



OLF NETWORKING

Developer & Testing Forum

Plenary session: What is essential for successful open source project?

Pawel Pawlak, F5
ONAP TSC Chair



<https://lfnetworking.org>

Agenda

- What is successful open source project?
- About challenges...
- Ideas on how to get/stay there
- Q&A



Success...



Successful open source project

- Open source software is software with source code that anyone can inspect, modify, and enhance.

Source: <https://opensource.com/resources/what-open-source>

- What successful means?
 - Solves problem
 - Delivers value
 - Provides support
 - Animates bidirectional contribution e.g. Linux Kernel
 - Encourages people to stay engaged
 - Is supported by Industry
 - Is secure
 - Is utilized

Perspectives...

- Might be different for:
 - End user
 - Consumer
 - Developer
 - Tester
 - Integrator
 - Technical writer
 - Security specialist
 - Leader



Challenges...



Challenges: ccPRIDE

- Communication
- Complexity
- Prioritization
- Resources
- Involvement
- Delegation
- Efficiency

Challenges: communication

- Different time zones
- Community Meetings
- E-mails, groups, chats
- vF2F, F2F
- Hackathons
- Languages and accents
- Culture

Challenges: complexity

- To solve complex problem...

... is it really only with complex solution?

Challenges: prioritization

- Sooner or later initial enthusiasm will be not enough and focus on the most important things first will have to be done...
- Decision is just the beginning
- How to transition to mature product?

Challenges: resources

- People
- Tools
- Processes

Challenges: involvement

- Open source makes sense when community is involved in a **bidirectional** manner:
 - Get the code
 - Push the code
- Contributors are joining meetings.
- Community provides support.
- Documentation is continuously improved.

Challenges: delegation

- Queen Bee, King, Sun, Emperor type of leadership will probably not work
- Instead facilitation of involvement is key!
 - Open source is not only code development
 - So many ways to contribute

Challenges: efficiency

- Nobody likes waste of:
 - Time
 - Too many meetings?
 - Resources
 - Redundant scans, tools
 - Power...
 - Easiness to upgrade



Ideas...



Ideas on how to get/stay there

- Best practices sharing between projects, communities.
- Foster exchanges with your project consumers - Collecting feedback, understanding how your project is used.
- Partnership with universities/academics – how they are motivated?
- Mentorship program, how to keep involved after?
- Optimization, streamlining
- What is the project vision, how it evolves over time?



Questions? Comments?



Q&A

- A
- B
- C