SPDX Lite

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OpenChain project Japan workgroup
Background of SPDX Lite

• Problem in actual business
  • We do not receive OSS license information from our suppliers

• Why can’t suppliers give the information?
  • They do not know OSS license (compliance)
  • They cannot use tools to generate/evaluate the information

• Who are our suppliers?
  • Hardware vendors
  • ODM vendors
  • SoC vendors
  • Their software partners
  • They are in Japan and Asia

• We want to resolve the problem
Member companies

• Automotive and Suppliers
  • Toyota Motors
  • DensoTen
  • Panasonic
  • Pioneer

• Consumer Electronics:
  • Sony

• IT:
  • Fujitsu

• Precision Instruments
  • Olympus

• Semiconductor
  • Renesas Technology
Growing model and activity

- Japan workgroup
  - Basic Education
  - Starting Practice
  - Making Process
- Contribution
  - SPDX
  - Open Source Tooling Group
  - Improving Process
Growing model and activity

Japan workgroup

Basic Education

Starting Practice

Making Process

Improving Process

Contribution

Our suppliers’ position

Orientation
Proposal of SPDX Lite

SPDX Lite:

– Is the subset of the SPDX specification (Compatibility)

– Is the minimum requirement by automotive and consumer electronics industries (Minimum workload)

– Can be manually created without special tools (Easy to create)

– Has been proved by actual business (Industry oriented)
Scenario #1: for unskilled suppliers

Our suppliers’ position

Orientation
Basic Education
Starting Practice
Making Process
Improving Process
Contribution

SPDX Lite
SPDX
Open Source Tooling Group
OPENCHAIN

Japan workgroup

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Scenario #2: for non engineering staff

Supplier

Software

SPDX

SPDX Lite

Recipient

License review w/ tools

Engineering Staff

License review w/o tools

Legal Staff

Procurement Staff
## List of SPDX Lite

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Big Picture of SPDX world

REUSE initiative = Copyright/License Notice + SPDX

SPDX OpenChain world

Unskilled Supplier

SPDX Lite

Supplier

Integrator

User

Under consideration ex. Package Info.

OpenChain Compliant
Use SPDX

OpenChain Non-Compliant
Use SPDX

OpenChain Non-Compliant
Cannot use SPDX
Big Picture of SPDX world

- **Supplier** (SPDX)
  - OpenChain Compliant: Use SPDX
  - OpenChain Non-Compliant: Use SPDX
  - Unskilled: Cannot use SPDX

- **Community**
  - REUSE initiative = Copyright/License Notice + SPDX

- **Integrator** (SPDX)
- **User**
- **Unskilled Supplier** (SPDX Lite)

Expand SPDX and OpenChain world
SPDX Lite samples:
https://github.com/OpenChain-Project/Japan-WG-General/tree/master/License-Info-Exchange/SPDX-Lite-sample