

Debian to DC/OS

Factors that shape open source communities



DevXCon 2018

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Who we are:



Elizabeth K. Joseph

Former systems engineer with 15+ years in open source communities including Debian, Ubuntu, OpenStack and DC/OS.



Judith Malnick

Former biologist with nearly 2 years working with open source communities including Apache Mesos, Marathon, and Mesosphere DC/OS.

Photo by [SpaceX](#) on [Unsplash](#)

The "right" kind of community depends on
the project





Roadmap:

- Project Factors
- Examples
- Conclusions

Project Factors

Architecture, target user, governance

Project Structure

How do the pieces of your project work with each other?

- Integrated
- Modular

How does your open source project relate to the product you sell?

- Is it fully open source, or open core?





Contributors & users:

- B-to-B
 - Built by businesses for professional users
- B-to-C
 - Built by businesses for consumers
- C-to-C
 - Built by individuals for individuals (classic open source)

Photo by [Ashton Bingham](#) on [Unsplash](#)

Governance:

- Grass roots:
 - Focus on individuals
- Foundation controlled:
 - companies or individuals support
- Company controlled:
 - one company defines the direction of the project



Project Examples

Debian, Ubuntu, Apache Mesos, DC/OS, OpenStack

Debian: operating system

Project traits:

- Fully Open
- Modular
- C-to-C
- Grassroots governance

Nurture by:

- Open engagement
- Showing personal interest
- Recognizing contributions

CM/DA expertise:

- Technical
- Ok with old school tooling
- Packaging experience
- Personally uses Linux



Ubuntu: operating system

Project traits:

- Fully open
- Modular
- B-to-B
- Company controlled

Nurture by:

- I.D. chances for contribution
- Advertise them
- Recognize contributions

CM/DA expertise:

- Should use Ubuntu
- Fun, social, upbeat
- Can build supporting tooling



Apache Mesos: cluster resource manager

Project traits:

- Fully Open
- Integrated
- B-to-B
- Foundation controlled

Nurture by:

- Help devs & users connect
- Flatten contribution onramp
- Translate ongoing work
- More noise
- Recognize contributions

CM/DA expertise:

- Technical writing
- Social media
- Understands contribution processes



DC/OS: distributed computing platform

Project traits:

- Open Core
- Evolved from Enterprise
- Integrated
- B-to-B
- Company controlled

Nurture by:

- Encourage public development
- Set expectations
- Create opportunities for non-code contributions
- Recognize them

CM/DA expertise:

- Comfort with ambiguity
- Compromise
- Overview of project to ID contribution opportunities
- Understanding eng processes



OpenStack: cloud platform

Project traits:

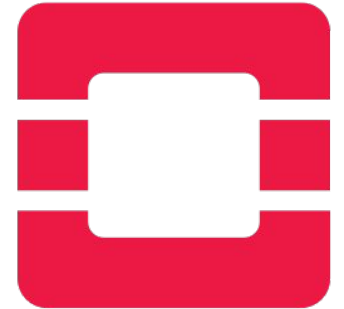
- Fully open
- Modular
- B-to-B
- Foundation controlled
- Supported by companies

Nurture by:

- Gathering technical contributions
- Provide financial support for events
- Recognize contributions

CM/DA expertise:

- Technical (can contribute)
- Strong organizer of multi company endeavors



Conclusions

What to make of it all?

Conclusions

Every community is different.

- The "openness" of your community should inform your approach to nurturing it.
- Recognizing the type of community you have helps you target your efforts.




Recognizing contributions is important for any community building.







Join the Community

DC/OS is 100% open source, and based on Apache Mesos and Marathon. Whether you need help, want to contribute, or are just looking for the latest news, you can find out how to connect with your fellow community members (and related communities) here.





Get Help

-  Mailing list
-  Slack
-  Paid Training

Get Involved

-  Report a Bug
-  GitHub
-  Working groups
-  Contribute

Get Updates

-  Twitter
-  YouTube
-  Meetup
-  Calendar

Contact Us:

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