

# Minutes of the 11<sup>th</sup> Meeting of the seL4 Board

2023-09-28 23:00 to 2023-09-29 00:20 UTC

virtual (on Zoom)

## Members present

- Gernot Heiser (GH) – Chair
- David Hardin (DH)
- Mai Lie (ML) for Feng Zhou, Horizon
- Gerwin Klein (GK)
- June Andronick (JA)
- Qiyan Wang (QW)

## Members absent

- Matthew Grosvenor (MC)

The meeting commenced at 23:04 on 2023-09-28 UTC.

### 1. Confirmation of minutes of previous meeting

**RESOLVED:** Draft minutes of 9<sup>th</sup> meeting, of 2022-10-13, are confirmed

**RESOLVED:** Draft minutes of 10<sup>th</sup> meeting, of 2023-04-26 to 2023-05-02, are confirmed

### 2. Matters arising from minutes of previous meetings

No outstanding action items

### 3. For noting

- (a) Election of General Members Board representative returned David Hardin from Raytheon Technologies uncontested.

### 4. Election of Officers

- (a) **GH was unanimously elected Chairman**
- (b) **JA was unanimously elected Treasurer**

### 5. Board committees and membership:

**RESOLVED:** The Board committees continue as follows:

- Compliance Committee (CC)

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- Members: GH, JA, GK
- Outreach Committee (OC)
  - Members: GH, JA, DH
- Marketing Committee (MC)
  - Members: GH, JA

The Outreach Committee may co-opt members from the Foundation membership as appropriate.

## 6. Chair's update and matters arising

GH to update on recent developments, including:

- 5<sup>th</sup> seL4 Summit in Minneapolis
- Membership development
- Community engagement
- Success of Collins-led bid with Proofcraft and UNSW in the DARPA PROVERS program, continues strong support by DARPA for the seL4 ecosystem.

## 7. CEO's update and matters arising

JA's report, circulated with the Agenda, was discussed.

## 8. Update from TSC Chair and matters arising

GK provided an update on recent developments, including

- Support for using the Rust language on top of seL4, developed by Nick Spinale and funded by the Foundation, was adopted.
- The seL4 Microkit, an SDK and simplified seL4 abstraction developed by UNSW with the aim to simplify building seL4-based IoT and cyberphysical systems, was adopted.
- Plans for the next seL4 release.

## 9. Budget

JA presented the revised 2023 budget, updated to reflect likely underspending, and the proposed 2024 budget.

**RESOLVED:** The 2023 (revised) and 2024 budget is approved as proposed.

## 10. Future meetings

The next meeting is expected to be called after the next Board elections, likely around May 2024.

## 11. AOB

- There was a discussion of potential additional membership benefits to help in attracting more members. This will be discussed by the OC.
- There was a discussion about the possibility of reviving the kernel's WCET analysis for modern processors.

The meeting closed at 00:20 on 2023-09-29 UTC.

**ACTION SUMMARY**

No pending actions

**Meeting Attendance**


Current financial year, starting 2023-01-01:

Name	Eligible	Attended
Gernot Heiser	2	2
June Andronick	2	2
Matthew Grosvenor	2	1
David Hardin	2	2
Gerwin Klein	2	2
Qiyang Wang	2	2
Feng Zhou	2	1

**Acronyms**

- TS** The Trustworthy Systems research group at UNSW Sydney
- LF** The Linux® Foundation
- TSC** The Technical Steering Committee of the seL4 Foundation
- CC** The Compliance Committee of the seL4 Foundation
- OC** The Outreach Committee of the seL4 Foundation
- MC** The Marketing Committee of the seL4 Foundation

**ATTACHMENTS:** Budget on next page

  
 Signed as a true record  
 2024-10-10

Budget - BM 2023-09-29				
	2023			2024
<b>Income:</b>				
Carry-over (confirmed)			\$ 324,511	
Carry-over (forecast)				\$ 219,436
Membership confirmed as of 2023-08-23			\$ 151,363	
Membership invoiced but pending payment as of 2023-08-23			\$ 153,563	
Membership to be invoiced later				\$ 383,110
<b>Forecast revenue membership 2023 - Total</b>			\$ 314,026	
Forecast revenue from Summit23			\$ 70,000	\$ 75,000
<b>Total forecast revenue 2023</b>			\$ 384,026	\$ 458,110
<b>Total available now</b>			\$ 475,874	
<b>Additional available forecast</b>			\$ 223,563	
Forecast total available			\$ 699,436	\$ 677,546
<b>Expenses:</b>				
	<u>Last Approved Budget</u>	<u>Spent</u>	<u>New Budget to be Approved</u>	<u>Budget to be approved (to be spent as revenue get confirmed)</u>
<b>Legal:</b>				
Legal (TM)	\$ 10,000	\$ 454	\$ 2,000	\$ 3,000
<b>IT &amp; Infrastructure:</b>				
IT (Mail hosting, server hosting)	\$ 1,000	\$ 461	\$ 11,000	\$ 16,000
Hardware (boards and native web server)	\$ 7,000	\$ -	\$ 7,000	\$ 7,000
Infrastructure support	\$ 35,000	\$ 4,290	\$ 35,000	\$ 38,500 [1]
<b>Events:</b>				
seL4 Summit 2023	\$ 120,000		\$ 100,000	\$ 150,000
<b>Leadership and Coordination:</b>				
CEO	\$ 40,000	\$ 16,499	\$ 40,000	\$ 44,000 [2]
Admin- Project coordinator	\$ 35,000	\$ 17,811	\$ 35,000	\$ 77,000 [1]
Buffer	\$ 10,000	\$ -	\$ 10,000	\$ 11,000 [1][2]
Travel	\$ 5,000	\$ -	\$ -	[1][2]
<b>Systems &amp; Community:</b>				
Contract for Systems and Community Support (Rust)	\$ 110,000	\$ 48,120	\$ 110,000	\$ 120,000
Contract for Systems and Community Support (Tests, PRs, etc)	\$ 100,000	\$ -	\$ 100,000	\$ 150,000
<b>Strategic projects</b>				
Next roadmap items (verification or system)	\$ 25,000	\$ -	\$ -	
Automated tests for verification platforms	\$ 25,000	\$ -	\$ 25,000	[2,3]
<b>Other:</b>				
Contingency	\$ 5,000	\$ -	\$ 5,000	\$ 5,000
Marketing	\$ 10,000	\$ -	\$ -	[2]
<b>Totals:</b>				
<b>Total expenses</b>	\$ 538,000	\$ 87,634	\$ 480,000	\$ 621,500
<b>Confirmed Balance (carry-over)</b>			\$ (4,126)	
<b>Forecast Balance (carry-over)</b>			\$ 219,436	\$ 56,046
[1] Gernot is conflicted as this item would be contracted to UNSW				
[2] June is conflicted as this item would be contracted to June or Proofcraft				
[3] Gerwin is conflicted as this item would be contracted to Proofcraft				