.

Microsoft CEO Satya Nadella has been nudging Microsoft towards open source since becoming CEO in 2014, and that's a good thing. We've all seen Microsoft's assurances that GitHub will continue to operate independently as an open platform that is programming-language-agnostic. The folks at GitHub agree and are comfortable with these assurances, even the open source community (including Linux) feels it's a great day for the cause. And honestly, I don't see GitHub dropping Linux support, being bundled with Edge browser, or being yet another product in the MS Office Suite as some fear-mongers have proclaimed. We've trusted GitHub this far, why would we stop now?

So, let's all take another deep breath and see where it goes – I have a feeling this deal will not only benefit GitHub and GitHub users but all of the dev and open source communities as well.

If you still have concerns about the future of GitHub as it pertains to your business, please [contact us](#) and we'll be happy to guide you through it.



Problem:

The FreeByrds, an Angry Monkey, and a Pile of Coconuts

A cruise ship sinks, stranding Karl and his 9-man *Lynyrd Skynyrd* cover band on a deserted island. There they find lots of coconuts and an ill-tempered monkey (who, unbeknownst to them, has limited magical powers). During their first day, the band gathers all of the coconuts and puts them all in a community pile. After working all day, they decide to sleep and divide the pile into ten equal piles the next morning.

That night one band member wakes up hungry and decides to take his share early. After dividing up the coconuts he finds he is one coconut short of ten equal piles. He also notices the monkey glaring at him and holding a coconut. So, the band member goes over and tries to take the monkey's coconut (so he would have a total number of coconuts evenly divisible by 10), but when he tries to take the coconut, the monkey conks him on the head with it, and transports him magically to a nearby island.

Later the same night, another band member wakes up hungry and decides to take her share early. On the way to the coconuts she sees that one of their band is missing, which pleases her because she will now be entitled to $1/9$ of the total pile. After dividing the coconuts into nine piles, she is one coconut short and she tries to take the monkey's coconut to even things out. The monkey conks the second band member on the head, sending her on a reunion tour to the nearby island.

One by one each of the remaining FreeByrds goes through the same process, always coming up one coconut short and needing the magical monkey's coconut to even things out, until Karl wakes to find he has the entire pile to himself. What is the smallest number of possible coconuts in the pile, not counting the one still gripped by the ornery magical monkey?

Think you have the solution? Be sure to submit your answer with the explanation to puzzler@releaseteam.com ASAP.

As always, correct responses are entered into a drawing for **an Amazon gift card**.

Good luck from all of us at ReleaseTEAM!

LAST MONTH'S PUZZLER:

Karl has a room in the ReleaseTEAM office that contains 1000 jars of rare and very expensive pickles. The CEO of a rival consulting company plots to embarrass Karl, so he sends a minion to add a potent laxative to the jars of crunchy delights. Fortunately, building security catches the minion in the act, but only after he'd already dispensed one of the vials of laxative – but which jar is tainted??? Karl decides he will get some of his own minions to sample the pickles (sadly, he has less than 1000 minions at his beck and call), and being a clever fellow, (and believing he can handle the wrath of just 10) he knows he won't need more than 10 of his minions to receive an embarrassing dose — plus, he'll still be able to savor the rest of the pickles (999 jars) at the ReleaseTEAM *Christmas in July* office party in 5 weeks' time. Explain how Karl will be able to do so?

Solution:

Think in terms of binary numbers.

Number the pickle jars 1 to 1000 and write the number in binary format.

Jar 1 = 0000000001 (10-digit binary word)

Jar 2 = 0000000010

Jar 500 = 0111110100

Jar 1000 = 1111101000

Now take 10 minions and number them 1 to 10. Let minion #1 sample a pickle from every jar that has a 1 as its least significant bit. Let minion #10 take a sample from every jar with a 1 as its most significant bit, etc.

minion = 10 9 8 7 6 5 4 3 2 1

Jar = 1 1 1 0 0 1 1 1 0 0

For instance, Jar no. 924 would be sampled by 10,9,8,5,4 and 3. That way if Jar no. 924 was the tainted one, only those minions would be...afflicted.

Line the minions up in their bit order and read each healthy minion as a 0 bit and each ailing minion as a 1 bit. The resulting number matches the number assigned to the Jar of pickles that was dosed.

1000 is less than 1024 (2^{10}). If there were 1024 or more jars of pickles, it would take more than 10 minions to solve.

Congratulations *Carolyn J.*, you're this month's Puzzle Master!

[Contact us for your prize](#)

DevOps Solution Delivery Tailored to Optimize Your Business

ReleaseTEAM, Inc. 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 balance past technology investments with new toolsets 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.

Accelerate your DevOps journey!

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