Debian to DC/OS

Factors that shape open source communities

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Who we are:

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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.
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)
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.

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