

Getting started with contributing to OpenStack; Do's and Dont's

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What we're going to talk about

- An overview of OpenStack
 - From the perspective of a new contributor
- Five things to do
- Seven things to avoid at all costs
- Why you should contribute
- Resources
- Questions and Answers

Who we are

- Davanum Srinivas
 - OpenStack Technical Committee
 - Former PTL for OSLO
 - Active in a number of projects including Nova, Keystone, Magnum and the Release team
 - Works at Huawei
- Amrith Kumar
 - Former PTL for Trove (Database project)
 - Author of a book on OpenStack Trove
 - Contributor to other open source projects (Network Time, ...)
 - Works at Verizon

OpenStack Components (non-technical)

- **OpenStack is**

- **The Principles**

- The four opens

- **The Projects**

- The software and release process

- **The Community**

- The individuals and companies

- **The Governance**

- Foundation, Technical Committee, PTLs, contributors, ...

Five things every new contributor should do

- Join mailing lists
- Get an IRC client
- Register with Launchpad, Github, and sign the ICLA
- Find a machine that you can dedicate to OpenStack
- Pick one (or a small number) of areas of interest

<https://hypecycles.com/2016/09/04/5-easy-steps-to-get-started-with-openstack/>

Seven things to avoid at all costs

- Don't provide empty commit messages
- Don't expect that reviews are automatic
- Don't leave empty reviews
- Don't game the Stackalytics system
- Don't ignore review comments
- Don't be shy
- Don't be an IRC ghost

<https://hypecycles.com/2017/01/09/seven-things-you-shouldnt-do-if-you-want-to-be-an-effective-openstack-contributor/>

Why contribute?

- Two examples from my own experience

Good Code Reviews

- **Great way to build community karma**
 - Most common complaint from new contributors is long review wait times, so you can greatly help in this area
- *Anyone* may vote -1/0/+1 on any code review in any project
- Review *specs* as well as code patches
 - Operator feedback on blueprint specifications is *extremely* valuable
- *Nobody* knows everything about everything
- Provide *helpful commentary* on areas you *do* feel comfortable with
- *Ask questions* on reviews about areas you aren't yet comfortable with

Resources

- Upstream Institute
- Certification programs
- Internship programs (Outreachy, ...)
- Women of OpenStack
- Meetups and Events
- Travel Support program

Questions and Answers

- Learn more at <https://wiki.openstack.org>
- Contact us at

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