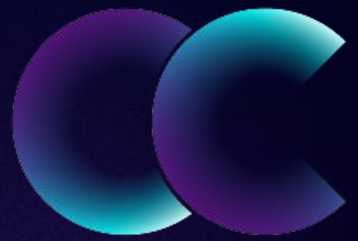
Automation Working Group Proposal



CORECOLLECTIVE

Where the Arm software ecosystem connects

v1 November 2026

Purpose Statement

CORECOLLECTIVE
Where the Arm software ecosystem connects

Ensure the long term stability of the LAVA and SQUAD testing ecosystem.

Problem / Gap Summary

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Multiple companies rely on LAVA and SQUAD for their core testing infrastructure but there is currently no clear long term maintenance model nor funding for their improvements.

Working Group Initial Focus



Investigate long term support model of the following projects

- testing automation software: LAVA, SQUAD, Hey
- testing automation infrastructure: KissCache, LAVAPit
- Supporting key automation initiatives: KernelCI, CIP (Civil Infrastructure Platform)

Targeted Initial Members

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The following companies have been approached and are interested in participating: Arm, Hitachi Energy, NXP, Qualcomm, ST, Schneider

Company	Potential Work item Interests
ARM	LAVA
Hitachi Energy	LAVA
NXP and Schneider	LAVA, SQUAD, KissCache
STMicroelectronics	LAVA, SQUAD

Other Companies to approach that are active in this space may be interested: TI, Toradex, Renesas, Cybertrust, Siemens, Ericsson, …

Proposed WG Structure

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This WG would be expected to focus on executing of engineering Initiatives with the following details

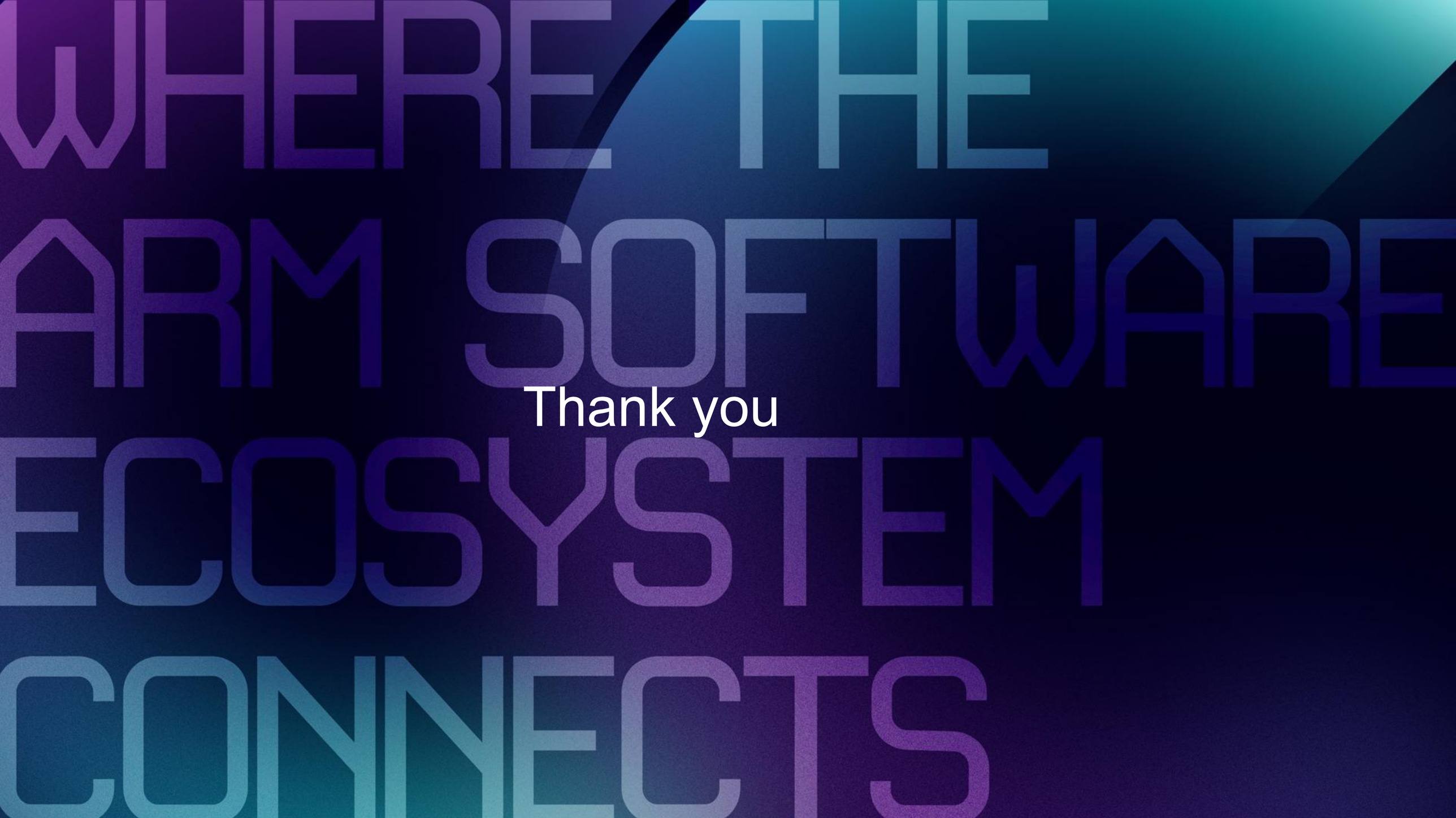
- **Proposed Chair**: Remi Duraffort (interim, permanent chair elected in 6 months)
- **WG Type**: Execution of Initiatives requiring Member sponsorship to perform Engineering tasks
- **Initiation Plans**: Collect needs and build a maintenance model as supported by the members.

Existing Assets



The following relevant assets/ repositories are available as the starting points:

- https://gitlab.com/lava
- https://gitlab.com/Linaro/squad/
- https://gitlab.com/Linaro/kisscache



Thank you