Linux Foundation Networking

Heather Kirksey, VP Ecosystem & Community, Linux Foundation
Linux Foundation Overview
The Linux Foundation is creating the greatest shared technology investment in history by enabling open source collaboration across companies, developers, and users.
Today the Linux Foundation is much more than Linux

Security
We are helping global privacy and security through a program to encrypt the entire internet.

Networking
We are creating ecosystems around networking to improve agility in the evolving software-defined datacenter.

Cloud
We are creating a portability layer for the cloud, driving de facto standards and developing the orchestration layer for all clouds.

Automotive
We are creating the platform for infotainment in the auto industry that can be expanded into instrument clusters and telematics systems.

Blockchain
We are creating a permanent, secure distributed ledger that makes it easier to create cost-efficient, decentralized business networks.

Web
We are providing the application development framework for next generation web, mobile, serverless, and IoT applications.

Let's Encrypt

We are regularly adding projects; for the most up-to-date listing of all projects visit tlfprojects.org
What is LF’s role in projects?

| Governance and Membership | • Incorporation, Tax status, Bylaws, Member Agreements, Anti-trust, etc.  
• Ongoing business development and membership recruitment |
| Development Process        | • Technical Decision Making  
• Project Life Cycle  
• Release Process |
| Infrastructure             | • Custom infrastructure using open source best practices  
• Security and reliability |
| Ecosystem Development      | • Marketing  
• Events  
• Training |
| IP Management              | • Code Provenance  
• Trademark management  
• Legal defense and Collaboration |
It Pays to Give Back

It is a competitive advantage for companies to allow developers to contribute.

“New research by Assistant Professor Frank Nagle, a member of the Strategy Unit at Harvard Business School, shows that paying employees to contribute to such software boosts the company’s productivity from using the software by as much as 100 percent, when compared with free-riding competitors.”

https://hbswk.hbs.edu/item/the-hidden-benefit-of-giving-back-to-open-source-software
LF Networking Project Umbrella
Linux Foundation Networking Staff

**Leadership**
- Arpit Joshipura, General Manager, Networking
- Mike Wooster, Chief Revenue Officer
- Heather Kirksey, VP Ecosystem and Community

**Marketing**
- Jill Lovato, Head of PR
- Brandon Wick, Head of Marketing
- Emily Ruff, LFN Event Support
Technical Operations

Casey Cain - Technical Program Manager
OpenDaylight, PNDA, Tungsten Fabric, New Member Management, LFN Webstore, Meetup Admin, TAC
cain@linuxfoundation.org

Trishan de Lanerolle - Technical Program Manager
FD.io, SNAS.io, OPX, ORAN-SC*, DANOS*, DENT*, DPDK*, OvS*, FRR*, LFN Internships, Academic Outreach
tdelanerolle@linuxfoundation.org

David McBride - Sr Technical Release Manager
ONAP Release, OPNFV Release, LFN Analytics
dmcbride@linuxfoundation.org

Kenny Paul - Technical Program Manager
ONAP, LFN Governing Board, Strategic Planning & Finance Committee support
kpaul@linuxfoundation.org

Louis Illuzzi - Program Manager
New Project Onboarding
lilluzzi@contractor.linuxfoundation.org

Min Yu - Operations Manager
Member Onboarding and Engagement, Internships, Business and Member operations
myu@linuxfoundation.org

Jim Baker - Technical Program Manager
OPNFV, EUAG & CVC support
jbaker@linuxfoundation.org

*non-LFN projects
There are lots of ways to get involved!

<table>
<thead>
<tr>
<th>Join TSC calls and subscribe to project mailing lists</th>
<th>Attend Hackfests, Plugfests and developer events</th>
<th>Contribute to release documentation</th>
<th>Provide your deployment feedback through the EUAG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Search for Open Bugs, or Report a New One, in the project JIRAs</td>
<td>Start or join a local OSN User Group Meetup</td>
<td>Define compliance and verification test cases</td>
<td>Review and submit code patches</td>
</tr>
</tbody>
</table>

[THE LINUX FOUNDATION]
First a little bit about LF Networking Marketing

News Sharing & Promotion

Participate in Community Demos and PoCs

Use Cases, Case Studies, Deployment Insight

Events – Speaking and Attending
You’re Ready to Contribute Code
Get to know the Neighbors
DO
› Get to know your community as people
› Subscribe to mailing lists, IRC channels, attend meetings
› Ask Questions
› Listen, Listen, Listen
› Offer to help with non-technical tasks

DON’T
› Forget to RTFM
› Assume your way is a better way
› Be Rude
› Be intimidated
› Be seen as pushing a corporate agenda
But Beware of Bears
DO

› Involve the community in feature design
› Explain your motivations/use case
› Submit code in small patches
› Expect to spend time teaching others your code
› Take feedback
› Review others’ code
› Be Respectful

DON’T

› Drop huge patches and expect them to be integrated
› Don’t drop “drive by code”
› Replicate something that already exists
› Make your code the community’s problem
› Treat the Release Manager like your personal resource
› Take feedback personally
› Focus only on your feature code
Don’t just RTFM; Help Write TFM
Get Involved in Testing & Integration
EARN Trust by Contributing
As you grow, help newbies who join
Open Source Networking User Groups

› 37 Groups – 23 Countries – 6,411 Members
› Open Source Networking User Groups are locally managed groups passionate about network transformation through open source
› Groups hold 2-4 meetups per year
› See the global network of groups and upcoming meetups: https://www.meetup.com/pro/osnug
Open Source is a Team Sport
Questions?