

Wrist intelligence for training and life

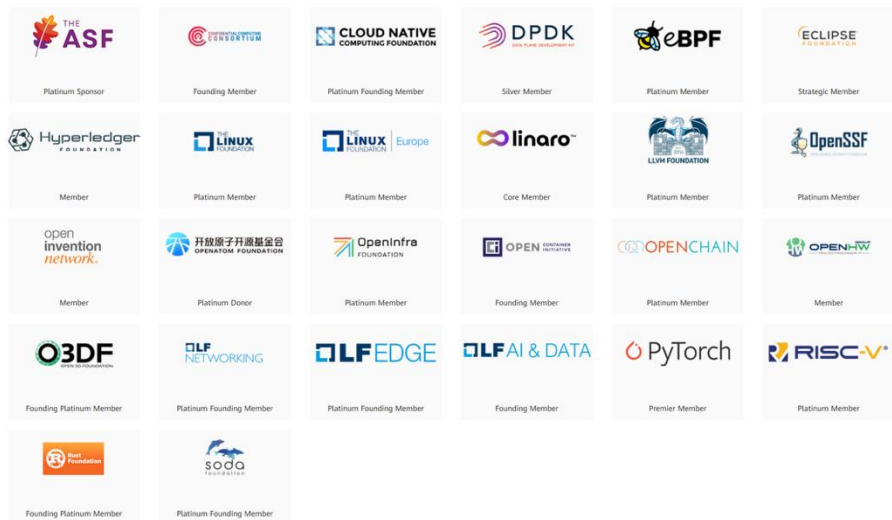
hackaTUM 2025 challenge by



A strong supporter and key contributor to Open Source



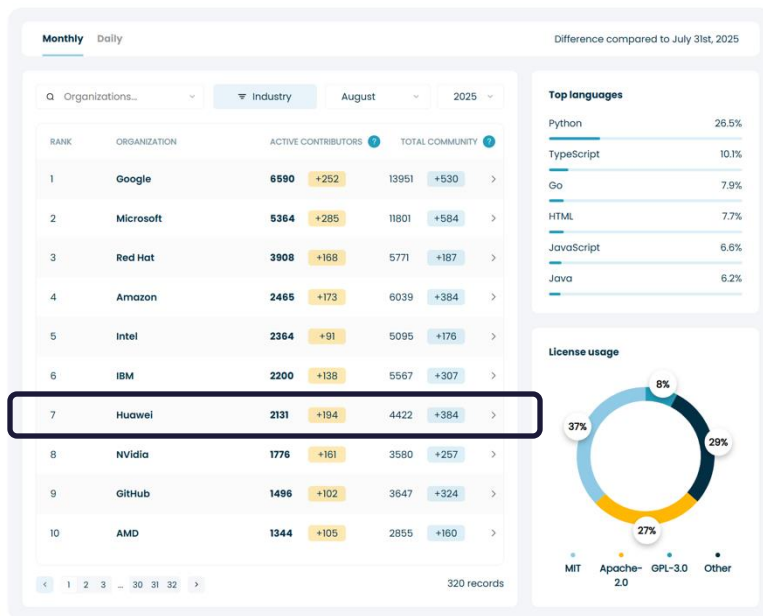
Foundations



<https://www.huawei.com/en/open-source>

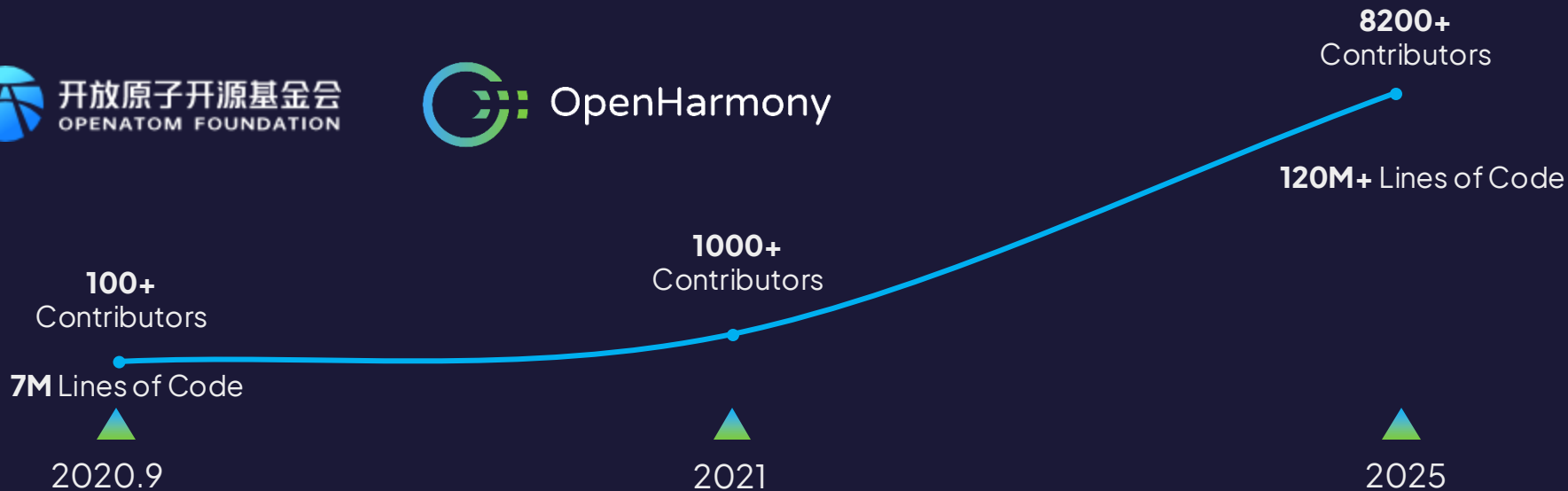
Open Source Contributor Index

Welcome to OSCl, where commercial organizations are ranked by the volume of their employees' year-to-date open source contributions on GitHub



<https://opensourceindex.io/>

A new Open Source contender in operating systems space



Community Statistics

8200+
Contributors

120M+
Lines of Code

26K+
Stars

76K+
Forks

330K+
Pull Request

59
SIG Groups

The Eclipse Foundation's Project and Working Group

[Technical Documentation](#) [Working Group](#) [Oniro Projects](#) [Community](#) [Talk To Us](#)



The open source
Operating System
that provides you
with a platform to
**Think Global and
Code Local**

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The Oniro Platform

Oniro is an Eclipse Foundation Project dedicated to the development of an open source vendor-neutral Operating System (OS) platform. The Oniro Project was established through a collaboration between two global open source foundations: The Eclipse Foundation and The OpenAtom Foundation. Leveraging the solid foundation of OpenHarmony, an open source project operated by the OpenAtom Foundation, Oniro builds upon an operating system platform known for its versatility across a wide range of smart devices.

At its core, Oniro prioritizes seamless interoperability, modularization, and a visually appealing user interface. These priorities are realized through an array of enhancements, encompassing application frameworks like React Native, system-level OS components such as Servo Web Engine, and a comprehensive toolchain that ensures intellectual property compliance and licensing. This adaptable platform provides robust support for a broad range of global technologies and applications spanning various industries, including Consumer Electronics, Home Appliances, Industrial IoT devices, Smart Home, and Multimedia.

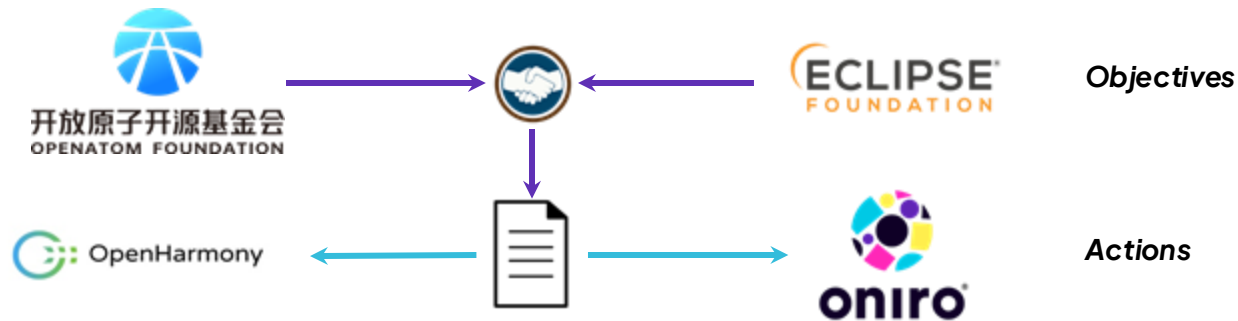


Pioneering Open Source collaboration for a global ecosystem

“The first instance of two open source foundations engaging in such detailed technical collaboration – a significant step towards cultivating a global ecosystem for open intelligent devices” [ref](#)



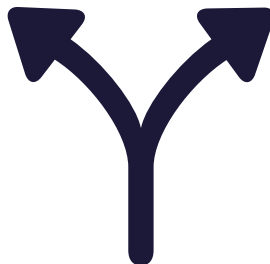
Mike Milinkovich
Executive Director at EF



Multiple distributions of OpenHarmony



HarmonyOS NE<u>X</u>T



Open Source Proprietary

Unique HarmonyOS NEXT Devices



Pura X



MateBook Fold



Watch 5*

*The first OpenHarmony-based device available in Europe

Smartwatches today: underutilized potential



- Packed with advanced sensors
(GPS, heart rate, motion, biosensors)
- Mostly used just for step counting & notifications



Transform a smartwatch into an AI-powered sport and health companion

Example focus areas:

- Performance: athletes, competition preparation
- Endurance: runners, cyclists, gym enthusiasts
- Health: recovery, chronic conditions, disabilities
- Well-being: overtraining, sleep, rehabilitation



Build for real-world use



- Build and prototype on your laptop
- Test and refine on real device

Only 12 watches available for development

Distribution on a first-come, first-served basis



Wrist intelligence for training and life



hackaTUM 2025 #huawei

Friday: Challenge Presentation
20:15 – 20:45, 20:45 – 21:15

Saturday: Workshop
10:00 – 11:00



Build something that matters.
Build something you'd actually wear.