

Welcome back to the Automotive Work Group, and update from Toyota

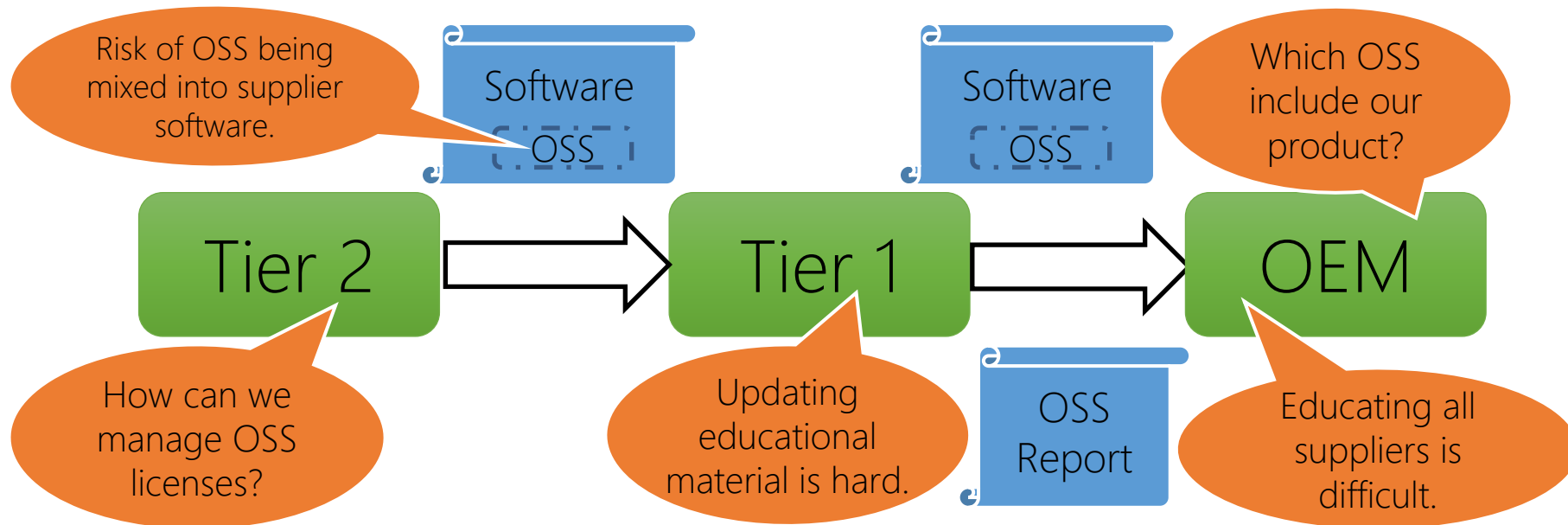
Masato ENDO

**Automotive Chair of OpenChain Project
Japan Evangelist of The Linux Foundation
Manager of TOYOTA OSPO**

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Awareness of the issues

- Even if Tier 1 or OEM have strong processes problems like snippets may occur.
- It is inefficient for each company to create similar educational materials.
- Having different OEM management methods consumes extra resources.



Purpose

- Raise awareness about the importance of OSS compliance in the industry
- Share information to support best practices in the industry
- Build a future industry standard for OSS SCM

Example of the Members' company

Platinum Members of OpenChain



TOYOTA

C A R I A D
A VOLKSWAGEN GROUP COMPANY

Panasonic

OpenChain Conformant Program Organizations

SCANIA



FUJITSU



OPENCHAIN

Automakers

HONDA

HYUNDAI ISUZU

Mercedes-Benz Group



mazda



PORSCHE



SUBARU

SUZUKI

VOLKSWAGEN

AKTIENGESELLSCHAFT



Suppliers

AISIN DENSO DENSO TEN



RENESAS

Pioneer

Qualcomm
Qualcomm Technologies, Inc.



TOYOTA OSPO

Automotive Workshop

@Tokyo



@Lyon



@CES2020



2020-2023
Online Workshop

And Today!



Tausend Dank! Marcel-san!

The History of Toyota's Open Source Activities

Contribution



Use

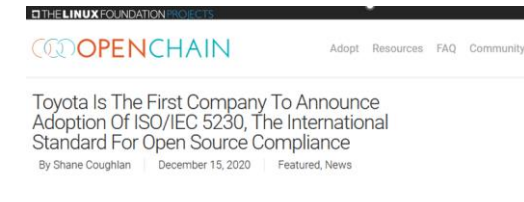
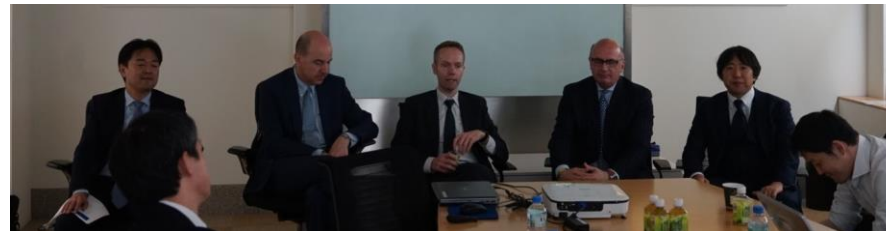
For adoption Open Source to products & services



2019 FSFE LLW (Barcelona)

■ For Patent risk reduction, we're defining patent safety zone as a board member of Open Invention Network

■ For appropriate copyright management, we became a platinum member of OpenChain Project and the 1st company to announce adoption of ISO/IEC 5230.



TOYOTA

Toyota announces adoption of ISO/IEC 5230 in the IP Planning Group, a process led by Masato Endo and Miyu Tanaka. ISO/IEC 5230 is the International Standard for open source compliance.

ISO/IEC 5230 is maintained by the OpenChain Project as OpenChain 2.1 and edited for ISO via the Joint Development



Contribute to Standardization of Open Source



2020 CES (Las Vegas)

■ For proper supply chain management, we established the first regional/industry WG OpenChain

■ With OpenChain JPWG, we proposed SPDX Lite

ISO/IEC DIS 18974

Information technology — OpenChain security assurance specification

General information ⓘ

[Preview](#)

Status : Under development

You can help develop this draft international standard by contacting your [national member](#)

Edition : 1

Number of pages : 9

Technical Committee : [ISO/IEC JTC 1](#) Information technology

ICS : [35.020](#) Information technology (IT) in general

Buy this standard

Format Language

✓ PDF English

Paper English

CHF 61

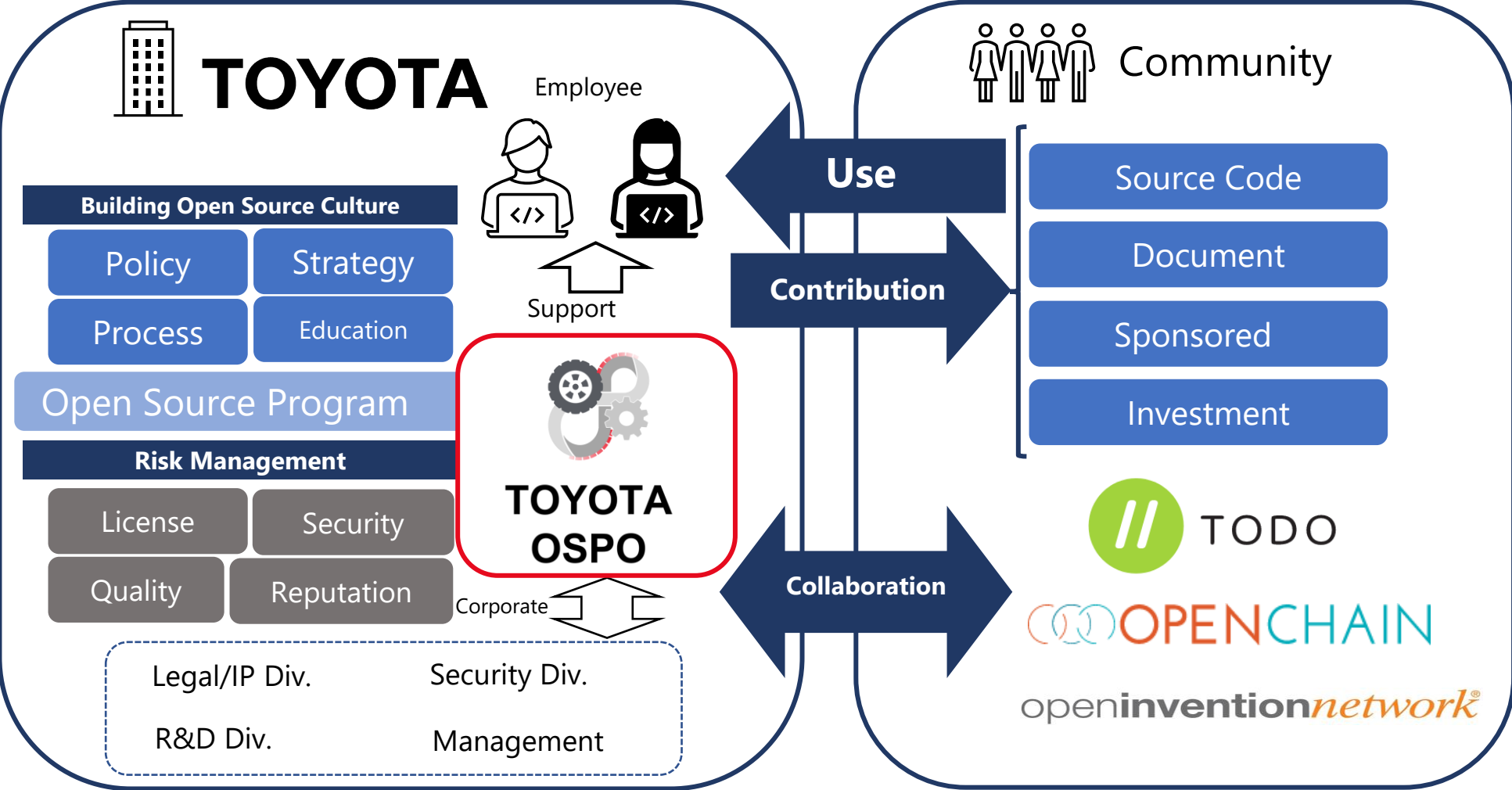
[Buy](#)

<https://www.iso.org/standard/86450.html>



TOYOTA OSPO

OSPO's Function



OSPO's 3 Key Activities

Culture

Strategy

Automation

New Communities in 2024

Safety-Critical Rust Consortium

<https://foundation.rust-lang.org/news/announcing-the-safety-critical-rust-consortium/>

Automotive Grade Linux OSPO Expert Group

eBPF Japan Community

<https://community.cncf.io/events/details/cncf-cloud-native-community-japan-presents-cloud-native-community-japan-ebpf-japan-meetup-1/>



Automotive Grade Linux OSPO Expert Group

We want to become a sanctuary for community activities in our industry. Participation is open to anyone, even if they are NOT AGL members or belong to companies WITHOUT an OSPO.

We want to base our activities on needs, so we will start with a survey.

Tentative Rough Schedule

24/09: Finalize the charter

24/10: Open communication channels and public recruitment (including ALS)

24/11: Kickoff and discussion of survey contents

25/2: Start the survey (around the time of the winter AMM?)

25/3: Create the survey report

25/4: Formulate and implement the activity plan for FY25 based on the survey contents

25/7: Report activities at the summer AMM

Please contact us here once the communication channels are established.

Mr. Itoh's email address. masanori.itoh@mail.toyota.co.jp

Carter draft

The Open Source Program Office (OSPO) Expert Group's purpose is to help spread open-source best practices throughout the automotive industry.

OSPO-EG activity covers the following:

- Encourage companies to launch their OSPO**
- Offer a place to share pain points and best practices to resolve them**
- Publish documents of the best practices for common pain points**
- Reach out companies outside AGL community and invite them**
- Encourage and help companies and engineers to send their downstream works to upstream**
- Encourage contributing code from member companies to AGL-UCB (and related projects)**

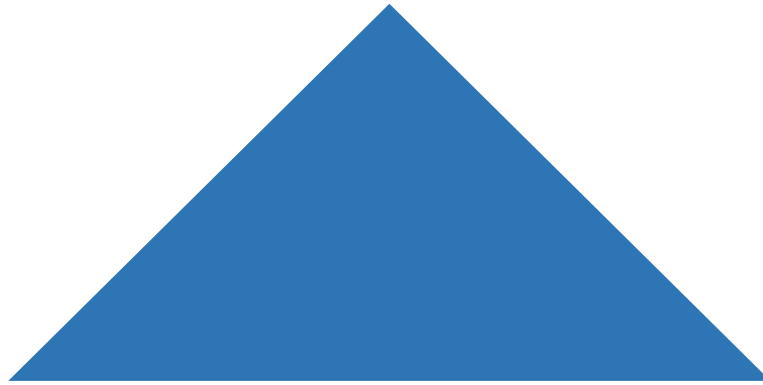
Discussion points of OSPO EG

- We would like to reflect your company's expertise in our activities, so we would like you to participate in the community.**
- If you have any opinions on the charter, we would like to hear them.**
- Awareness of issues in community activities in the automotive industry.**
- If you know anyone in Europe, including OEMs and suppliers, who might be interested, please introduce them to us.**

Accelerate open source in our industry

 **OPENCHAIN**
Automotive Work Group

 **TODO**




AUTOMOTIVE
GRADE LINUX
OSPO EG