OPENCHAIN

Great Open Source Compliance For Everyone

THE LINUX FOUNDATION

Largest Shared Technology Investment

The Linux Foundation supports the creation of sustainable open source ecosystems by providing financial and intellectual resources, infrastructure, services, events, and training. Working together, The Linux Foundation and its projects form the most ambitious and successful investment in the creation of shared technology.

16B USD

Estimated development cost of the 100+ world's leading projects hosted at The Linux Foundation

25,000

Technologists attend our events annually, from more than 4,500 companies and 85 countries

1 Million

Open source professionals have enrolled in our free open source training courses

10 / 10

Largest cloud service providers are Linux Foundation project contributors and members

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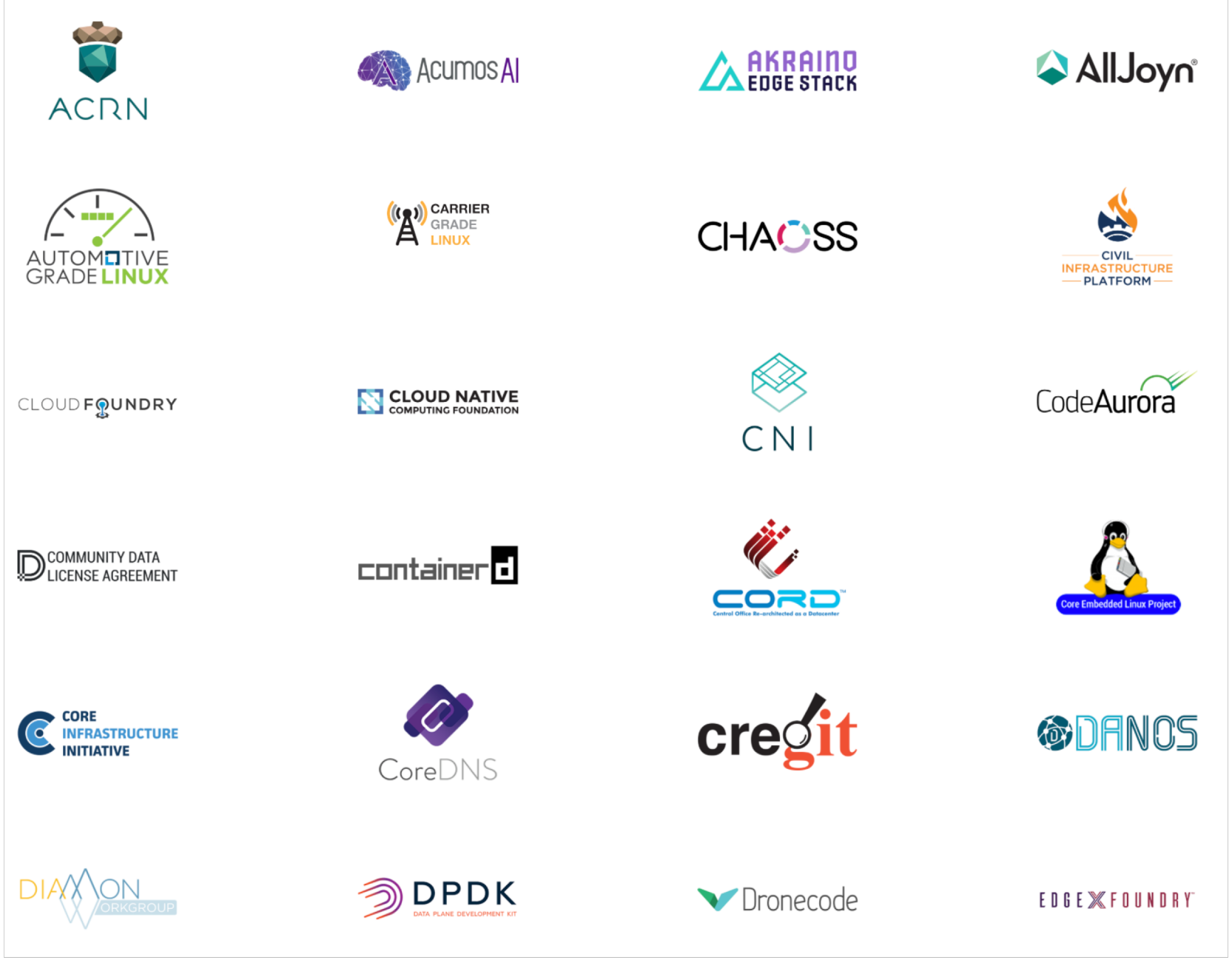
ACRN
Acumos AI
AKRAINO EDGE STACK
AllJoyn
AUTOMOTIVE GRADE LINUX
CARRIER GRADE LINUX
CHAOSS
CIVIL INFRASTRUCTURE PLATFORM
CLOUD FOUNDRY
CLOUD NATIVE COMPUTING FOUNDATION
CNI
CodeAurora
COMMUNITY DATA LICENSE AGREEMENT
containerd
CORD
Core Embedded Linux Project
CORE INFRASTRUCTURE INITIATIVE
CoreDNS
cregit
DANOS
DIAMON WORKGROUP
DPDK
DATA PLANE DEVELOPMENT KIT
Dronecode
EDGE X FOUNDRY

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envoy
.io
fluentd
fossology
FRR
GRPC
HELM
HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS
IOVISOR
PROJECT
IoTivity
JAEGER
JanusGraph
JS Foundation
kubernetes
Let's Encrypt
LFENERGY
FREE STANDARDS CERTIFIED
LSB
3.1
LinuxBoot
ltsi
NATS
node
JS
notary
OPEN ALLIANCE FOR CLOUD ADOPTION

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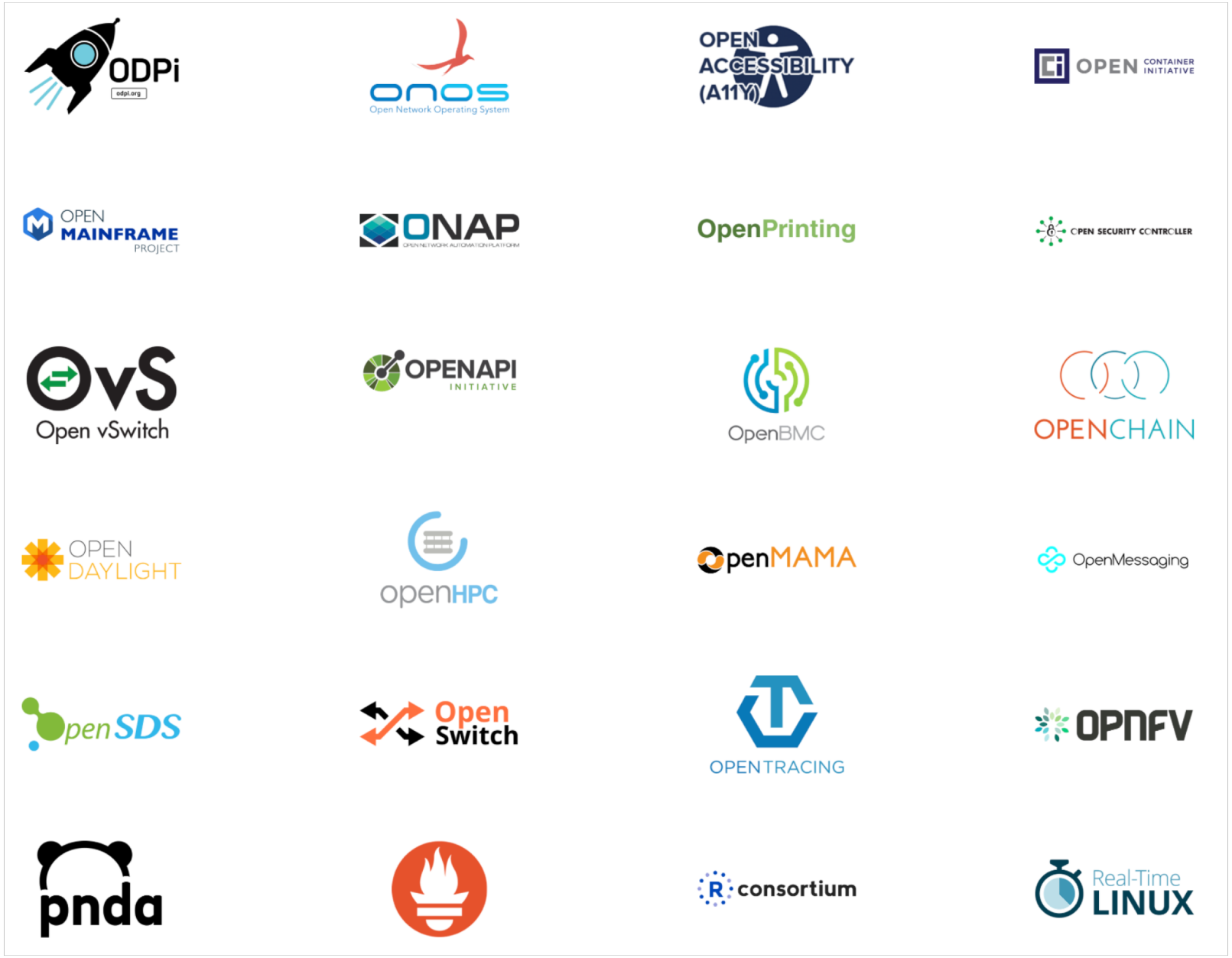
ODPi
odpi.org
ONOS
Open Network Operating System
OPEN ACCESSIBILITY (A11Y)
OPEN CONTAINER INITIATIVE
OPEN MAINFRAME PROJECT
ONAP
OpenPrinting
OPEN SECURITY CONTROLLER
OvS
Open vSwitch
OPENAPI INITIATIVE
OpenBMC
OPENCHAIN
OPEN DAYLIGHT
openHPC
OpenMAMA
OpenMessaging
OpenSDS
Open Switch
OPENTRACING
OPNFV
pnda
R consortium
Real-Time LINUX

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RethinkDB
rkt
SNAS.io
SPDX
SOUND OPEN FIRMWARE
TIZEN
TODO
TUF
tungstenfabric
Vitess
Xen Project
yocto PROJECT
Zephyr™

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Compliance – A gateway to access

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Let’s provide business context

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The internal company dialogue…

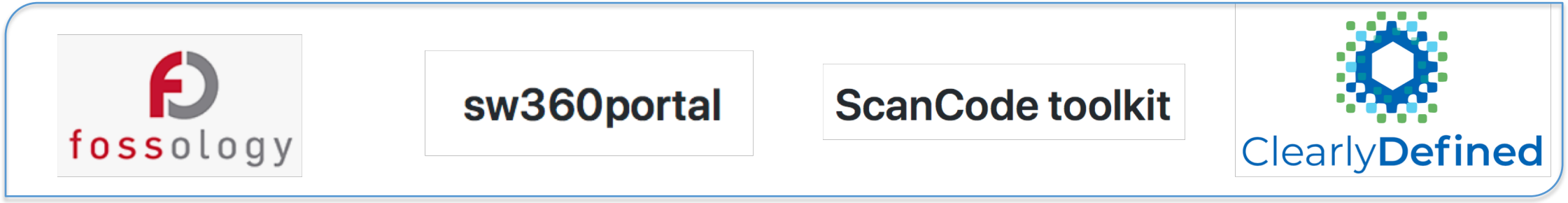
We use Open Source and get billions of dollars of code

This code was created by other people

How we respect their rights?

How do we meet our legal requirements?

Welcome To The Stack



Software Package Data Exchange® (SPDX®)

is an open standard for communicating software bill of material information (including components, licenses, copyrights, and security references).

https://www.spdx.org

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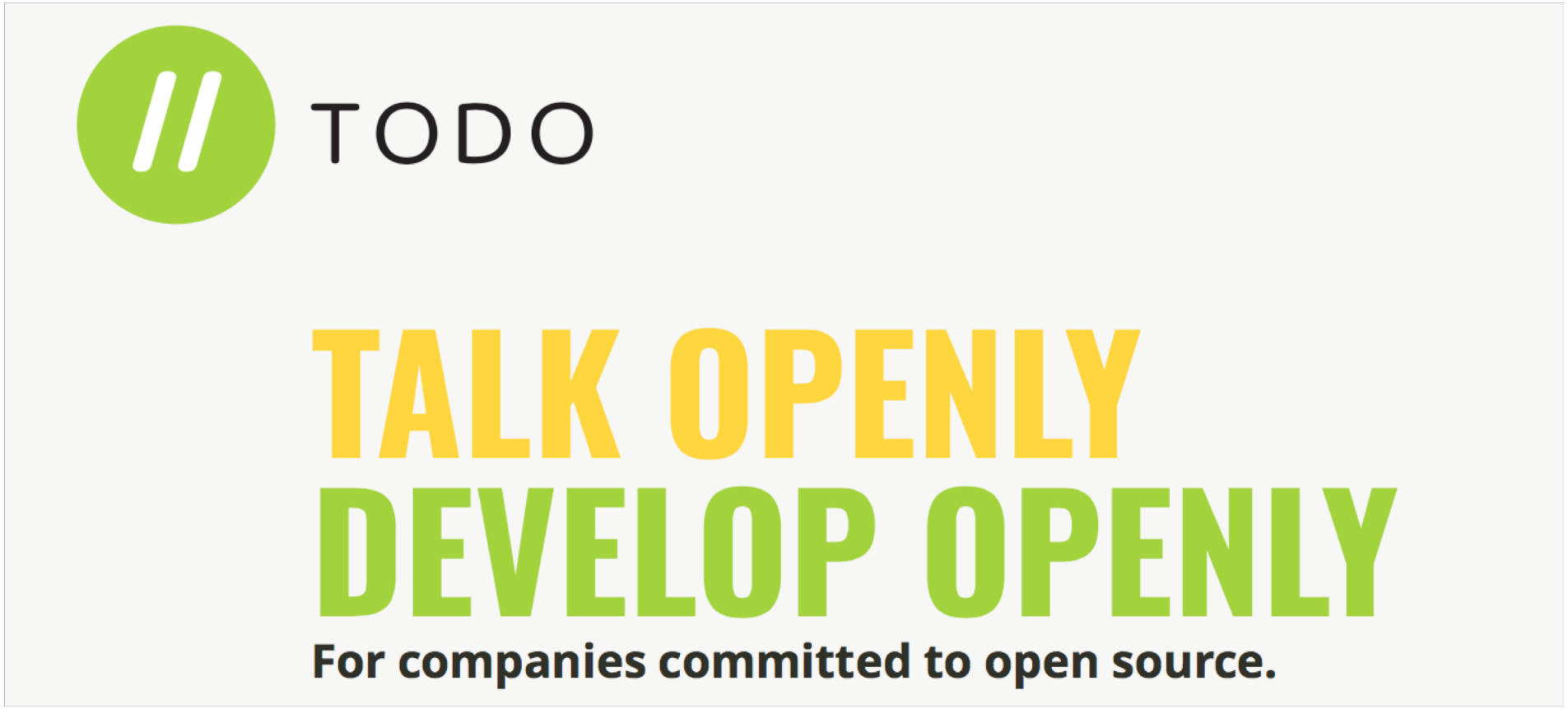

http://www.todogroup.org

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https://www.fossology.org

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https://clearlydefined.io

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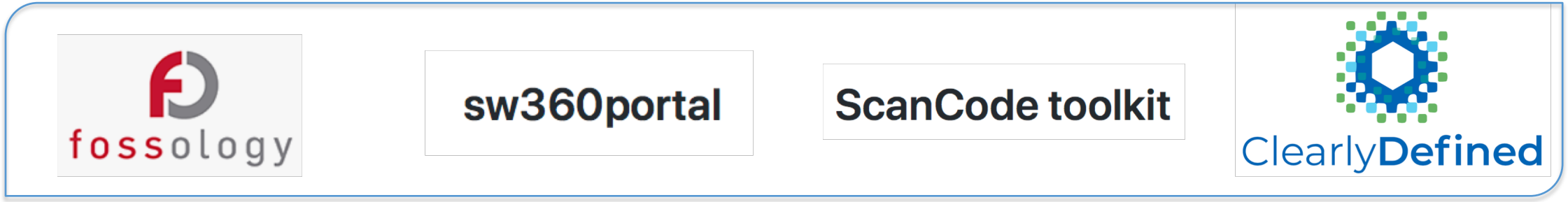
Back To The Stack



“How do I trust my open source supply chain?”

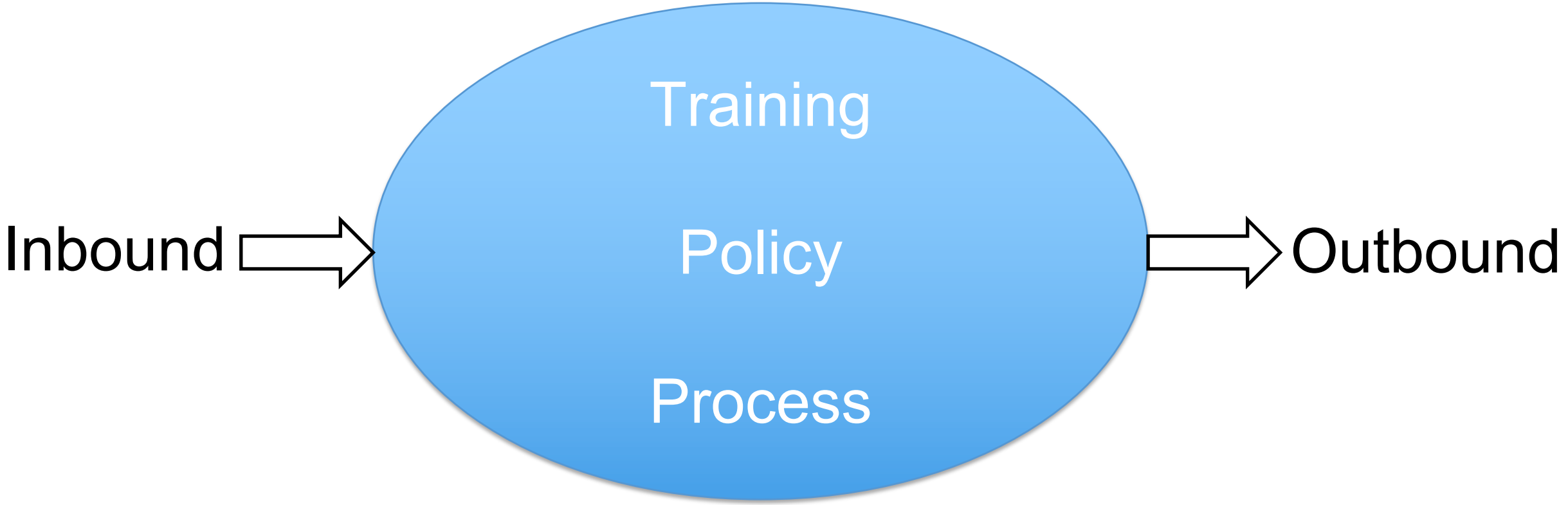
OpenChain Adoption – A Story of Levels

Level1 NOT understand Importance of OSS Compliance	Level2 NOT understand what to do	Level3 NOT understand how to do	Level4 Not Understand how to get certification
●Join events for Engineers/ Legal people/ IP people	●Workshop	●Consultation	●Self certification support
●PR: Traditional Media/ Tech Media/ SNS	●Reference Material (Wiki/ Handbook/ Academic paper)	●Training support	●Third-party certification

There are three parts to OpenChain Project:

1. Specification < Our Goal – Level 4!
1. Conformance < Also Our Goal – Level 4
1. Curriculum < Support For Level 1 - 3

The OpenChain Specification defines the requirements for a quality compliance program.



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The OpenChain Specification confirms a company has open source processes, policies and training.

Companies have the flexibility to decide each specific process, policies and training.

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Common requirements for suppliers and customers makes everything simpler.

Learn more here:
https://www.openchainproject.org/spec

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OpenChain Conformance allows organizations to show they meet these requirements.

▸ G1: Know Your FOSS Responsibilities — 0 answered out of 8

▸ G2: Assign Responsibility for Achieving Compliance — 0 answered out of 7

▾ G3: Review and Approve FOSS Content — 0 answered out of 3

#	Question	Answer	Spec Ref
3.a:	Do you have a documented procedure for identifying, tracking and archiving information about the collection of FOSS components from which a Supplied Software release is comprised?	Yes | No	3.1.1
3.b:	Do you have FOSS component records for each Supplied Software release which demonstrates the documented procedure was properly followed?	Yes | No	3.1.2
3.c:	Have you implemented a procedure that handles at least the following common FOSS license use cases for the FOSS components of each supplied Supplied Software release?		3.2.1

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If a company can answer Yes to each question they are OpenChain Conformant.

Learn more here:
https://www.openchainproject.org/conformance

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The OpenChain Curriculum provides reference open source processes and solutions.

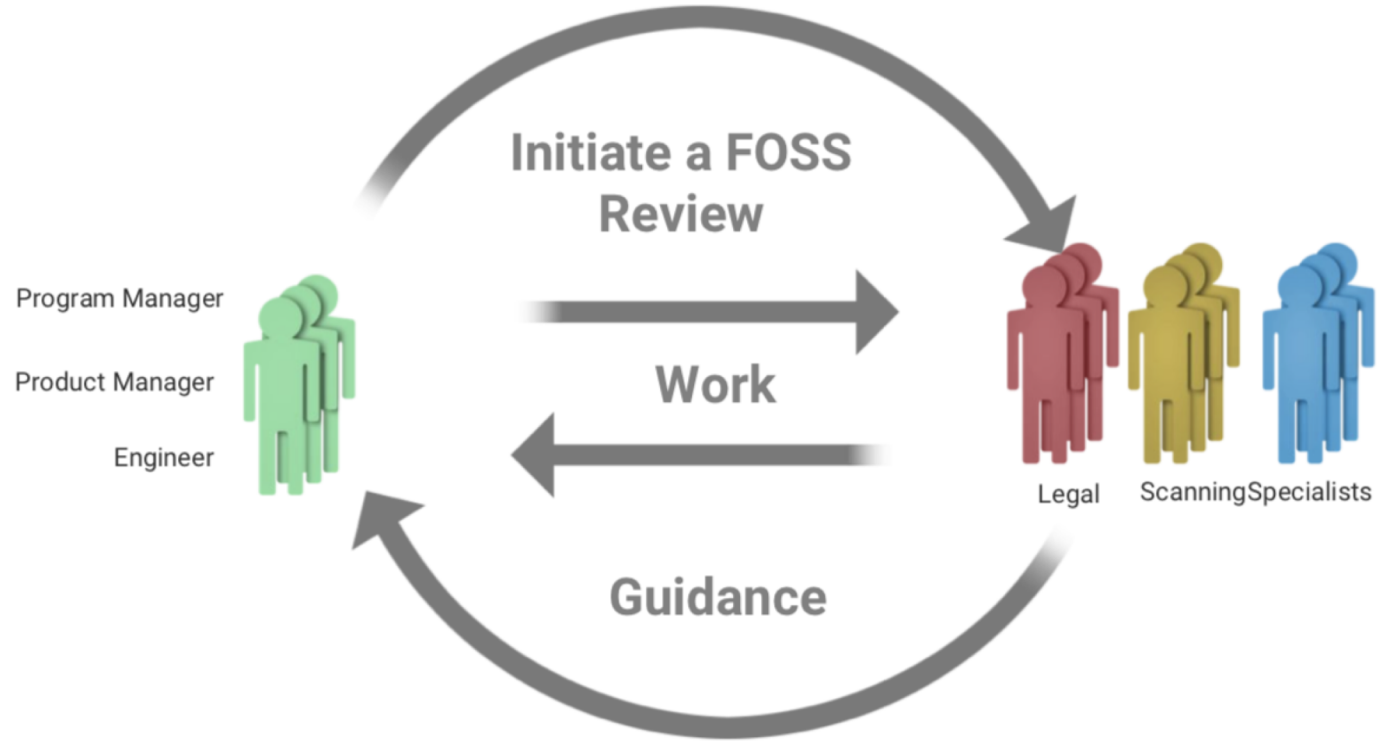
Learn more here:
https://www.openchainproject.org/curriculum

Contents

Check Your Understanding

- What type of material does copyright law protect?
- What copyright rights are most important for software?
- Can software be subject to a patent?
- What rights does a patent give to the patent owner?
- If you independently develop your own software, is it possible that you might need a copyright license from a third party for that software? A patent license?

Working through the FOSS Review



The FOSS Review process crosses disciplines, including engineering, business, and legal teams. It should be interactive to ensure all those groups correctly understand the issues and can create clear, shared guidance.

The OpenChain Curriculum can be used for any open source training program.

Learn more here:
https://www.openchainproject.org/curriculum

The goal is to build trust by having organizations conformant with the OpenChain Specification.

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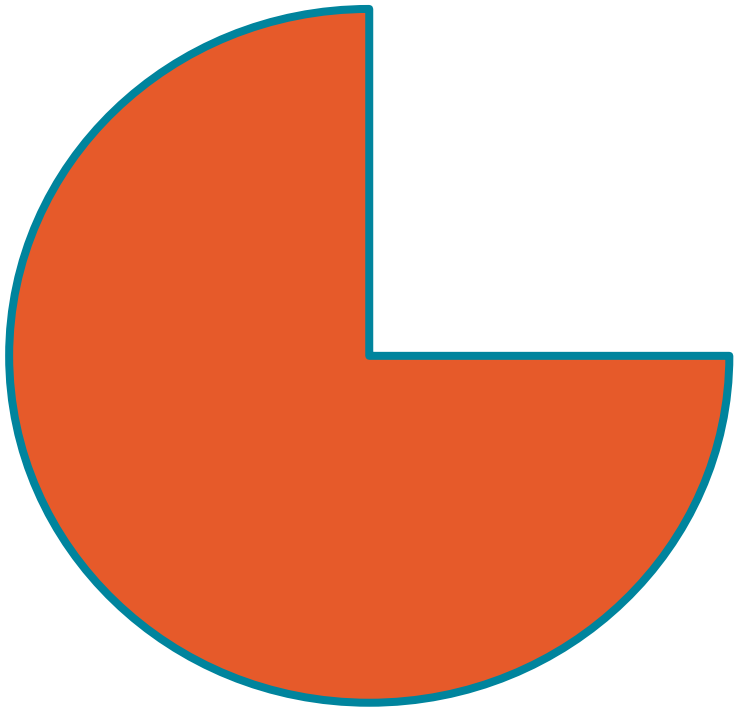
Platinum Members

Companies supporting OpenChain:



750 Billion USD of Revenue

Work Teams supporting OpenChain:

1. Specification - Chaired by Mark Gisi (Wind River)
1. Conformance - Chaired by Miriam Ballhausen (SCA)
1. Curriculum - Chaired by Alexios Zavros (Intel)
1. Onboarding - Chaired by Nathan Kumagai (Qualcomm)

Progress Since Last Year

1. International Partners - from law firms to certification authorities
   - Example: Moorcrofts - UK
   - Example: TÜV SÜD - Germany and Japan
2. Significant New Board Members
   - Example: Toshiba (more announcements shortly)
3. Significant New Community Members
   - Example: Microsoft
   - Example: Panasonic
4. A More towards formal standardization
   - Most likely PAS process for ISO - Launch ETA Q1 2020

Coming Soon

1. New Board Member Announcements
2. New Conformant Organization Announcements
3. New Partnership Announcements
4. Increasingly Powerful Positioning for Procurement
    - Standardization
    - Deployment by board members
    - Deployment by community members

Be part of this

Join the community:
https://www.openchainproject.org/community

Self-certify your organization:
https://certification.openchainproject.org

Questions?