Open Source Contributions and Collaborations: How (and why) Netflix Drives Industry Engagement

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Diverse Contributions
Spinnaker: an example of industry-based collaboration
What is Spinnaker and why did we build it?
Asgard

- Cloud providers forked
- Parallel solutions: community and internal
- Maintenance headaches
- Didn’t learn from community
Spinnaker

- Develop in the Open
- Cloud providers contribute their code
- Distributes maintenance
- Building cloud best practices across industry
Who contributed?
Netflix + Google + Microsoft + Kenzen + …
What Happened?
Netflix’s New Spinnaker Open Source Tool Makes It Easy to Use Amazon’s Cloud—and Google’s
Joining Forces

Google joined forces with Netflix on Spinnaker because it wants businesses to use the tool with the Google cloud. And Netflix joined forces with Google because it wants to ensure that it can take advantage of any improvements Google makes to the tool. According to Glover, Netflix has also worked with engineers at cloud computing company Pivotal to make sure that Spinnaker can also deploy code to Pivotal’s Cloud Foundry software. And Netflix plans to work with Microsoft engineers so that the tool will dovetail with the Microsoft Azure cloud service. All of this, Glover says, will help ensure that Netflix can benefit from the work of the wider community.
Creating Microservice Deployment Pipelines with Netflix’s Spinnaker: A Perspective from Google

by Daniel Bryant on Feb 28, 2016 | Discuss

We know that there are lots of people out in the community that hesitate to adopt continuous delivery because it is complicated. They also hesitate to pick a cloud provider because of fear of lock-in. So we, at Google, want you to have good tools that you can use to reliably deploy across clouds.

Overall, working with [the community] on Spinnaker, we would like to set the standard for tooling in this space.
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Hitting the Elusive Jackpot: Kubernetes + Titus
Building a Collaboration ....
You’re building a remote team!
You’re building a remote team!

Communicate Regularly
You’re building a remote team!

Communicate Regularly

Share roadmap
You’re building a remote team!

Communicate Regularly

Share roadmap

Build Trust
Trust

- commitment
- sincerity
- reliability
- integrity
- competence
- consistency
Extending Trust

- Value input
- Don’t dominate
Remember your Internal Customers

- Netflix engineers prioritize our engineering needs
- Building in open so other needs are not lost
- Your product may scale. You don’t.
Success Requires Great Leaders
Leave you with a question …
Was our experience unique?
Thank you

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