Why Open Source Foundations
Eclipse Foundation

• Not-for-profit Foundation responsible for the Eclipse community
• 320+ open source projects
• Working groups for Geo-spatial tech, IoT, System engineering and embedded dev., Science, Automotive, …
• 250+ members
The 3 IoT Software Stacks

**Security**
- Hardware Abstraction Layer (HAL)
- OS / RTOS

**Ontologies**
- Communication
  - Field protocols
  - IoT protocols
- Network Management
- Application Runtime
- OS / RTOS

**Tools & SDKs**
- Data Management & Messaging
- Connectivity
  - Field protocols
  - IoT protocols
- Message Routing
- Application Enablement
  - Event Management, Analytics & UI
  - Data Management
  - Device Management
  - Device Registry
- OS / PaaS

**Constrained Devices**
- Remote Management
  - Communication
  - OS / RTOS

**Gateways and Smart Devices**
- Remote Management
  - Communication
  - OS / RTOS

**IoT Cloud Platform**
- Remote Management
  - Connectivity
  - Message Routing
  - OS / PaaS
Our community

- EUROTECH

- IBM

- SIERRA WIRELESS™

- AZUL SYSTEMS

- BOSCH
  Invented for life

- CANONICAL

- SIEMENS

- QIVICON
  powered by T

- HUAWEI

- redhat

- cloudera

- SAMSUNG ARTIK™

- GE
Spectrum of Open Source Projects

Hobby
Corporate controlled
Foundation
Open Source Foundations
Foundation Services

- Infrastructure
- Community Development
- Process & Governance
- IP Management
What do Foundation Provide

Infrastructure

Process & Governance

Community Development

IP Management

VENDOR NEUTRAL
OSS Investment Cycle

Development
Investment

Community
Adoption

Commercial
Profit

Commercialization
Community of Investments
A trademark battle in the Arduino community

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By Nathan Willis
March 25, 2015

The Arduino has been one of the biggest success stories of the open-hardware movement, but that success does not protect it from internal conflict. In recent months, two of the project’s founders have come into conflict about the direction of future efforts—and that conflict has turned into a legal dispute about who owns the rights to the Arduino trademark.

The current fight is a battle between two companies that both bear the Arduino name: Arduino LLC and Arduino SRL. The disagreements that led to present state of affairs go back a bit further.
Commercial friendly licenses

INFOWORLD TECH WATCH

By Serdar Yegulalp, Senior Writer, InfoWorld | JUL 7, 2014

Why GPL still gives enterprises the jitters

Though open source is a way of life in many companies, the GPL still inspires hesitancy -- for surprising reasons
Committer and Contributor Agreements

1. Make sure code is contributed under a project license

2. Make sure committer/contributor has the right to submit the code
Part of a Community

Foundation will provide sense of community for a project. Foundation will:

- Host related projects, ex. Apache big data, Eclipse IoT
- Host events and online community
Decision Making

Who and how are decision made?
- How are new committers elected?
- How are technical decision made?
- When does a project do a release?