



# Open Source Governance & Innersource

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Before we start

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# I Am Not A Lawyer

# \$whoami

- > Eclipse Foundation (since 2022)
  - Open Source Services Team Lead
  - Previously Program Manager
- > Henix (2002 - 2022)
  - Open Source / Innersource consultant
  - Software Quality consultant
- > Systematic (since 2014)
  - Hub Open Source Steering member
  - OSS R&D projects evaluation
  - POSS Steering Member
  - OWF 14 President
- > LinuxFr.org (since 2001)
  - Top contributor
  - Board member





# Agenda

- A (short) introduction to OSS
- OSPO and Governance
- Open Source Foundations
- Innersource

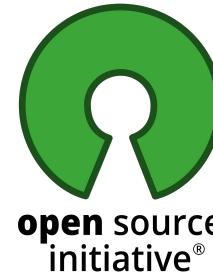
# Open Source

## A short ~~introduction~~ reminder



# Open Source Software

Software made available under a license meeting 10 specific criteria defined by the Open Source Initiative.



anyone can review, change, use, and distribute the publicly available source code

# Open Source Definition

▶ <https://opensource.org/osd>

Open source licenses are licenses that comply with the Open Source Definition:

1. **Free Redistribution:** No Fees or Royalties
2. **Source Code:** Included and Redistributable
3. **Derived Works:** Allowed and redistributable under same terms or “better”
4. **Integrity of Authors Source Code:** May require derived works to carry different name or version
5. **No discrimination against person or group of persons:** Can warn of legal constraints such as trade embargos, but not explicitly forbid
6. **No discrimination against fields of endeavor:** Closes loophole that might restrict commercial use
7. **Distribution of license:** Must be self standing and not require a non-disclosure or other agreement
8. **License Must be Not Specific to a Product:** “Distribution” may be better word – must allow selective use of functionality
9. **Must not restrict other software:** In the distribution, so GPL is OK
10. **Technology Neutral:** Cannot restrict use to certain platforms (Windows™ for example)

# Open Source is more than software

- > Cultural shift / Way of making and distributing software
  - Transparency
  - Openness
  - Meritocracy
- > Based on strong legal grounds with dedicated and globally recognized licenses
  - Plethora of licenses
  - Attempts at rationalization
- > Uses specific to Open Source
  - Copyleft
  - Publication
  - Contribution
- > Open source is eating the world
  - “Every industrial company will become a software company” (Jeff Immelt, GE CEO)
  - But at the end, “every software company is an Open Source company” (Mike Milinkovich, Eclipse Foundation)

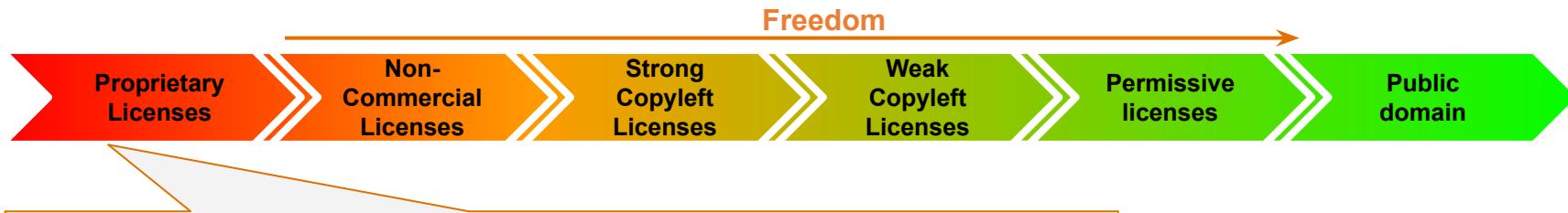
# The License Spectrum



A **software license** is a legal instrument governing the use or redistribution of software.

A typical software license grants the licensee, typically an end-user, permission to use one or more copies of software in ways where such a use would otherwise potentially constitute copyright infringement of the software owner's exclusive rights under copyright.

# The License Spectrum: Commercial Software



**Commercial Software** often imposes **extra restrictions** on users that are not covered by Intellectual Property law

- > Agreement **not to disassemble or reverse engineer**
- > Agreement to **use on only** one computer
- > Agreement **not to transfer or resell** your license to another entity
- > Agreement **not to rent or lease the computer** with the software
- > ...

# The License Spectrum: Non-Commercial Software



A **non-commercial license** is a license that does not provide for a commercial activity: an activity that does not have a commercial purpose.



- AFPL - Aladdin Free Public License
- JRL - Java Research License

# The License Spectrum: Strong Copyleft Licenses



## Strong Copyleft Licenses

- “Copyleft is the practice of granting the right to freely distribute and modify intellectual property with the requirement that the **same rights be preserved in derivative works** created from that property.”<sup>1</sup>
- E.g.: Under the GPL 2.1, merely **“linking” GPL code** with other code may require that the other code (and the combination) be **licensed under the GPL**.



# The License Spectrum: Weak Copyleft Licenses



## Weak Copyleft Licenses

- “This allows other software to link to the library and be redistributed without the requirement for the linking software to also be copyleft-licensed. Only changes to the weak-copyleft-licensed software itself become subject to copyleft provisions of such a license.”
- Allows for commercial re-licensing
- Ensures that improvements to the original code stays under the same license



# The License Spectrum: Permissive licenses



## Permissive licenses

- “Permissive” or “Non-Copyleft” Free software comes from the author with permission to **redistribute** and **modify**, and **add additional restrictions** to the license terms.
- A subsequent party can **modify** the non-copyleft free program and **distribute** the modified program **as a proprietary software product, without** making the source code available to others on **the same terms**.
- Do whatever you want with the code
- Acknowledge the author/contributor



BSD



# The License Spectrum: Public Domain

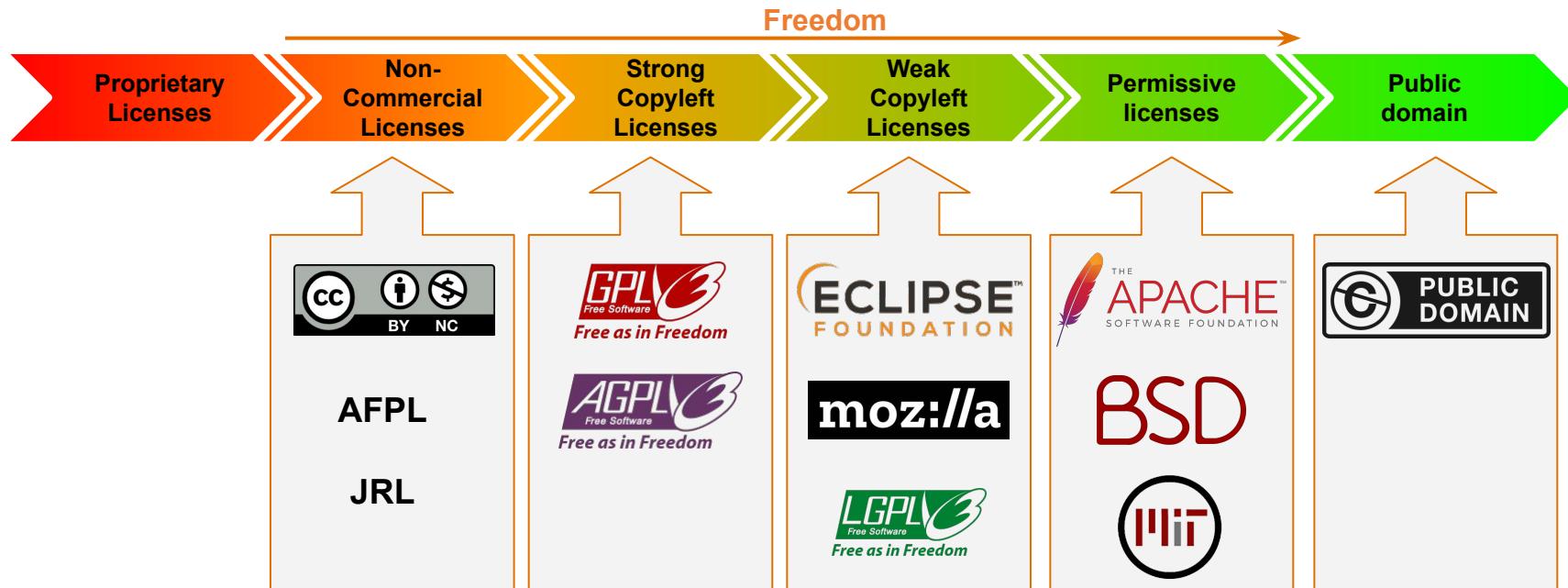


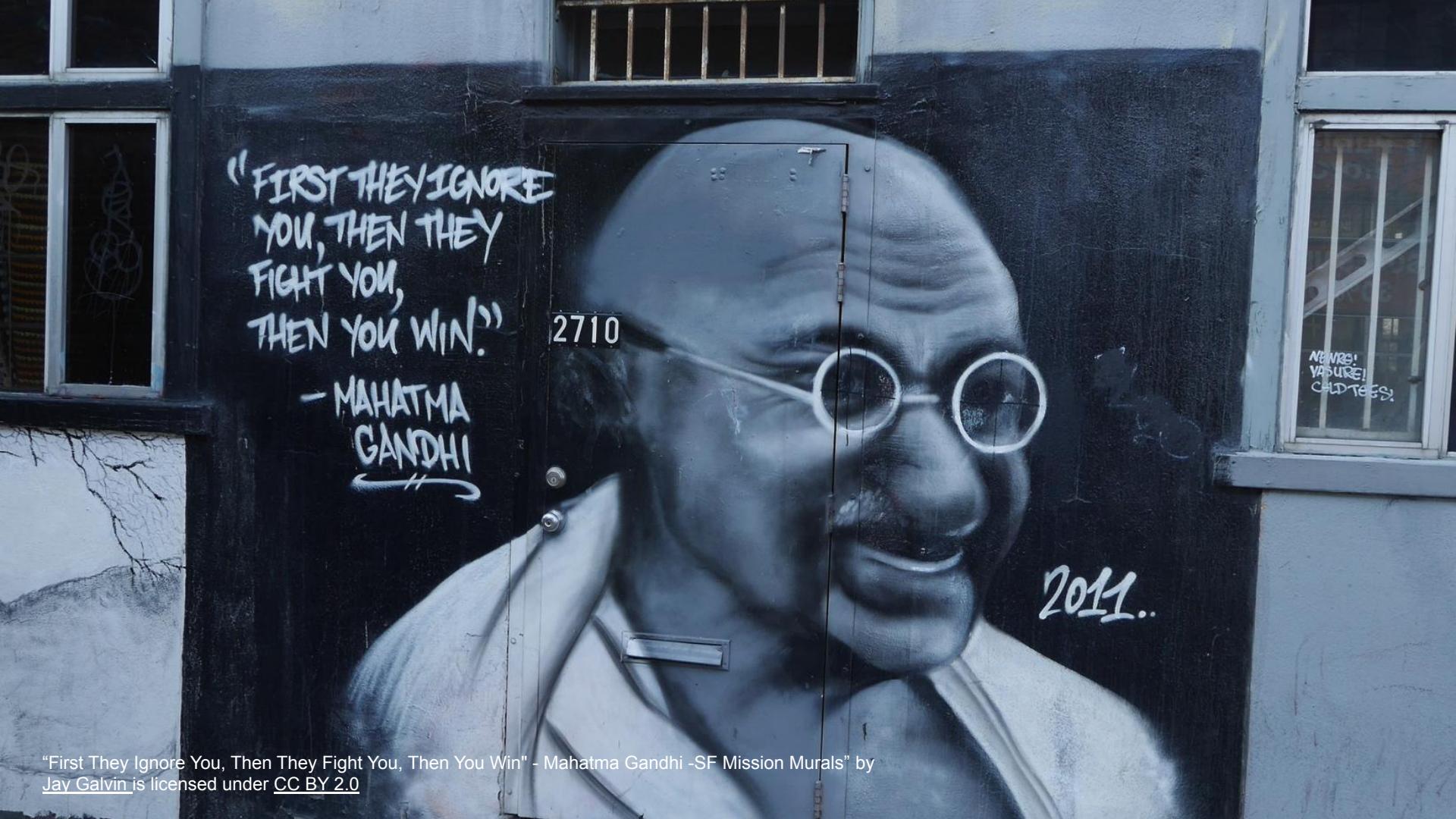
The **public domain** consists of all the creative work to which no exclusive intellectual property rights apply.

Those rights may have expired, been forfeited, expressly waived, or may be inapplicable.



# The License Spectrum





"FIRST THEY IGNORE  
YOU, THEN THEY  
FIGHT YOU,  
THEN YOU WIN!"

- MAHATMA  
GANDHI

2710

2011..

"First They Ignore You, Then They Fight You, Then You Win" - Mahatma Gandhi -SF Mission Murals" by [Jay Galvin](#) is licensed under [CC BY 2.0](#)

# Open Source Is Everywhere

**81%**

Companies consuming  
Open Source Softwares  
in their products

**80-90%**

% of Open Source in  
applications

**44%**

Companies contributing  
to upstream Open Source  
Projects

According to TODO Group & Forrester



# Open Source is successful and unavoidable

## Open Source is **in everyday life**

- > Smartphone (Android & iPhone)
- > Internet (web, emails, ...)
- > Healthcare (Tous Anti Covid, CovidTracker, ...)



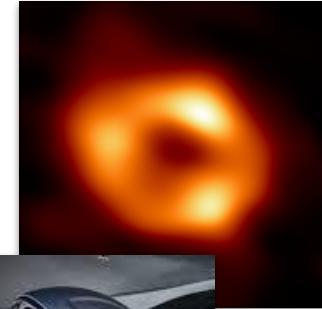
## Open Source is **a necessity** when it comes to

- > **AI** (Tensorflow, Pytorch, Scikit-learn, ...)
- > **Cloud & Infrastructure** (Docker, Kubernetes, Terraform, ...)
- > **Network** (Apache, nginx, IPtable, bind, ...)
- > **Big Data** (Hadoop, Spark, Cassandra, ...)
- > **Software development** (Git, IDE, Java, Python, QA tools, ...)

# Open Source is mainstream in Industry and Science

## Black Hole Image

- > Numpy, SciPy, pandas, Astropy, Jupyter, and Matplotlib were used to sort out data
- > Two out of three image processing algorithms used are fully open source python libraries (Sparselab and ehtim)
- > Open Source cloud computing tools (<https://github.com/eventhorizontelescope>)



## SpaceX

- > User interface in AngularJS
- > Dragon ISS Docking Autopilot in Go and WebAssembly
- > Falcon 9 powered by Linux



## Tesla

- > Autopilot Buildroot & Infotainment systems are Open Source (<https://github.com/teslamotors>)

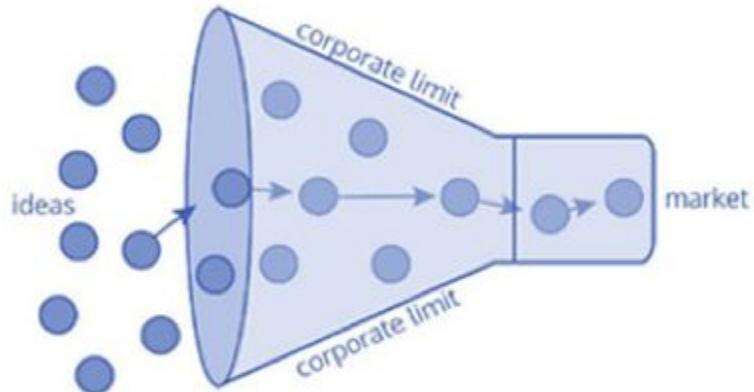


## Supercomputers

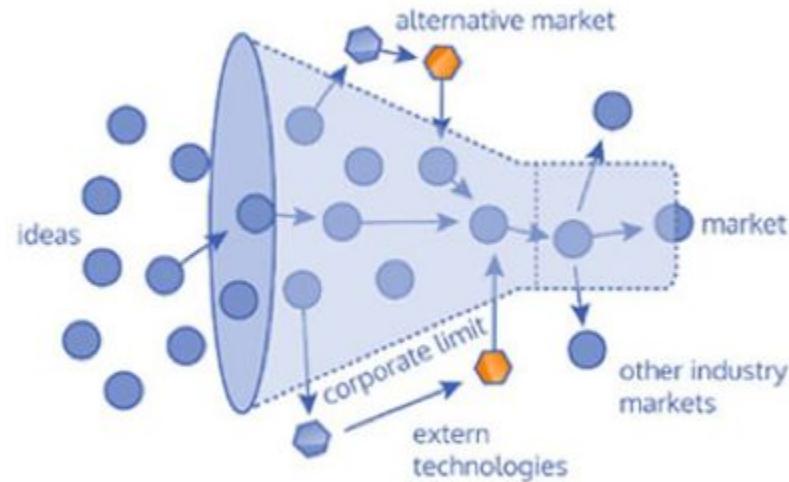
- > 100% of Top500 Supercomputers are running under Linux
- > <https://www.top500.org/statistics/list/>

# Innovation: Close vs Open

Closed Innovation Model

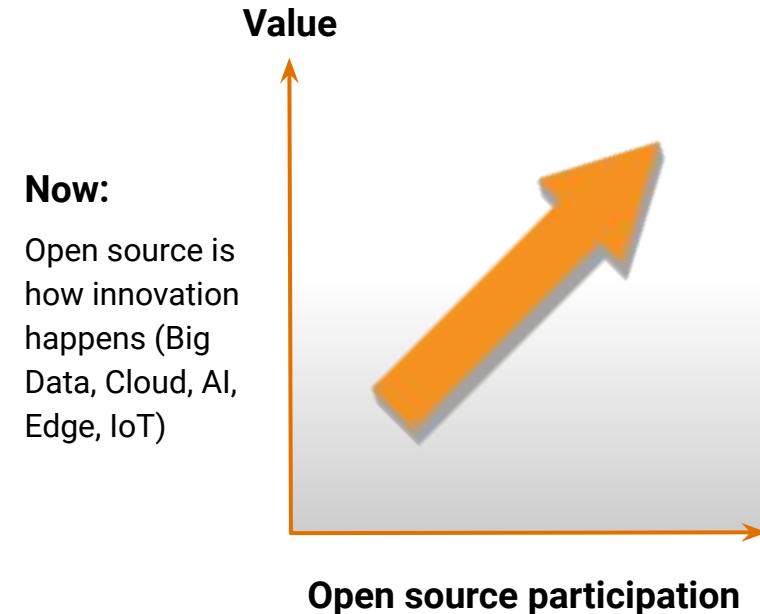
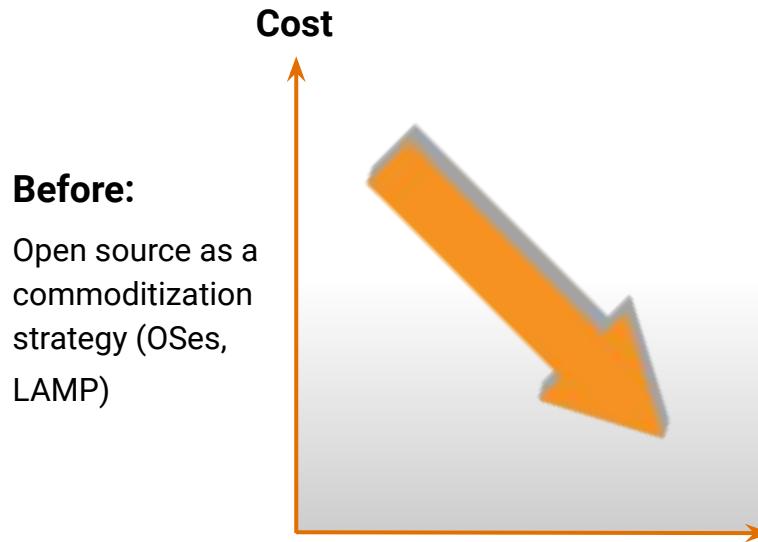


Open Innovation Model



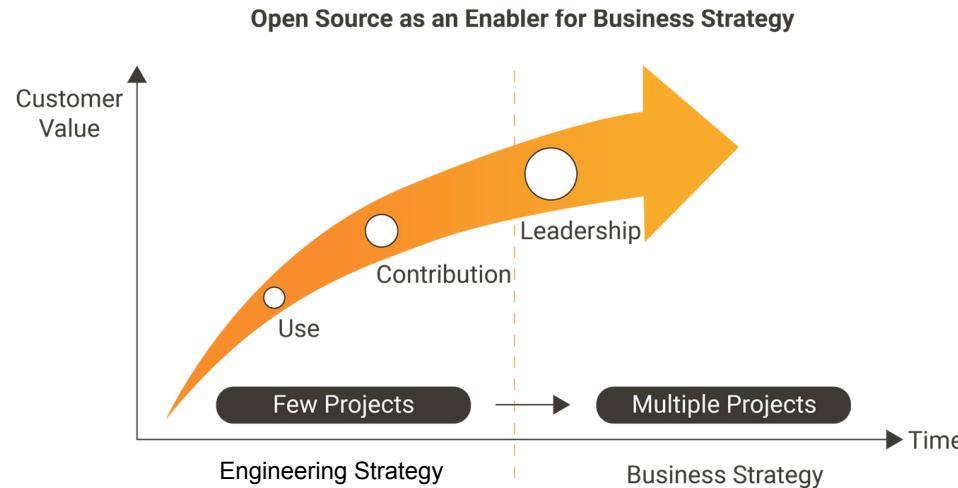
<http://bock-pm.com/service/open-innovation/>

# The shifting impact of open source





# Open source is a **strategic enabler**



Participation in open source has emerged as a potent force for competitive advantage



# Concretely, why Open Source in companies?

## Inbound Open Source

- > Cost savings
- > Productivity / faster time to market
- > Ease of acquisition
- > Independance
- > State of the art
- > Standards
- > ...

## Outbound Open Source

- > Cost sharing
- > Protect the company regarding software supply chain (IP and security)
- > Influence key software they rely on
- > Attractivity: market the company brand in the tech world (attractivity)
- > Sustainability
- > ...

# Henix's Example



- > Historically, a pure Software Consultancy company specialized in Software Quality
  - Hard to differentiate yourself
  - No dedicated sales or marketing force
- > + Open Source Software Publisher with Squale then SquashTest
  - From 3 to 35 people
  - “Self marketing” & brand recognition
  - Easier communication
  - Commercial
    - Inbound calls
    - Explicit mention of Squash in RFP
- > + Training School on software quality
  - Open Source material
  - Market shaping
  - Securing recruitment





# An OSPO to rule them all



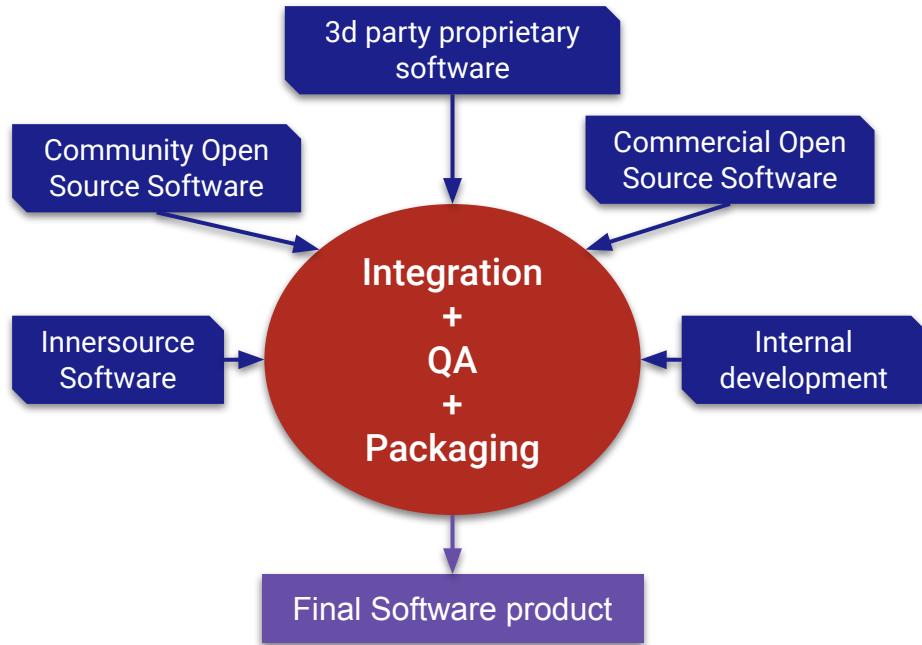
# Free & Open Source Software (aka FOSS)

- > A World of Freedom and Opportunities
  - Everywhere, unavoidable, fuels innovation : FOSS is the bedrock of all modern and successful initiatives.
  - The freedom to use, modify, execute and share software brings tremendous opportunities
- > With some obligations
  - FOSS also comes with legal obligations, IP restrictions.
  - Making the most out of FOSS requires deep knowledge of the ecosystems and a clear strategy.

# Companies internal dev be like

## Multiple origins of code & binaries

- > Proprietary / closed-source
  - 3rd parties
  - Internal
- > Innersource
- > Internal dev
- > Open Source
  - Commercial
  - Community



## Multiples contributors

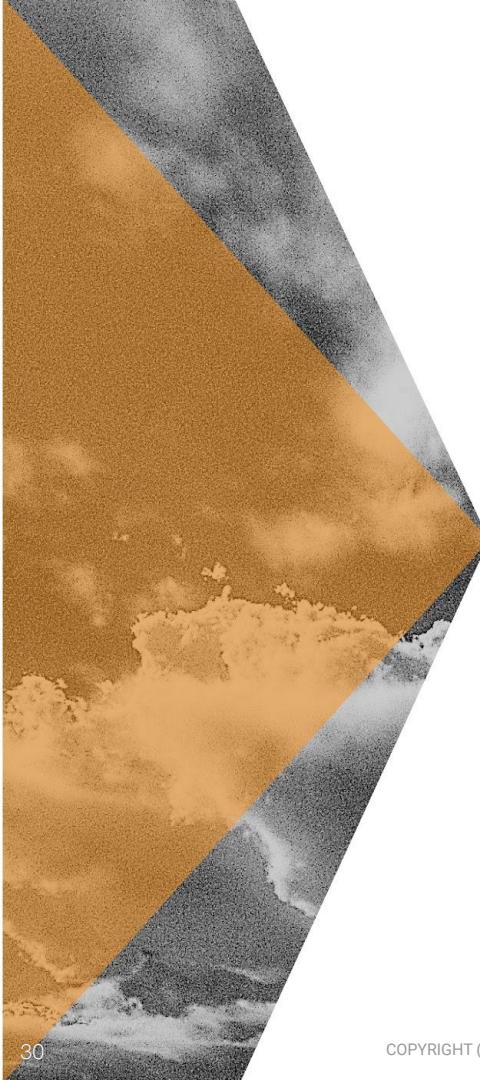
- > Employees
- > Contractors
- > Providers



## OSPO : Open Source Program Office, an epitome of the Open Source Governance

Internal Open Source Center of Competency, aka

- Open Source Steering Committee
- Community Development team
- Open Source Software Operations
- Open Source Board
- Open Source Office

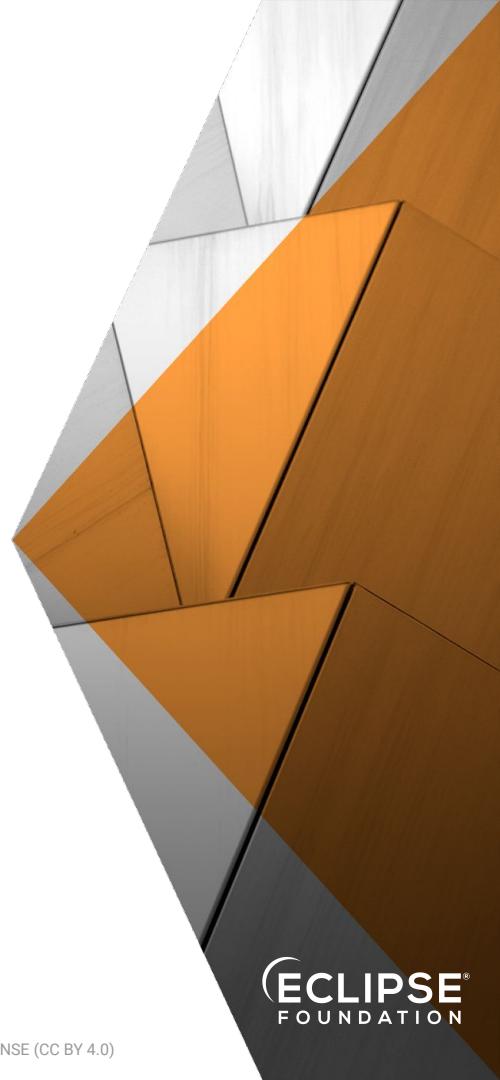


# Among the OSPO missions

- > Manage relationship with the open source ecosystems
- > Improve Engineers' Practices
  - Training
  - Using Open Source Software Properly
- > Mitigate Legal Risk
  - Compliance
  - Liability
  - Publication
- > Define, implement a corporate strategy
- > ... and enforce it!

# OSPO members (wishlist...)

- > (Hopefully dedicated) Open Source SME(s)
- > Top Management representative
- > Software Architects / Tech Leads / DevRel
- > DevSecOps
- > Legal
- > HR
- > Marketing / Communications
- > Financial
- > (sales?)





# Real life example of an OSPO implementation

Following slides ...

- by Lucian Balea, Architect at RTE and Open Source Program Director
- for a talk given at an OnRamp meeting of the OSPO Alliance on June 17th, 2022
- available at [https://ospo.zone/resources/onramp\\_20220617/220617\\_OSPO\\_OnRamp\\_Building\\_an\\_OSPO\\_at\\_RTE.pdf](https://ospo.zone/resources/onramp_20220617/220617_OSPO_OnRamp_Building_an_OSPO_at_RTE.pdf)
- Under a CC-BY-ND 4.0 license

Video for the interested ones ...

- Conference replay available on XWiki's Peertube  
<https://peertube.xwiki.com/w/bDWqEvU5twosD2J1jpYj3f?start=25m40s>



# Implementing an OSPO

- > Most companies are only starting to realise they need an OSPO...
  - do not know where to start,
  - where to go
  - or get lost along the way!
- > Most of the time it starts with an OSPO that is
  - shadow
  - virtual
  - (multiple) local
- > Many structured resources exists nowadays
  - TODO Group
  - TODO++
  - OSPO Alliance

# Focus



## > The GGI Handbook

- A Framework to create a full blown OSPO

## > The Resource Center

- Collect existing relevant material to address all open source challenges

## > OnRamp Meetings

- A space to share and promote OSPOs, implementations and good practices

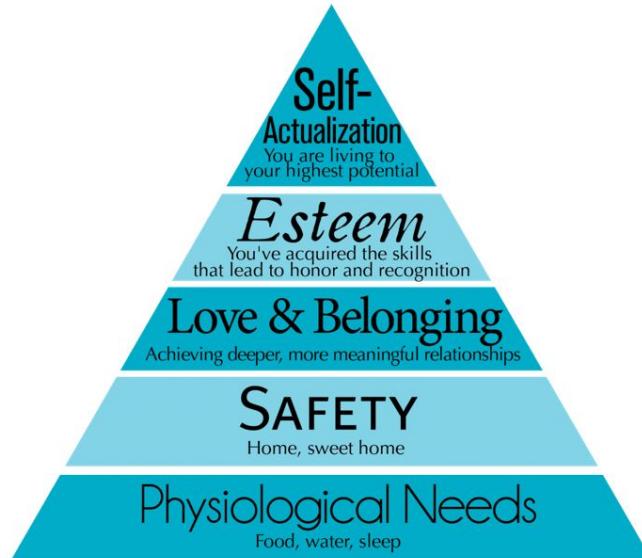
# GGI Goals and Activities

Proposes a path to a successful OSPO, with a proven method and practical guidance:

- Lists 25 **Activities**, from Software Composition Analysis and development best practices, to training, HR and executives' education.
- Activities are organized into **Goals**, from discovery to engagement and strategy.



# GGI Five Goals against



Abraham Maslow's Hierarchy of Behavioral Motivation

<b>Strategy</b>	Embracing the full potential of OSS. Proactively using OSS for innovation and competitiveness.
<b>Engagement</b>	Engaging with the OSS ecosystem. Contributing back. Developing visibility, event participation.
<b>Culture</b>	Implementing best practices. Developing OSS culture. Sharing experience.
<b>Trust</b>	Securely and responsibly using OSS. Compliance and dependency management policies.
<b>Usage</b>	Technically using OSS. Technical ability and experience with OSS. Some OSS awareness.

OW2 Goals to OSS Good Governance

# The Five Goals

The Good Governance Initiative body of knowledge is structured around 5 Goals:

- > **Usage Goal:** Technical Skills in Using Open Source Software.
- > **Trust Goal:** Secure and Appropriate Usage of Open Source Software.
- > **Culture Goal:** Belonging to the Open Source Community at Large.
- > **Engagement Goal:** Engaging with the OSS ecosystem.
- > **Strategy Goal:** Proactively using OSS for innovation and competitiveness.

# Activities

- > Usage goal
  - Inventory of open source skills and resources
  - Open source competency growth
  - Manage open source software development skills and resources
  - Open source supervision
  - Open source enterprise software
- > Trust goal
  - Manage legal compliance
  - Manage software vulnerabilities
  - Manage software dependencies
  - Manage key indicators
  - Run code reviews
- > Culture goal
  - Promote open source development best practices
  - Contribute to open source projects
  - Belong to the open source community
  - HR perspective
  - Upstream first
- > Engagement goal
  - Engage with open source projects
  - Support open source communities
  - Engage with open source vendors
  - Publicly assert use of open source
  - Open source procurement policy
- > Strategy goal
  - Setup a strategy for corporate open source governance
  - C-Level awareness
  - Open source and digital sovereignty
  - Open source enabling innovation
  - Open source enabling digital transformation

# Insider hints

- > Identify key stakeholders
  - Make them agree on a set of primary objectives.
  - Engage them in the success of the initiative as a part of their own agenda.
- > Get initial buy-in, agree on the steps and pace, and set up regular checks to inform them of progress.
- > Make sure stakeholders understand the benefits of what can be achieved and what it involves:
  - Expected improvement should be clear and outcome visible.
- > Establish a first diagnostic or state of the art of OSS in the organisation.
  - Outcome: a document describing what this program will achieve, where the organisation stands and where it aims to go.

# When Large Entities Suffer Similar Challenges...

... They work together, even competitors!



- > Meet and discuss about OSS
- > Share feedback and good practices
- > Collect & identify members needs around OSS
- > Strategic and technological studies & intelligence
- > Promote Open Source solutions
- > Communicate about OSS success

Some commons or reused projects



#OSSbyMAIF

Designing and building commons since 1934

Membres fondateurs :



Membres associés :



GROUPE BPCE





**Let's have a break!**



# Open Source Foundations

Photo by [paul rossi](#) on [Unsplash](#)

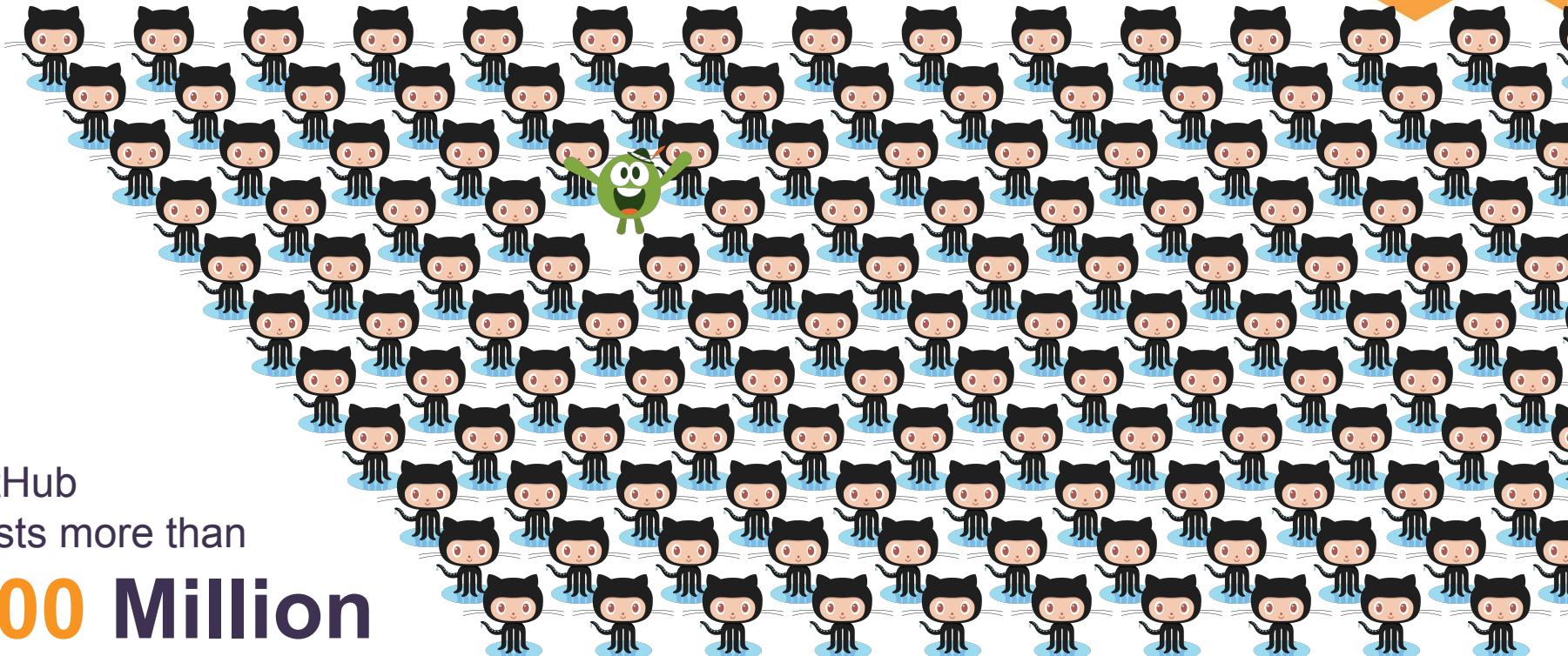


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# Open Collaboration through Open Source on my own

	GitHub
Thriving developer community	✓
High quality code that solves complex problems	✓

# GitHub is not a silver bullet



GitHub  
hosts more than  
**200 Million**  
of repositories

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# Open Collaboration through Open Source with a single-vendor

	GitHub	Single-Vendor Open Source
Thriving developer community	✓	✓
High quality code that solves complex problems	✓	✓
Ecosystem development and marketing services to drive adoption and monetization		✓

# A company can pivot!

Control by a single company

Need for a trusted third party



# Open Collaboration Through Open Source

	GitHub	Single-Vendor Open Source	Open Source Foundation
<b>Thriving developer community</b>	✓	✓	✓
<b>High quality code that solves complex problems</b>	✓	✓	✓
<b>Ecosystem development and marketing services</b> to drive adoption and monetization		✓	✓
<b>Predictable processes and guidance</b> to deliver large-scale innovation on a regular cadence			✓
<b>Vendor-neutral governance</b> model to support industry-wide collaboration			✓
<b>Business-friendly IP and licensing</b> services to enable commercialization			✓

# Open Collaboration: a business-friendly ecosystem

Product  
Service

Product  
Service

Product  
Service

Compete on  
products &  
services

## Open Source Software Common Platform



Working  
with your  
competitors

Open,  
Vendor-neutral,  
Collaboration  
platform

# Open Source Foundations enable sustainable, vendor-neutral, open collaboration



And more: <https://opensource.com/resources/organizations>

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# Governance

Ostrom identified **8 "design principles"** of stable local **Common Pool Resource** management:

1. Clearly defined **boundaries**;
2. **Rules** adapted to local conditions;
3. **Open** decision-making **process**;
4. Effective **monitoring**;
5. A scale of graduated sanctions;
6. Cheap and **easy conflict** resolution;
7. **Self-determination** of the community;
8. Multiple nested layers for scalability.

**Elinor Ostrom**

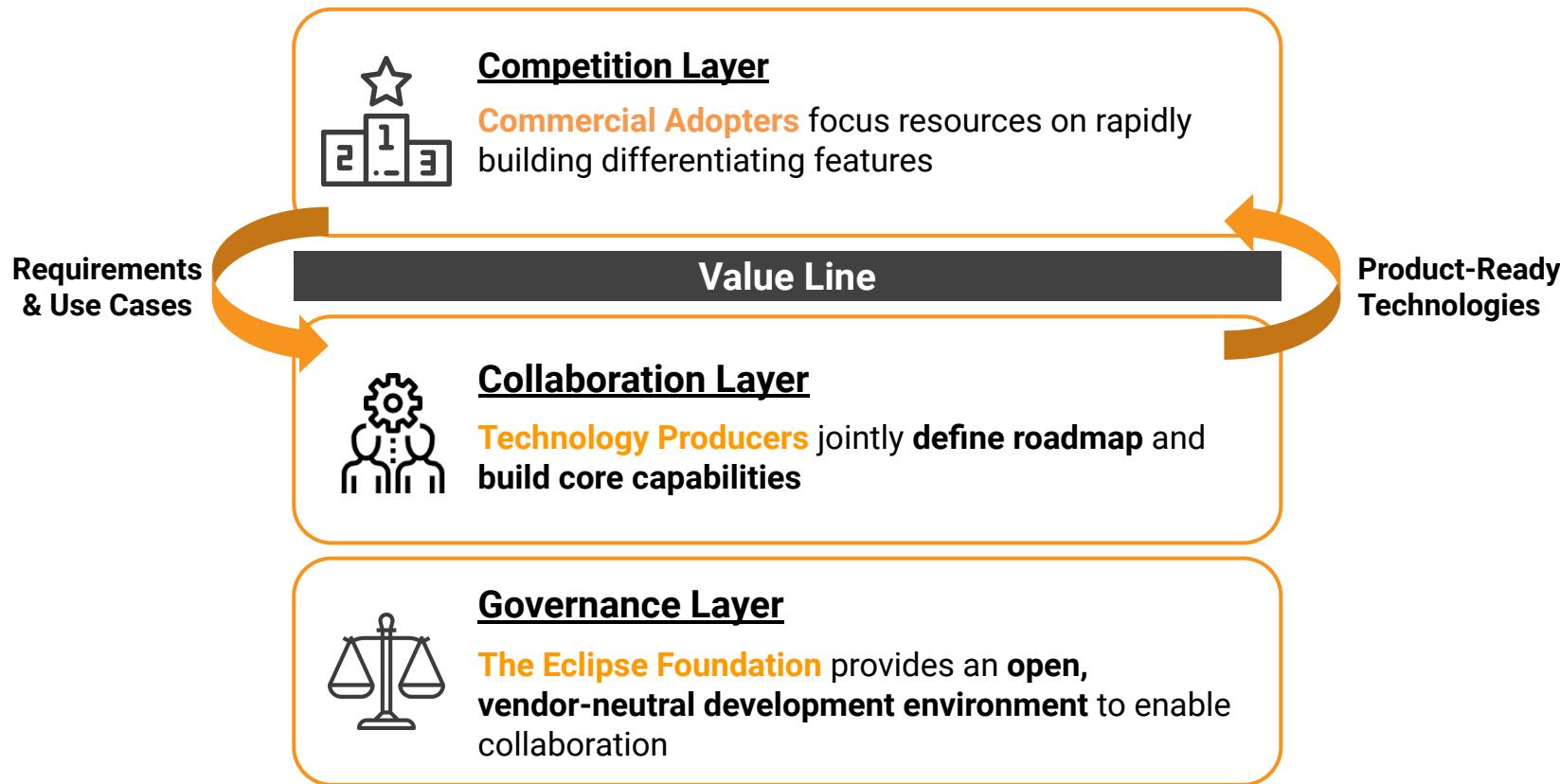
(Aug. 7, 1933 – Jun. 12, 2012)



**Nobel Prize in 2009 on**  
**"Economic governance of commons"**

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# Open Innovation at Industrial Scale



# Governance principles



Transparency



Openness

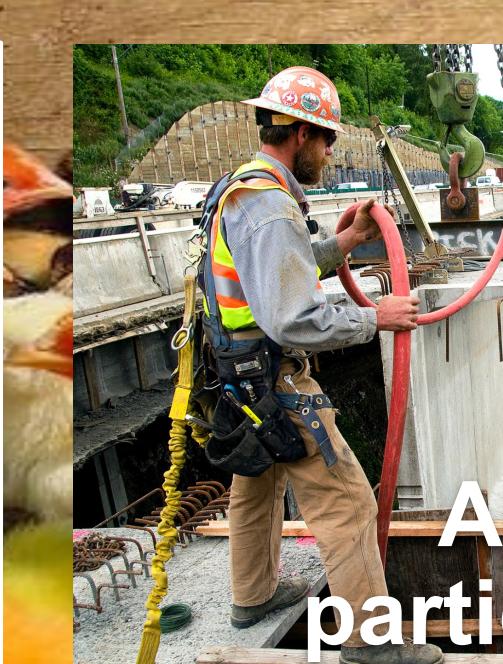


Vendor  
Neutrality

# Governance principles



Code first



Active participation

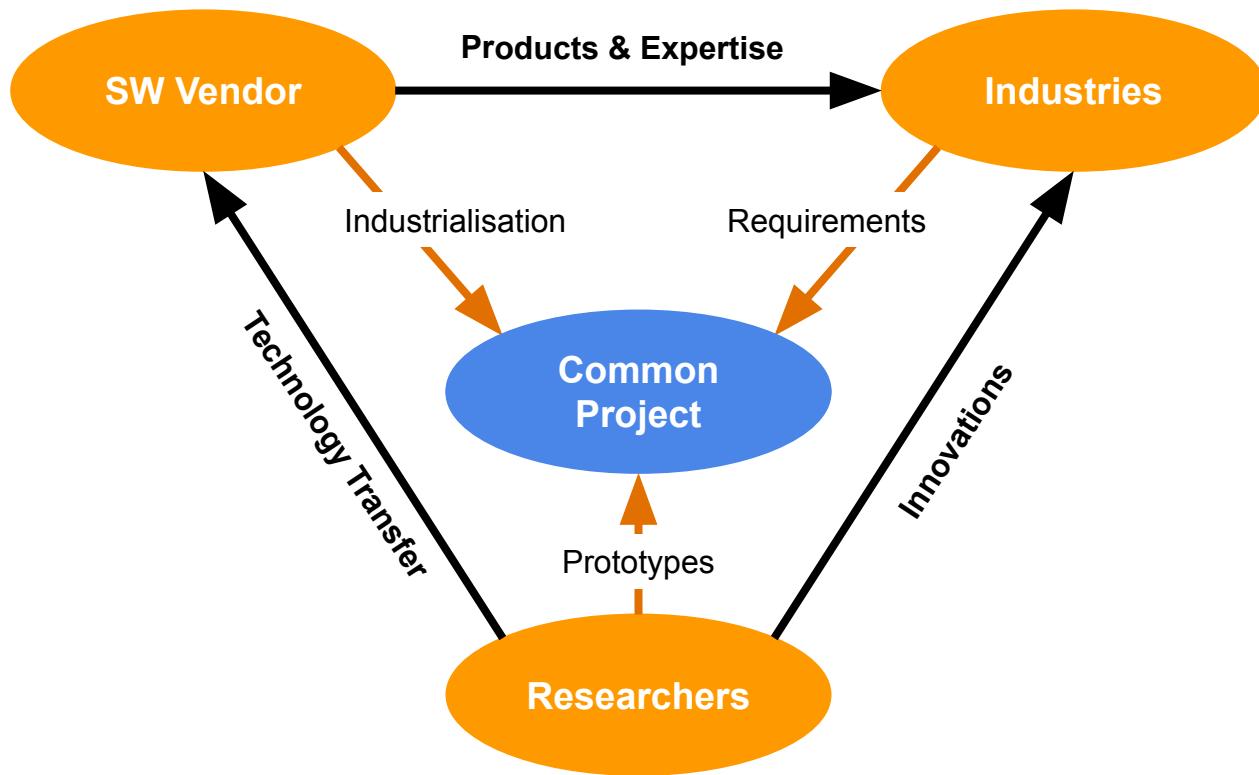


Vendor  
Neutrality

Openness

Transparency

# OSS as a catalyst for a Project Consortium



# Consortium Examples

The screenshot shows the Eclipse Foundation's Software Defined Vehicle page. The header features the Eclipse Foundation logo and navigation links for About, Members, Sponsors, and Projects. The main title is "Software Defined Vehicle" with a subtitle: "An open technology platform for the software defined vehicle of the future; focused on accelerating innovation of automotive-grade in-car software stacks using open source and open specifications developed by a vibrant community." Below this, there is a section titled "Members" listing various organizations like accenture, arm, ARRAY, AVL, CANONICAL, Capgemini, CARIAD, Continental, DMI, Elektrobit, ETAS, Karakun, Luxoft, Microsoft, NXP, REYCOM, Bosch, SUSE, Red Hat, T Systems, and Toyota IT Group. On the right, there are six project cards for Eclipse Ibeji, Eclipse Kuksa, Eclipse Leda, Eclipse Leda Incubator, Eclipse Muto, and Eclipse SonniP, each with a brief description, latest release, project status, and a "Get Started" button.

LF ENERGY

The screenshot shows the LF Energy homepage. The header features the LF ENERGY logo. The main banner has the text "Leading the energy transition through global open source collaboration" and several hexagonal icons representing different projects. Below the banner, there is a section titled "LF Energy Member - General (23)" listing various members: alliander, Google, Microsoft, Rte, Shell, ENEEMETER, Atos, AVEVA, BTP, Cleartrace, CloudBees, Electricity Maps, ENERGINET, FLEXIDAO, Futurewei Technologies, HITACHI, Indra, M-RETS, PIONIX, and RECURVE. The bottom right corner features the Eclipse Foundation logo.



# Innersource





**“Innersourcing, [...] the use of open source development techniques within the corporation.”**

- Tim O'Reilly (2000)

# Who's doing Innersource?

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# Why Innersource?

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- Increase collaboration & reduce silos
- Improved development efficiency & productivity. Faster time to market
- Permission-less innovation
- More uniform processes
- Promote & support culture of quality
- Higher job satisfaction / motivation / retention
- Attracts skilled assets



**“Sharing of code and  
knowledge allows for  
incremental innovation”**

# Change management

## C-Level

- > Improved Quality
- > More efficient use of tools
- > Productivity
- > External Contribution
- > Improved engineering process
- > Resource Management

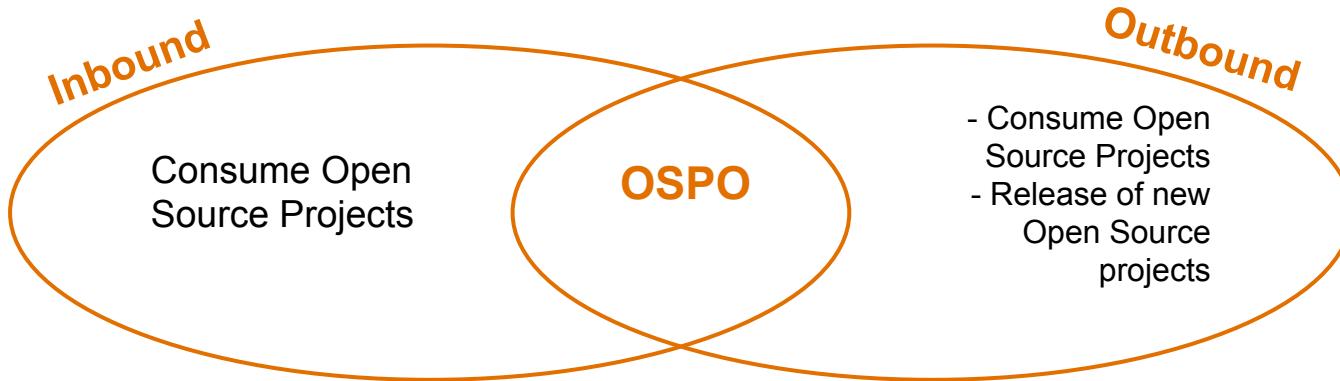


## Dev Level

- > Faster problem resolution
- > Learning curve
- > Lower software complexity
- > Job satisfaction
- > Motivation
- > Reputation

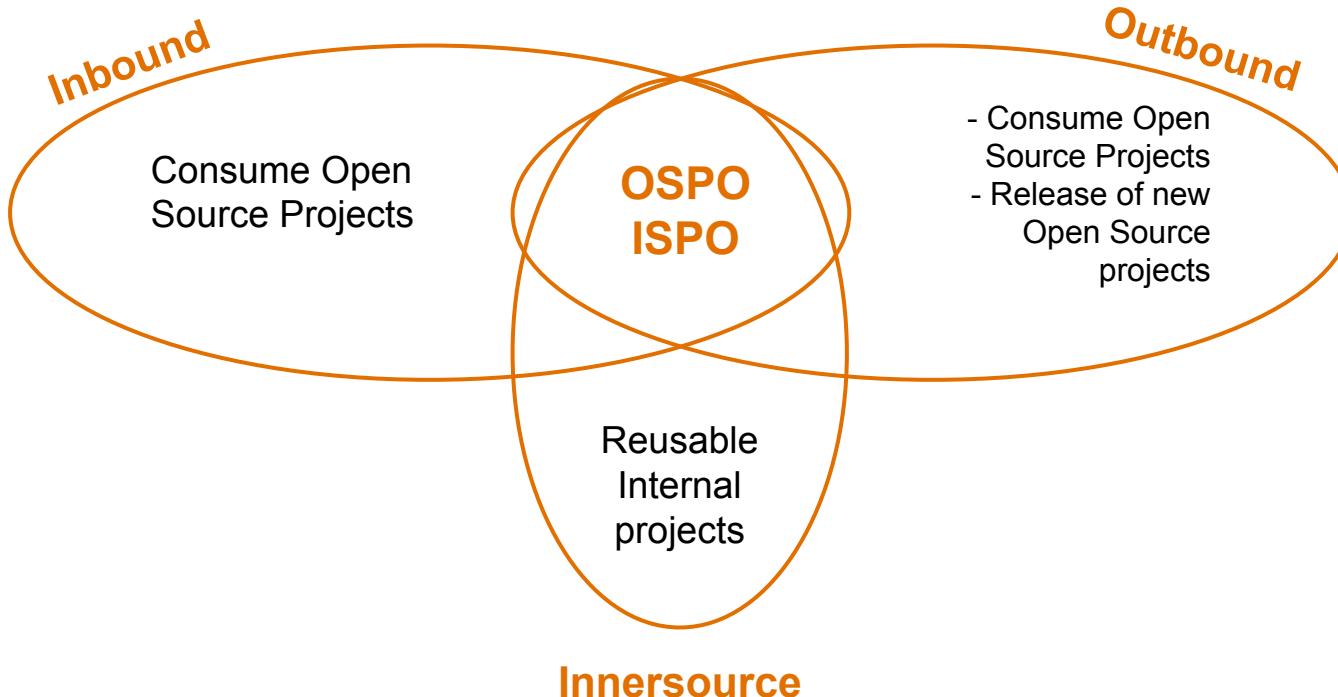


# Innersource in companies' strategy



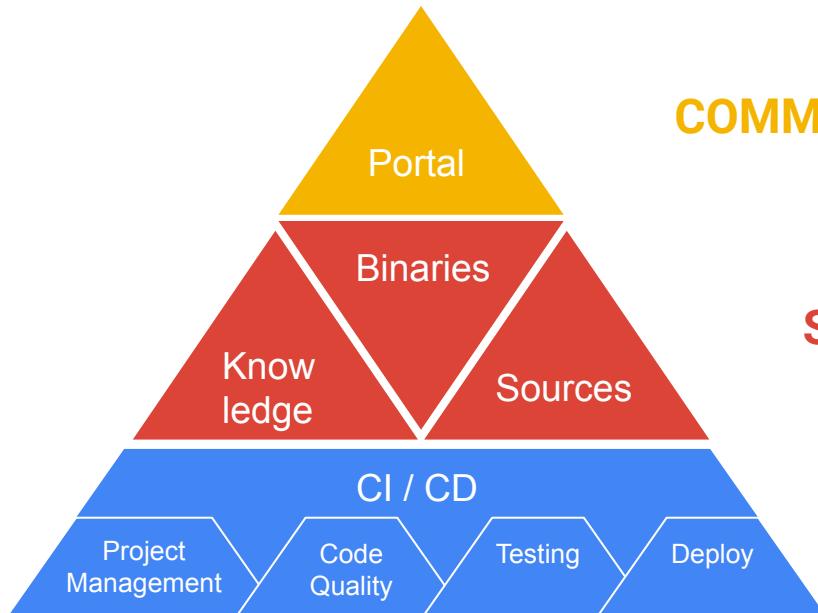
Schema based on J. Manrique Lopez de la Fuente work

# Innersource in companies' strategy



Schema based on J. Manrique Lopez de la Fuente work

# Innersource fundamentals

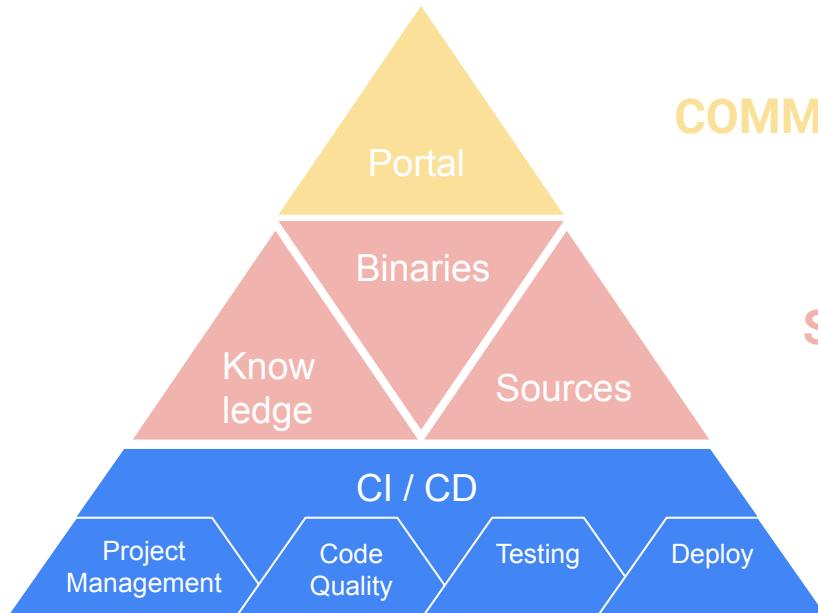


**COMMUNICATE / Information is Power**

**SHARE / Impulse change management**

**PRODUCE / Scalable and Reliable Tools**

# Innersource / A common Tool Suite



**COMMUNICATE / Information is Power**

**SHARE / Impulse change management**

**PRODUCE / Scalable and Reliable Tools**



## Many approaches

From Monolithic

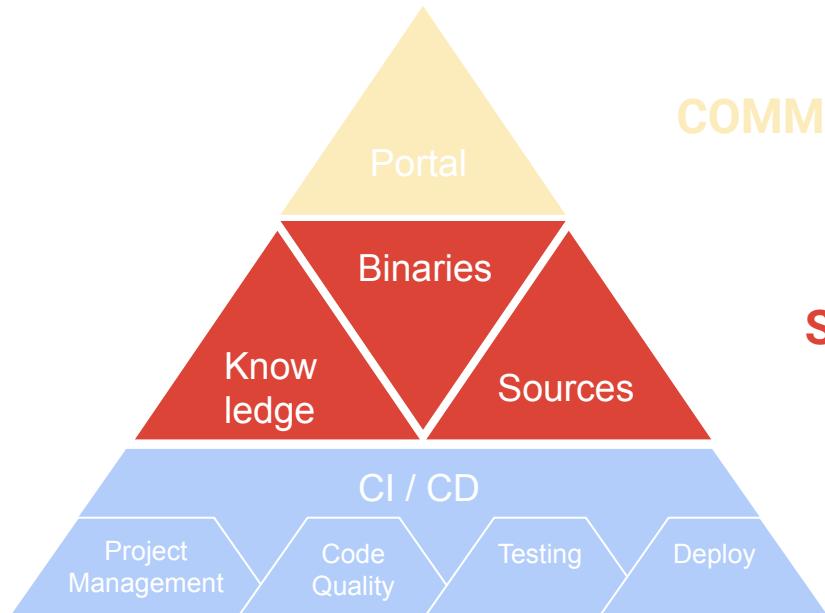


...

to the Best of Breed



# Innersource / Sharing



**COMMUNICATE / Information is Power**

**SHARE / Impulse change management**

**PRODUCE / Scalable and Reliable Tools**

## More than a licence or code

*"If you have great code and a dysfunctional community, people will leave and the code will atrophy. If you have dysfunctional code but a great community, people will improve the code."*

- Community before code from The Apache Way

A productive community and its accompanying practices are just as important as the code itself.

# Software craftsmanship at its best

- > You share deliverables
- > You do not lose your competencies
- > Knowledge is the only thing that increases when you share it
- > You do not represent a risk (aka bus factor)
  
- > BE PROUD OF YOUR CODE

# Your playground, your rules!

- > Group Global Governance
  - User driven
  - Transparent
  - KPI
  - Connected to the outside world
- > YOUR Governance aka Contributing.md
- > You do not lose control

# Seed Projects Criteria



Need



Technology



Documentation



Architecture



Core Team



Opportunities



Competencies

NO GO



Sensitive  
code

Sensitive  
Information

License  
Issues

## Creating Trust - Artifacts



Deliverables Quality



Documentation



Environnement



Community /  
Communication

# A JOURNEY TO TRUST



## ENVIRONNEMENT



### CONTINUOUS DELIVERY PLATFORM

Reproducible

## DOCUMENTATION

### CONTRIBUTE

Developer guide  
Wiki

## QUALITY OF DELIVERABLES

### MODULAR

Plugin based

## COMMUNITY

### ULTIMATE TRUST

Trusted committers  
Champions



### CONTINUOUS INTEGRATION PLATFORM

Internal Package manager

### COMPLETE & MAINTAINED

Contributing  
Guides / How-to  
FAQ

### MANUAL

Distributed Peer review  
Integration testing

### INTERACT OUTSIDE

Open to PR and ext.  
contribs  
Communicate about project



### COMMON REPOSITORY

Internal shared SCM  
w/ issue tracker

### ESSENTIAL SET

Licence  
Readme (incl.  
Build / Install / Setup)  
Code comments

### AUTOMATED QA

Unit test coverage  
Metric and good practices  
Clean code

### Share the love

Use appropriate tags  
on repos

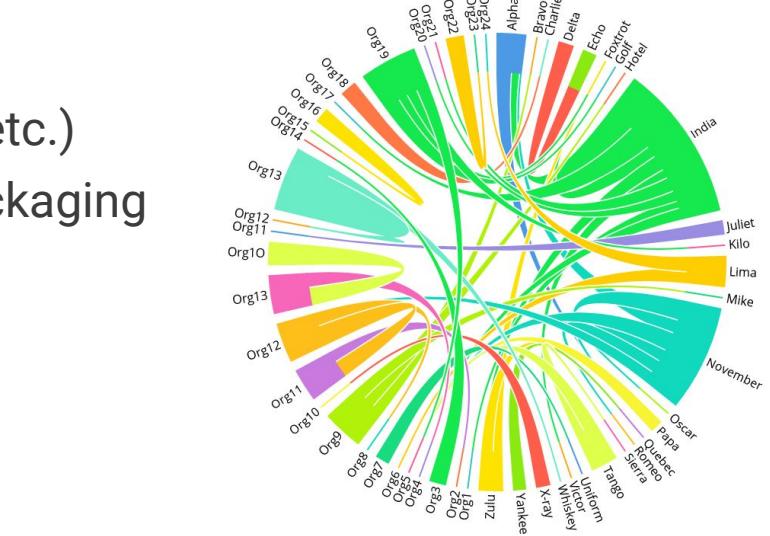
# MEASURE, MEASURE, MEASURE... & AUTOMATE !

## MEASURE

- > Technologies, Languages
- > Activity, Usage (PR, Issues, Connections, etc.)
- > Dependencies (at source & binary and packaging level)

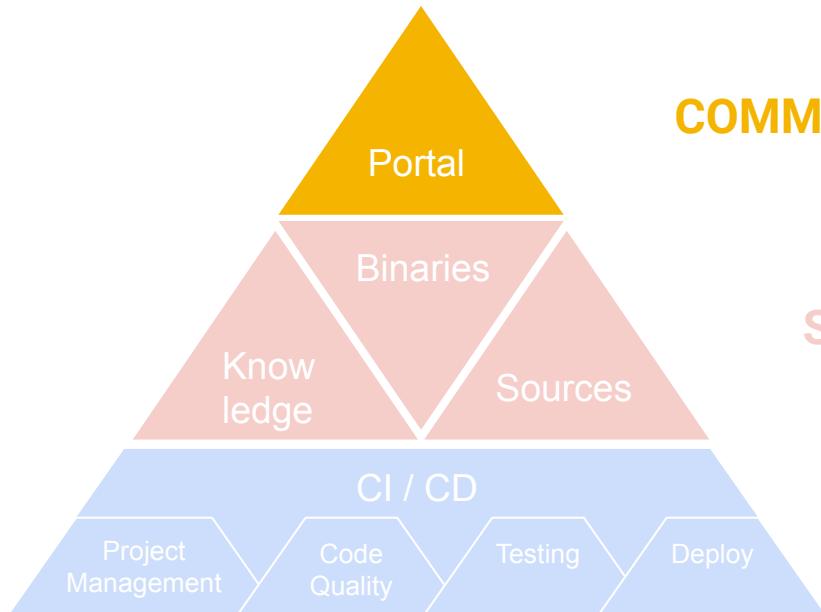
## AUTOMATE

- > Assessment
- > Project templates
- > Manifest (aka SBOM)
- > Security issues (CVE/CWE/...)



KPI / Added value Example : Cross contribution

# Innersource Communication



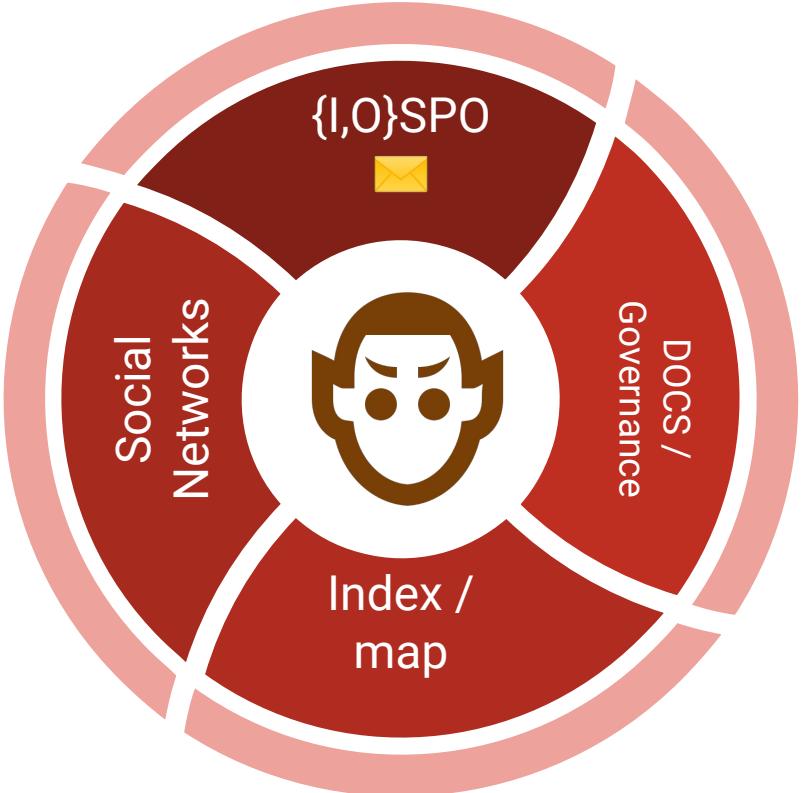
**COMMUNICATE / Information is Power**

**SHARE / Impulse change management**

**PRODUCE / Scalable and Reliable Tools**

# Live long and prosper

A unique  
showcase to  
expose and  
promote all  
initiatives



## An Open Source springboard?

# Focus on innersource licenses



# Why an Innersource License?

- > Needed for large companies with many legal entities
  - Especially for international companies
  - Solve legal issues once and for all (IP, Rights, Responsibilities, etc.)
  - Limit the risks
- > Declare innersource approved and legitimate
  - Local CxO & Managers know the rules
  - Permissionless adoption : avoid requesting permission to legal for each project
  - License must be an incentive to collaborate, not to bother engineers
- > May be completed by a charter to list/integrate
  - Collaboration processes
  - Local specificities

# Business Paradigms

Over the years, 3 have emerged

Product

Distribution

Platforms

# What to Innersource?

- > 3 paradigms, 3 approaches, 3 Innersource licenses?
  - Just like in Open Source, Innersource Licenses structure the community and the ways of collaborations
  - License restrictions may depend on the final business purpose
- > **Platforms** are best candidates to start with
  - Support for transversal tech components
  - Maximize reuse opportunities
  - Facilitate contributions
  - Easier to create an Innersource momentum
  - Innersource license with few restrictions

# Innersource Licenses Examples

## > Company 1

- Multiple versions depending on context and uses
- Forked from EPL v2
- Pending request

## > Company 2

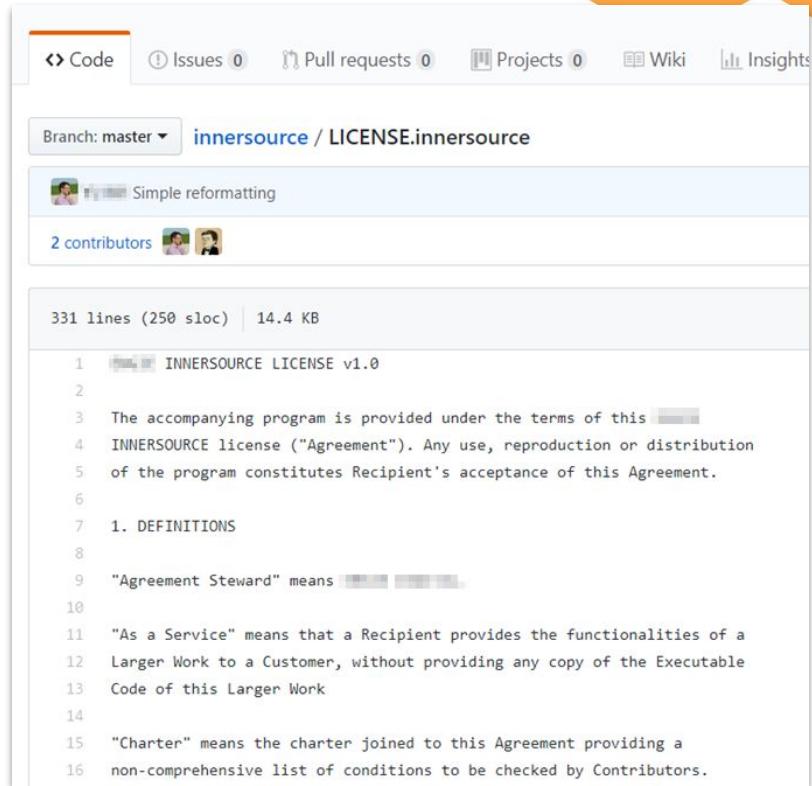
- Forked from Company 1 < EPL v2
- Simplification and feedback to Company 2
- <https://xxxxx.yyyy.zzz.com/wp-content/uploads/2019/10/license-innersource-zzz.pdf>

## > DB Systel

- Forked from EUPL v1.2
- <https://github.com/dbsystel/open-source-policies/blob/master/DB-Inner-Source-License.md>

## > Company 4

- Pending request



The screenshot shows a GitHub repository interface for the branch 'master'. The repository name is 'innersource / LICENSE.innersource'. The commit message is 'Simple reformatting' and it has 2 contributors. The file contains 331 lines (250 sloc) and is 14.4 KB in size. The content of the file is as follows:

```
1 INNERSOURCE LICENSE v1.0
2
3 The accompanying program is provided under the terms of this
4 INNERSOURCE license ("Agreement"). Any use, reproduction or distribution
5 of the program constitutes Recipient's acceptance of this Agreement.
6
7 1. DEFINITIONS
8
9 "Agreement Steward" means ...
10
11 "As a Service" means that a Recipient provides the functionalities of a
12 Larger Work to a Customer, without providing any copy of the Executable
13 Code of this Larger Work
14
15 "Charter" means the charter joined to this Agreement providing a
16 non-comprehensive list of conditions to be checked by Contributors.
```

# Topics covered by licenses

- > Definitions
- > Grant of Copyright License Rights
- > Warranty & Liability
- > Jurisdiction and Duration
- > Dispute Resolution
- > IP
- > Rights & Requirements
  - Reciprocity
  - Sublicense / Relicense
- > Distribution
- > Patents Rights & Retaliation
- > Use of Trademarks
- > Exiting / Termination
- > ...

Fairly standard legal  
mumbo jumbo

**Differentiating  
Factors**

# Other topics of interest



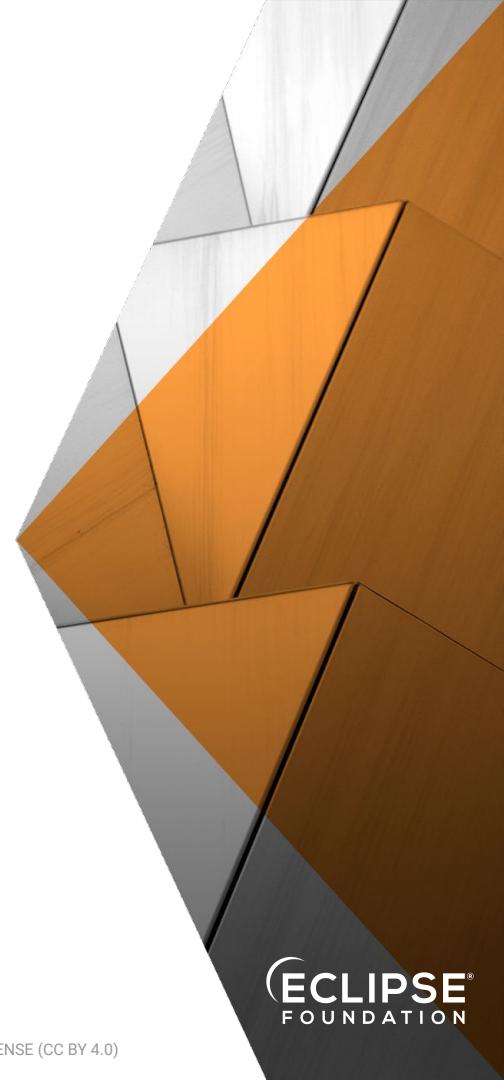
# Other topics to consider

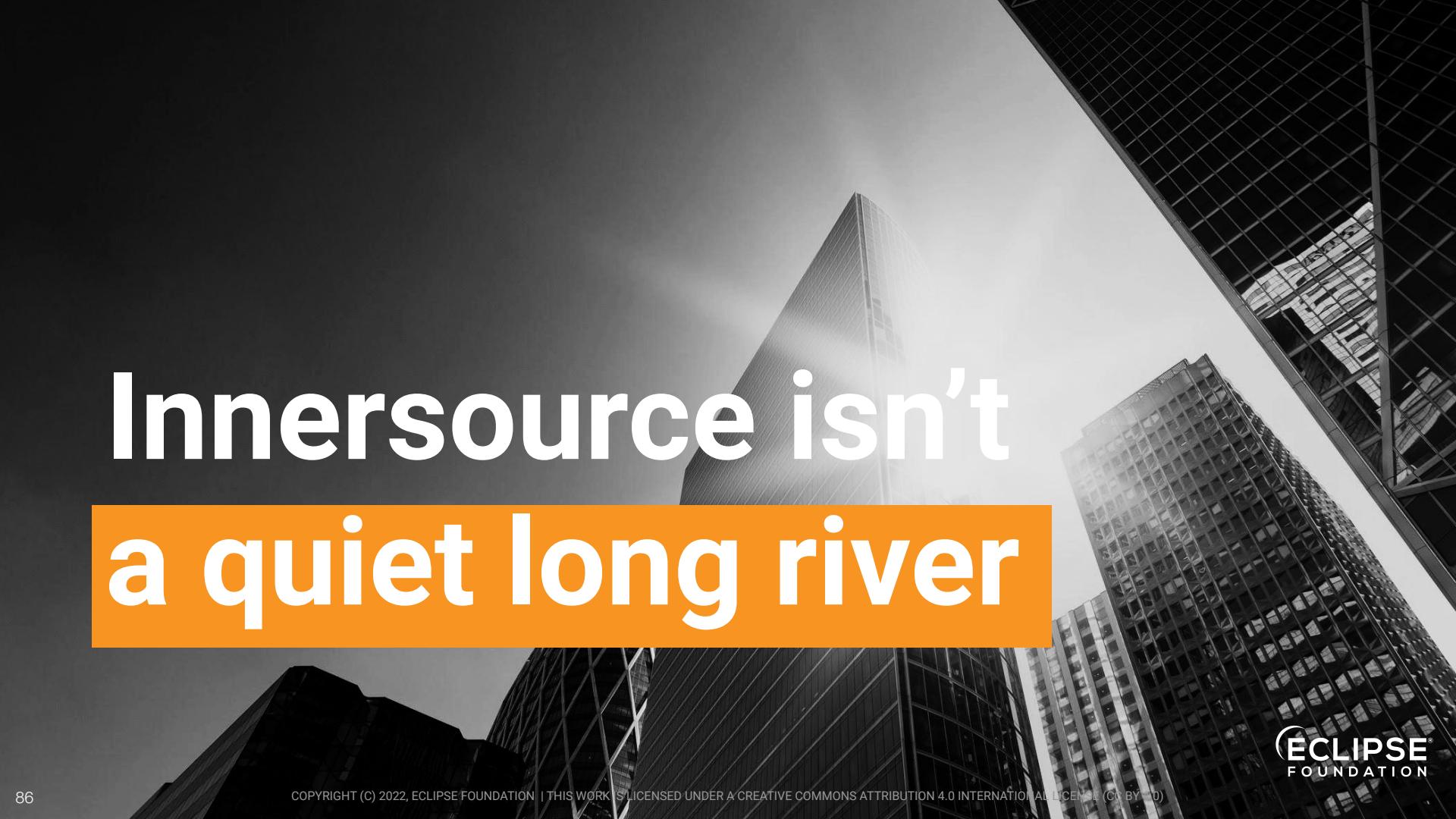
## > Accounting

- Transfer Pricing
- Tax authorities
- How?
  - Resale
  - Cost plus
  - Transactional net margin
  - Transactional profit split
  - Other?

## > Export Control

- US Extraterritorial laws
- Military use
- Technology classification inside EU





# Innersource isn't a quiet long river



# Your Take Away

## Tech is easy, human is difficult

- > Strong sponsorship is mandatory but not enough
- > Find ambassadors and rely on an internal community
- > OSPO/ISPO

## Take the heat and passion out

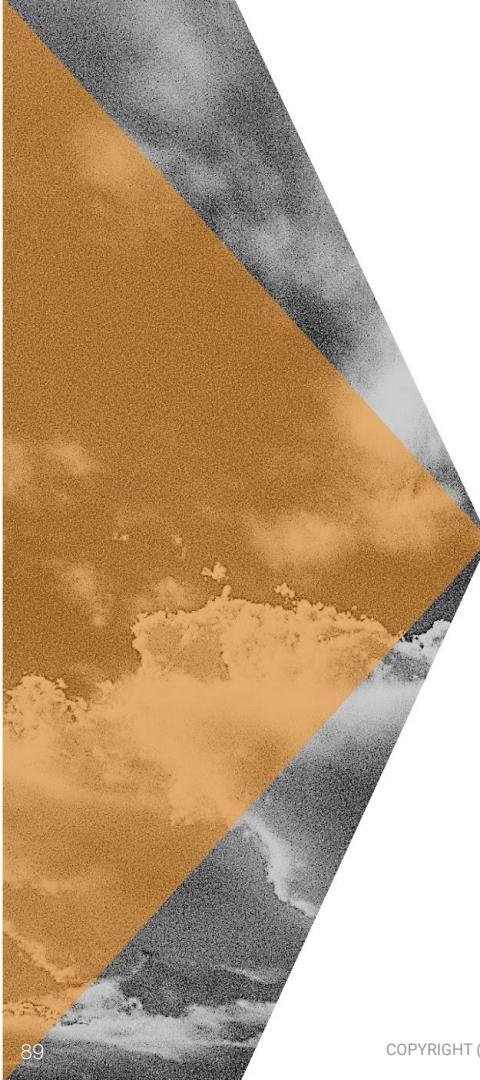
- > Innersource licence: provide a legal framework
- > Propose a ready to use and flexible journey
- > Innersource and Open Source helps meet legitimate needs

## Polymorphic speech : adapt to your interlocutor

- > Business oriented
- > Back to basis

# People are the key to success

- *Me, just now*



## Going Further

- > [MOOC Open Source](#) (online courses by B. Jean)
- > [OSPO Alliance](#) website
- > [Open Source Law, Policy and Practice](#) - 2nd edn  
(ebook coordinated by Amanda Brock)
- > [Innersource Commons](#) website (online resources)
- > [Getting Started with InnerSource](#) (ebook by Andy Oram)

# Thank You!

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DISRUPT YOUR INDUSTRY WITH OPEN SOURCE!  
*+ Inner*

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