

CORECOLLECTIVE

Where the Arm software ecosystem connects

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Introducing CoreCollective

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CoreCollective is an open collaborative forum for the Arm ecosystem, designed to accelerate innovation through shared software tools and standards that power every Arm system from cloud to edge.

arm | linaro

What is CoreCollective?

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- **A new organization** enabling partners in the Arm ecosystem to:
  - Work together on common opportunities
  - Solve shared problems
  - Coordinate engineering projects on Open Source software and standards
- **Open to all and free to join**, the primary hub for collaborating on the technology you care about.
- Operationally facilitated by Linaro and drawing on 15 years of their leadership in the Arm ecosystem.



How does CoreCollective help you?

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We’re the way to navigate through technology uncertainty and rising security demands

- Ensure your needs are addressed in next generation software and standards for the Arm ecosystem
- Gets you integrated into the large and diverse developer community within a neutral and trusted forum
- Accelerate time to market for most important technologies to you
- Drive engineering efforts on common technology and eliminate developer friction.



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Working Groups are how we're organized

- We're a neutral organization. Any topic related to the Arm ecosystem is welcome
- Working Group topics are proposed by members and open to all members
- CoreCollective takes care of the infrastructure, administration, and provides a community manager
- Freeing you to focus on the solving the topic at hand



Initiatives are how we get stuff done

- Working Groups often need engineering work
- Initiatives are joint projects, run by a working group
- Initiatives are funded via sponsorship from members
- Instead of footing the costs alone, you share the cost with other invested industry leaders.
- CoreCollective takes care of management and finances for the Initiative

Current Working Groups

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Confidential Compute

Provision of a comprehensive set of software emulated hardware enabling execution of Confidential Compute on Arm

Edge Compute

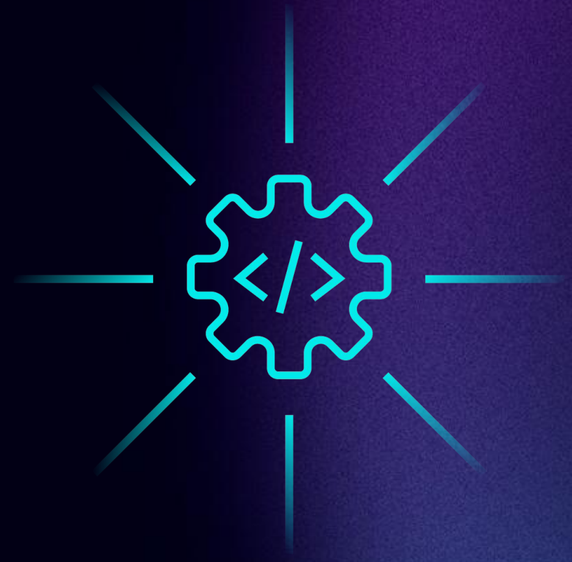
Standards and Firmware for Arm edge platforms

Windows™ on Arm

Targeting application layer support for Windows. From tooling to enablement and optimization of libraries on the Windows platform

SOAFEE

Cloud native software development methodology for physical AI



Android™

Collaboration within Android ecosystem to leverage existing and future Arm architectural features & tackle shared problems in upstream open source projects

Virtualization

Enable collaboration on evolving Arm-architecture virtualization technologies for secure firmware, hypervisor, kernel and AI workloads

Linux Fundamentals

Focused on the Linux Kernel, Toolchains, and Kernel Quality Testing

Join these industry leading members



acce/erat
AMD
AMPERE.
arm
Astemo
ASR MICROELECTRONICS
Canonical
CIX
Codethink
epam
FUJITSU
FUTUREWEI Technologies
Google
GRAPHCORE
GUTLAF
HUAWEI
HYUNDAI MOTOR GROUP
KERNKONZEPT
LECARC
linaro
MACHINEWARE
Microsoft
Qualcomm
Red Hat
Rocky Linux
roofline
SAMSUNG
socionext
Stackable
SUSE
vivo

Join us at the Core of Arm Open Source Development

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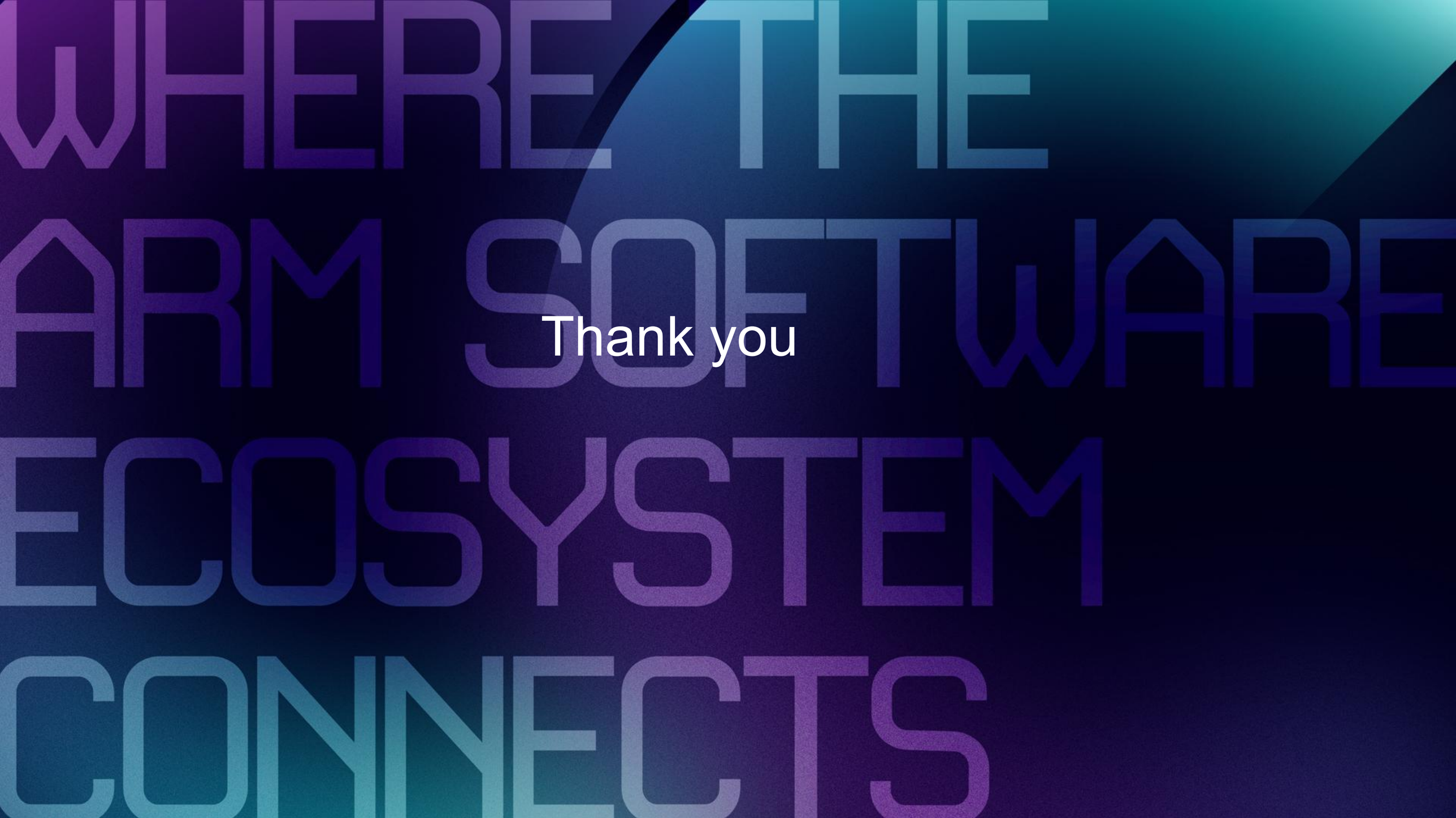
Next Steps:

- Become a Founding Member Company
- Join Working Groups, or propose new ones
- Consider being a WG Lead
- Create and Sponsor Engineering Initiatives
- Visit our website to learn more

CoreCollective.dev

Contact us at enquiries@corecollective.dev for more information



Thank you