Linux Foundation Public Health (LFPH)

Public Sector SIG Update

Oct 21, 2022

□LF PUBLIC HEALTH

The Linux Foundation is much more than just Linux

- **2,000+** members from 40+ countries
- **100%** of Fortune 100 tech & telecom
- **40,000+** developers contributing code
- **400+** open source projects

Category			
Security	Let's Encrypt	CORE INFRASTRUCTURE INITIATIVE	
Networking	LF NETWORKING	ONAP OPEN NETWORK AUTOMATION PLATFORM	OPEN DAYLIGHT
Cloud	kubernetes	CLOUD NATIVE COMPUTING FOUNDATION	CLOUD FOUNDRY
Automotive	AUTOMOTIVE GRADE LINUX	ELISA ENABLING LINUX IN SAFETY APPLICATIONS	
Blockchain	HYPERLEDGER		
Edge/IoT	LF EDGE	yocto PROJECT	Zephyr
Web	node JS	OpenJS Foundation	GraphQL ELECTRON
AI	LF AI	ONNX	HOROVOD
Film	ASWF ACADEMY SOFTWARE FOUNDATION	OpenColorIO	
CI/CD	CD.FOUNDATION	Jenkins	Spinnaker TEKTON
Energy	LF ENERGY		
Hardware	RISC-V	OpenPOWER	
Standards	CHAOSS OPENCHAIN	COMMUNITY DATA LICENSE AGREEMENT	JOINT DEVELOPMENT FOUNDATION
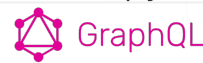
LF PUBLIC HEALTH

About Linux Foundation Public Health (LFPH)

› Founded in summer of 2020, LF Public Health's mission is to curate and support open source software to help public health authorities (PHAs) and healthcare delivery around the world.

› The initial focus of LFPH has been helping PHAs deploy an app implementing the Google Apple Exposure Notification (GAEN) system.

› We are moving into other areas of digital health that can take advantage of open source innovation, and collaboration with Open Source Program Offices (OSPOs) in health agencies.

  › WHO/UNDP/UNICEF

  › CMS, VA and other federal agencies

  › State HIEs and service providers

Building an ecosystem around open source projects

We specialize in helping projects put all the non-code pieces into place that make open source successful.

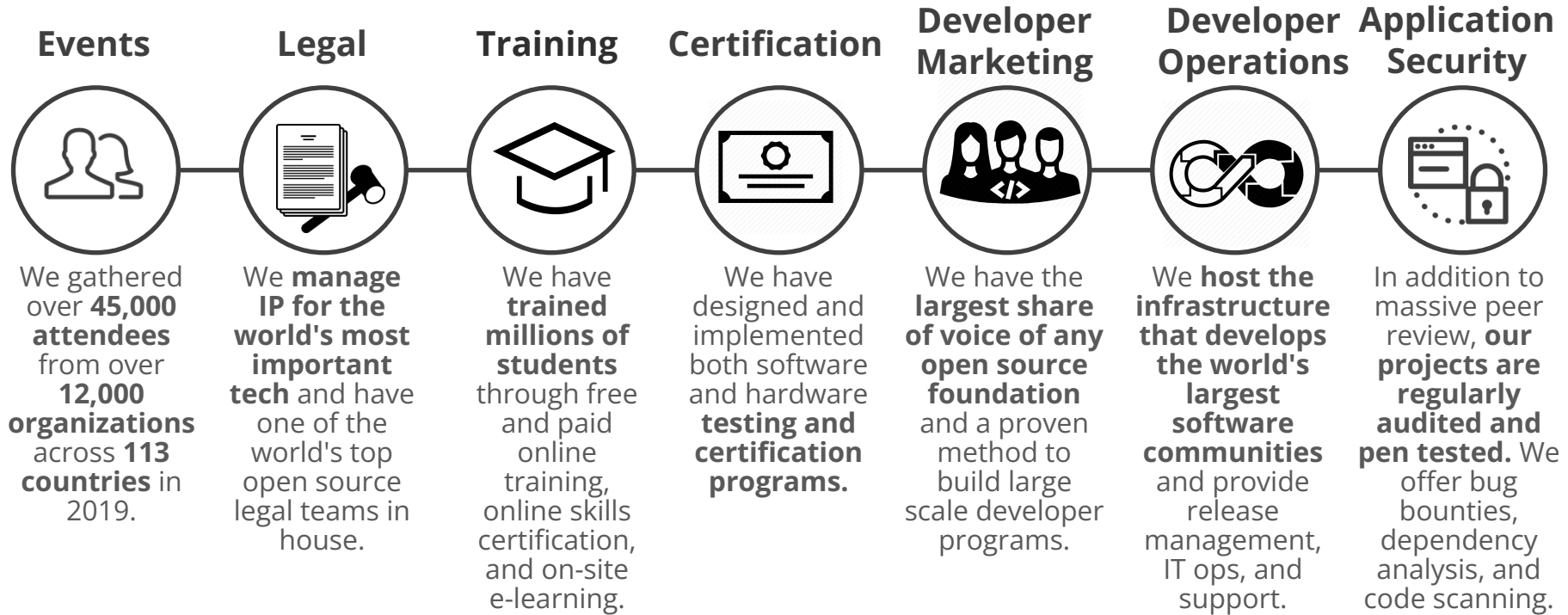|	
Governance and Membership	· Governance, Policies, etc. · Ongoing business development and membership recruitment · Membership management
Development Process	· Technical decision making · Project life cycle · Release processes
Infrastructure	· CI/CD infrastructure using open source best practices · Release engineering, DevOps · Security and reliability
Ecosystem Development	· Evangelism and marketing/outreach projects · Events bringing developers, users and solution providers together · Help train developers and administrators, establish professional cert. programs
IP Management	· Code provenance · Trademark management · IP Policy, license scanning, IP defense

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Building large, sustainable ecosystems requires collective resources

Events

We gathered over **45,000 attendees** from over **12,000 organizations** across **113 countries** in 2019.

Legal

We **manage IP for the world's most important tech** and have one of the world's top open source legal teams in house.

Training

We have **trained millions of students** through free and paid online training, online skills certification, and on-site e-learning.

Certification

We have designed and implemented both software and hardware **testing and certification programs.**

Developer Marketing

We have the **largest share of voice of any open source foundation** and a proven method to build large scale developer programs.

Developer Operations

We **host the infrastructure that develops the world's largest software communities** and provide release management, IT ops, and support.

Application Security

In addition to massive peer review, **our projects are regularly audited and pen tested.** We offer bug bounties, dependency analysis, and code scanning.

Our Members

Premier Members

General Members

Associate Members

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New Memberships

› Ad Hoc LLC
› University of Rochester Medical Center
› Michigan Health Information Network (MiHIN)
› UCDavis Health
› Ontario Brain Institute

"Affliates"

› Center for Medicare and Medicaid Services (CMS)
› World Health Organization (WHO) OSPO

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Gaining momentum with jurisdictions around the world

1,780
Members in our community
slack

23
US States and Territories

26+
Countries from around the world

Projects used in production (so far)

CARDEA
1 country

COVID GREEN
4 US States
6 countries

HERALD
2 countries

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Existing Cross Project Initiatives

› Hyperledger/TOIP/OWF
  › Healthcare credentials/wallet
    › Didymium Project
    › Ireland HSE
› LF AI & Data
  › Joint webinar on AI security in healthcare
› CNCF
  › Planned webinar with VA VISTA Cloud Project

› TODO Group
  › Joint webinar with WHO OSPO
  › Webinar with CMS Open Source Office
› OpenSSF
  › Medical Device SBOM/AI BOM
  › Promotion of OpenSSF tooling
› Open 3D
  › Digital Twins - Presentation at O3DCon

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