

openinvention[®]network



***Technology Innovation through
Coopetition***

OIN'S FULL/FUNDING MEMBERS

**Established in
2005**



December 2013



June 2016



TOYOTA

OIN Funding Member Make Up is $\frac{1}{4}$ European, $\frac{3}{8}$ Asian and $\frac{3}{8}$ American Reflecting Global Nature of Linux/OSS

OIN'S MISSION

OIN's mission is to enable freedom of action/operation for vendors and users of **LINUX/OSS**-based technology. It does this through a patent non-aggression cross-license around the "**LINUX** System," which defines the scope of obligation.

OIN Overview

OPEN INVENTION NETWORK IS THE WORLD'S LARGEST **PATENT NON-AGGRESSION COMMUNITY**. ITS MISSION IS TO **SAFEGUARD THE CORE** OF **LINUX** AND **OPEN SOURCE**

~3,000 **PARTICIPANTS**
FROM **START-UPS**
TO **LARGE CORPORATIONS**

CROSS LICENSE POOL

~5.0M **PATENTS AND APPLICATIONS OWNED BY OIN LICENSEES**

OIN PATENT PORTFOLIO

~1300 **GLOBAL PATENTS AND APPLICATIONS W/BROAD SCOPE**

~\$100M **SPENT ACQUIRING/INVENTING DEFENSIVE PATENTS**



(Sample Licensee Participants)

LINUX SYSTEM

>2800

OPEN SOURCE CORE LINUX TECHNOLOGY PACKAGES COVERED



OIN'S Licensee Community

OIN's licensee community, by design, comprises global representation of circa **3,000 companies** from over **35 countries** to reflect the global reach of Linux and OSS. **EMEA licensees currently represent 38 percent of the OIN community** with Asia accounting for 27 percent and **35 percent coming from the Americas.**

**OIN is a Global Solution to Reflect
the Global Reach of Linux and OSS!**

openinventionnetwork®

REPRESENTATIVE LICENSEES

NETWORK OPERATORS



Software Companies



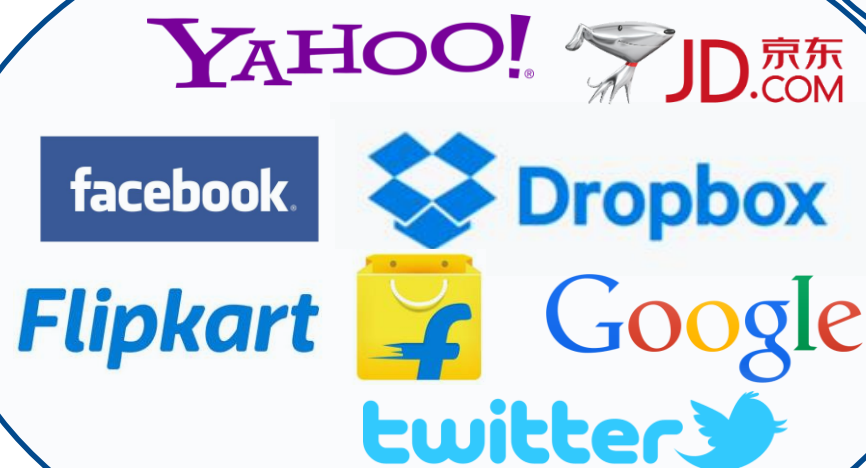
Automobile Makers



Networking Companies



Internet Companies



Hardware Companies



FINANCIAL OBLIGATIONS OF PARTICIPATION

ZERO

**NON-FINANCIAL OBLIGATIONS OF
PARTICIPATION**

All OIN licensees agree to cross license each other under patents that directly read on functionality included in the “OIN Linux System Definition**”**

SCOPE OF CROSS-LICENSE

The “**Linux System Definition**” comprises core software packages from various OSS projects which, taken together, define the scope of the cross-license obligation to which each OIN licensee commits.

The “Linux System Definition” currently consists of more than 2,800 **core** OSS packages.

(Complete and current listing of packages is found on OIN’s website)

Linux System Definition - Patent Non-Aggression Zone

Common Base Packages (Linux kernel, system and command line programs, common libraries, setup tools) - **71.6%**

Software Engineering (Perl, Python, PHP, Lua, etc.) - **15.3%**

Enterprise Computing (JBOSS, Jakarta, OpenShift (high functionality packages)) - **3.5%**

Networking and Security (OpenSSL, OpenSSH, OpenVPN) - **2.9%**

Mobile (Android, WebOS) - **2.6%**

Auto (AGL, Android for Auto) - **1%**

Cloud Computing (OpenStack, Qemu, libvirt) - **1.5%**

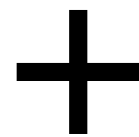
Web (Apache webserver, NGINX) - **1.0%**

Configuration Management (Puppet, Ansible) - **0.6%**

IoT, ONAP/OPNFV, Hyperledger - future roadmap of Linux and LF Projects will translate into near term incorporation BUT given reuse of code all of these projects are to some degree already represented in Linux System



OIN, by design, exists to preserve patent freedom for participants in Linux Foundation and other Key OSS projects.



**Technical Development/Collaboration Occurs in
Parallel with Legal Collaboration**





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- The Advent of Co-opetition and Collaborative Development DOES NOT Signal a Demise of IP! Patents Still Drive Innovation for many companies!
- Rather, participation in the New Economy of Technology Development requires that we manage a form of practiced duality in terms of IP Strategy & Look to Community Solutions to Mitigate IP Risk and Produce New Novelty in Software
- IP Must Be Recognized as a Strategic Resource! Educate, Socialize the Importance of Transforming Ideas to Value!

**Inventing Migrates to Features/Function Where
Differentiation Can Reasonably Be Found**



THE BOTTOM LINE

Ultimately (i.e. over time), the only companies that do not sign the OIN license and agree to participate in the OIN Community are those that wish to reserve the right to sue on patents that read on “core” Linux and OSS functionality!

Thank You!

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