



seL4® Foundation

Update

June Andronick

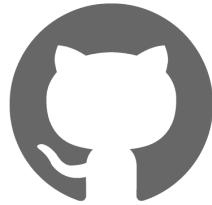


**Home to an ecosystem of software, developers and adopters
for safety- and security-critical systems based on seL4**

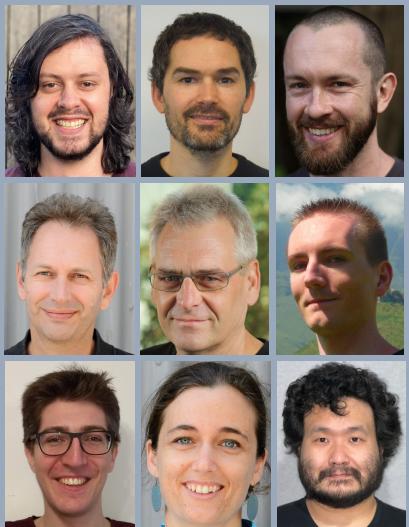
Vibrant and well supported
community

Most highly-assured and fastest
operating-system technology

Readily deployable,
with a strong ecosystem



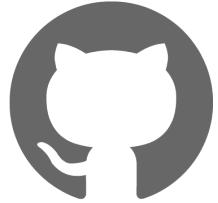
TSC



Board



Technical Update



TSC



More verified platforms: all Arm platforms supported are now verified!

Support: lots of contributions from Indan, Nick, UNSW, Proofcraft ++

Website/Docsite: fully revamped and released!

New seL4 website

The sel4® Microkernel
Security is no excuse for bad performance.
The benchmark for performance.
The world's most highly assured OS kernel.
Open source & community-supported under the seL4 Foundation.

News • 18 Apr 2025: MEP joins the seL4 Foundation
• 14 Apr 2025: Register for the seL4 summit 2025
• 17 Feb 2025: Call For Presentations for the seL4 Summit 2025
more...

What is sel4?
The world's most high-assured operating system kernel

Commercial Support
Endorsed service providers for sel4

Use
Build or retrofit your product to run on sel4

Learn
Tutorials, documentation, courses

Support sel4
Funding the next big steps for the sel4 project

The seL4 Trademark
Compliance rules and promoting the brand

Contribute
Contributing code, documentation, proofs

Want to know more?
Research, roadmap, FAQ



seL4 Security. Performance. Prod.

About seL4 ▾ Contribute ▾ News & Events ▾ Contact & Support ▾

Become a Member Docsite ▾

seL4 is used across a wide range of sectors

seL4's formally verified isolation enforcement enables unique solutions for safely running critical applications alongside uncritical workloads. This capability has a significant impact across critical sectors such as automotive, aerospace, infrastructure, defence, secure communications, and more.

Here are some examples of where seL4 is being used. There are many more – while seL4 is open source, many products or developments on it are not or cannot be public.

If you would like to be added to this list, please contact us at foundation@sel4.systems. See also our list of [research organisations](#) conducting seL4-related research and the list of [frameworks and languages](#) built on or for seL4.

Award-winning technology backed by ground-breaking research

seL4 is both the world's most highly assured and the world's fastest operating system kernel. Its uniqueness lies in the formal mathematical proof that it behaves exactly as specified, enforcing strong security boundaries for applications running on top of it while maintaining the high performance that deployed systems need.

seL4 is grounded in research breakthroughs across multiple science disciplines. These breakthroughs have been recognised by international acclaimed awards, from the MIT Technology Review Award, to the ACM Hall of Fame Award, the ACM Software Systems Award, the DARPA Game changer award, and more.

[Learn more](#)

New seL4 docsite

The screenshot shows the old seL4 documentation website. At the top, there's a navigation bar with links for Resources, Contributing, Projects, and Tutorials. A search bar is also present. Below the navigation, the URL is `docs.sel4.systems/projects/seL4/`. The main content area is titled "The seL4 microkernel". It contains a section about the source code of the seL4 microkernel, a "Releases" section listing various versions from 13.0.0 down to 2.0.0, and a "Community" section with forums like Discourse, sel4 Announce, and sel4 Devel. There's also a "Reporting security vulnerabilities" section and a "Manual" section.

The screenshot shows the new seL4 documentation website. The header includes a logo for "sel4 DOCS", a navigation menu with links for Releases, Contribute, Contact, Support, and Main Site, and a search bar. The main content area is titled "The seL4 microkernel". It features a sidebar with sections like "Getting Started", "The seL4 Kernel" (with sub-links for Overview, Setting up, Tutorial, How-to, API docs, Manual, Supported platforms, Verified configurations, Configurations, Standalone sel4 builds, Bitfield generator, Testing & benchmarking, Contributing, Porting to a new platform, Releases, and Sources), "Microkit", "CAmkES", "C support", "Rust support", "ELF loader", "capDL", and "Examples & demos". Below the sidebar, there are eight cards: "Tutorial" (with a "Learn more" link), "Manual" (with a "Learn more" link), "API" (with a "Learn more" link), "Sources" (with a "Learn more" link), "Supported Platforms" (with a "Learn more" link), and "Verified Configurations" (with a "Learn more" link). A large green arrow points from the left side of the old site towards the new site's sidebar.

Technical Update



TSC



More development, verification and support
for **seL4 & its associated technologies**





Support: lots of contributions and support from Nick & Indian

Infrastructure: maintenance and updates

Summit: 55 registrations; 5 sponsors

New members: MEP, Cyberagentur, Trusted Computing

Leadership & coordination: yours truly and amazing Birg

Board



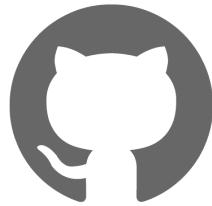


Board



Supported and vibrant community,
pushing **verified software in deployed products**





TSC



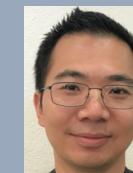
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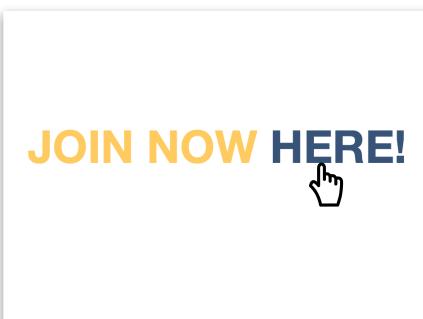
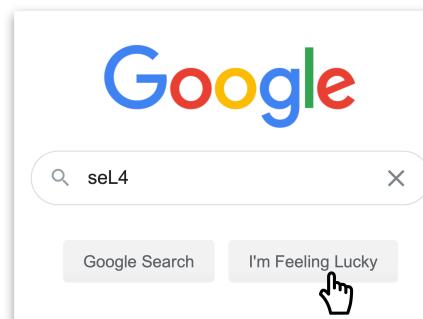




Most highly-assured and fastest operating-system technology

Open-source, free to use by everyone

It needs to be supported by its users and adopters





seL4® Foundation

Strategic change

June Andronick

**Plan:**

- transition the seL4 Foundation from under the Linux Foundation (LF) to its own entity
- established as a Swiss Association ("Verein"); same as RISC-V Foundation

Main reasons:

- very little overlap between existing LF members and seL4 Foundation members
- therefore obligation to be an LF member hinders outreach and retention



Aim:

What won't change:

- same purpose
- same internal structure (separate Board and TSC)
- keep using LF Event team for summits 😊

Main changes:

- new paperwork, but same spirit
- no need to be LF member, no 9% administration fee
- updated fee structure (with **new tier for size 0-20**)

Current Fee structure

	seL4 fee	LF fee (Silver)	seL4 + LF fee
Premium	USD 100,000	USD 20,000 **	USD 120,000
General 5000+	USD 30,000	USD 20,000	USD 50,000
General 500-4999	USD 20,000	USD 15,000	USD 35,000
General 100-499	USD 10,000	USD 10,000	USD 20,000
General 0-99	USD 3,000	USD 5,000	USD 8,000

** assuming a 500-4999 company

Proposed new Fee structure

Tiers	Fee in CHF	Equivalent in USD*	vs seL4 alone	vs seL4 +LF
Premium	CHF 100,000	USD 122,797	22.8%	2.3%
General 5000+	CHF 35,000	USD 42,979	43.3%	-14.0%
General 500-4999	CHF 20,000	USD 24,559	22.8%	-29.8%
General 100-499	CHF 10,000	USD 12,280	22.8%	-38.6%
General 21-99	CHF 4,000	USD 4,912	63.7%	-38.6%
(New) General 0-20	CHF 2,500	USD 3,070		

*Conversion rate at 17/6/2025: CHF 1 USD 1.22797



Aimed Timeline:

- finalise statutes, registration and creation of new entity by Nov 2025
- get existing members transitioned by end of 2025 / start of 2026
- get new members signed up starting from Dec 2025

Questions: foundation@sel4.systems



Thank you