Toyota has established OSPO (Open Source Program Office) in Otemachi

Toyota Motor Corporation
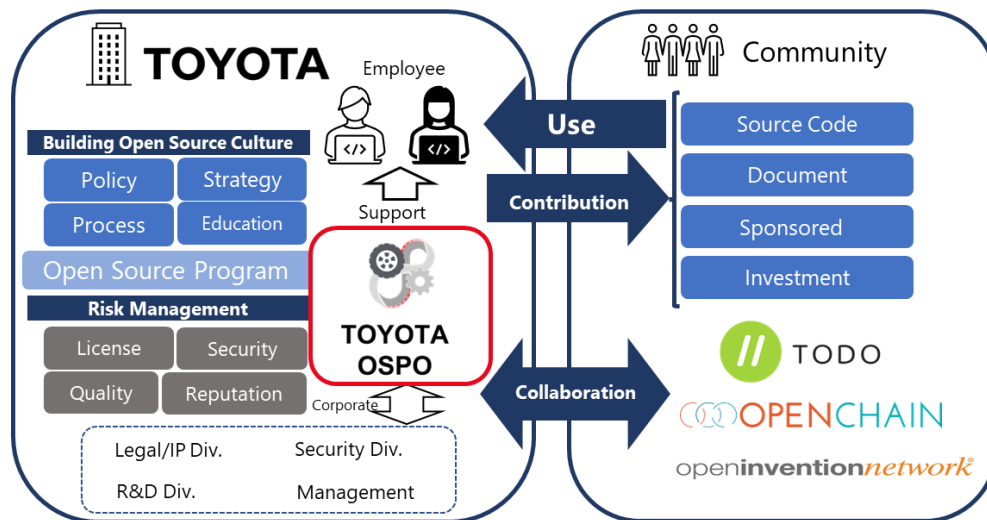
Advanced R&D and Engineering Company

Open Source Program Group

OSS (Open Source Software), developed by engineering communities worldwide. OSS is essential for software development, being utilized in almost all fields, from programming languages and operating systems to cloud and AI.

The OSPO (Open Source Program Office), an organization that promotes the utilization and contribution of OSS, has begun its activities this year, primarily with members from Otemachi.

■What is OSPO?

Role of OSPO

OSPO collaborates with various departments within Toyota to promote the use of OSS by Toyota's engineers and to contribute to the community. They establish rules, plan events both internally and externally, and introduce tools related to SBOM (Software Bill Of Materials) to ensure proper use of OSS. Additionally, OSPO members work with communities to invigorate open source activities in Japan and the automotive industry.

Since it was originally created by engineers passionate about OSS, it always maintains an engineer's perspective on what is necessary and continues its activities accordingly.

Communities from around the world visit Otemachi

Community members from around the world visit Otemachi.

■Examples of OSPO's External Activities

OSPO's activities are not confined to Toyota. For the development of the software and automotive industries, OSPO is advancing new initiatives together with the community.

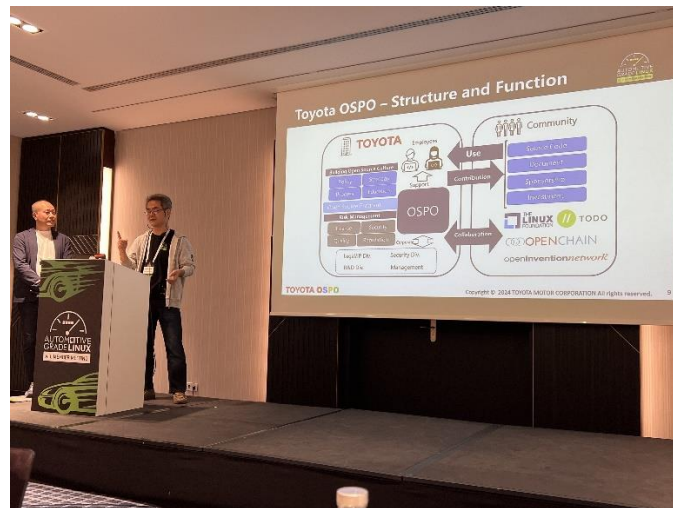**- Held the First eBPF Japan Event at Toyota Otemach**i

The eBPF Japan Community, a SIG (Special Interest Group) of the Cloud Native Community Japan (the Japanese branch of CNCF, Cloud Native Computing Foundation), commenced its operations in 2024. The eBPF Japan Community, in a vendor-neutral stance, promotes the adoption of eBPF to Japanese companies by introducing use cases of this core cloud-native technology and related Linux kernel technologies. On 2024/8/19, the first meetup was held at Toyota Otemachi, marked by enthusiastic and fully booked attendance.

eBPF meetup at Toyota Otemachi

-Establishment of AGL OSPO EG

To promote OSS community activities among engineers in the automotive industry, Masanori Itoh, one of the OSPO members, proposed the establishment of an OSPO-EG (Expert Group) at the AGL (Automotive Grade Linux) AMM (All-Member-Meeting) Summer 2024 held in Berlin on 2024/7/17-18. The purpose of this expert group is to promote the establishment of OSPOs and to share information and best practices between them. The proposal was approved, and activities will now be formally initiated.

Presentation at AGL AMM Summer 2024

- Participation in the Japan Evangelist Program

Masato Endo, the group leader of OSPO, has been appointed as the inaugural Japan Evangelist by The Linux Foundation (Please refer to the link). The Japan Evangelist, as a regional community leader, supports opportunities for driving global innovation from Japan through experience and information, and promotes community activities rooted in the unique culture and language of the region.

Please check the detail of Japan Evangelist Program form this link.

Presentation at the Open Source Summit North America 2024.