

# Minutes of the 6<sup>th</sup> Meeting of the seL4 Board

21:00 on 2021-10-06 UTC

By Zoom

## Members present

- Gernot Heiser (GH) – Chair
- June Andronick (JA)
- Matthew Grosvenor (MC)
- David Hardin (DH)
- Sascha Kegreiß (SK)
- Gerwin Klein (GK)

## Members absent

- Qiyang Wang (QW)
- Ian Xu (IX)
- Feng Zhou (FZ)

The meeting commenced at 21:10 on 2021-10-06 UTC.

### 1. Confirmation of minutes of previous meeting

**RESOLVED:** Draft minutes of 5<sup>th</sup> meeting, of 2021-06-09 UTC, are confirmed

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

- 210413: Develop endorsement scheme  
No progress

### 3. Update from the Chair

GH updated the Board on:

- Strong growth of membership
- Transition of Trustworthy Systems from CSIRO to UNSW
- Interim endorsement of trusted providers and products
- Service agreements and progress of infrastructure setup
- Status of TM applications
- R&D progress
- Noteworthy events
- OS development issues

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#### 4. Update from the TSC Chair and matters arising

GK updated the Board on:

- Shepherding of pull requests
- Strong increase of community engagement
- Challenge for endorsements depending on people volunteering their time
- Status of CI test infrastructure

#### 5. Board committees and membership:

Matthew Grosvenor agreed to join the Marketing Committee. The new composition of the Board committees is:

- Compliance Committee (CC): June Andronick, Gernot Heiser, Gerwin Klein
- Outreach Committee (OC): June Andronick, David Hardin, Gernot Heiser, Daniel Potts, Sascha Kegreiß
- Marketing Committee (MC): June Andronick, Gernot Heiser, Matthew Grosvenor

#### 6. Budget

The Board discussed the proposed new budget, taking into account the significant revenue increase since the last budget was approved. Some last-minute changes (planned expenditure no longer needed) were incorporated.

##### Declarations of interest:

- GH declared a conflict of interest in items marked with note (1).
- JA declared an interest in items marked with note (2) and (3).
- GK declared an interest in items marked with note (3).

**RESOLVED:** The revised FY2021 budget is approved as amended during the meeting.

#### 7. Future meetings

Future meetings will be held on demand, the next one likely early in the new year to approve the FY2022 budget. The meetings may be held by zoom or email.

#### 8. AOB

Nothing raised under this item.

The meeting closed at 22:05 UTC.

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### ACTION SUMMARY

From	Item	Owner	Status	Action
21-04-13	9	CC	<b>TBD</b>	Develop endorsement scheme for services and products

### Meeting Attendance

Current financial year, starting 2021-04-01:

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Name	Eligible	Attended
Gernot Heiser	3	3
June Andronick	3	3
Matthew Grosvenor	1	1
David Hardin	3	3
Sascha Kegreiß	3	3
Gerwin Klein	3	3
Qiyang Wang	1	0
Ian Xu	1	0
Feng Zhou	1	0

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### 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

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**ATTACHMENTS:** Budget on next page



**Signed as a true record**  
**2022-03-04**

Budget - BM 2021-10-07							
	Apr'2021 to Dec'2021			2022			
<b>Income:</b>							
Carry-over from previous year	\$ 33,491			\$ 43,793	(TBC)		
Income to date this year	\$ 423,378			\$ 364,000			
Income forecast				\$ 51,567			
<b>Total available now</b>	<b>\$ 456,868</b>			<b>\$ 407,793</b>			
<b>Total available forecast</b>				<b>\$ 459,360</b>			
<b>Expenses:</b>							
	<u>Last Approved budget</u>	<u>Proposed updated budget</u>	<u>Notes</u>	<u>Initial unavoidable items</u>	<u>Items newly committed</u>	<u>Initial conditional suggestions</u>	<u>Notes</u>
<b>Services:</b>							
Legal (TM)	\$ 15,000	\$ 20,000	updated (0)	\$ 15,000			
Mail hosting	\$ 540	\$ 540		\$ 540			
<b>Marketing</b>		<b>\$ 10,000</b>	<b>new (3)</b>				
<b>Infrastructure:</b>							
HW for native web server	\$ 2,000	\$ 2,000					
CI hardware	\$ 5,000	\$ 5,000					
CI Infrastructure (hardware) setup	\$ 16,000	\$ 16,000	(1)				
CI Infrastructure (software) setup	\$ 10,000	\$ 15,000	updated (3)(4)				
Infrastructure support	\$ 20,000	\$ 10,000	updated (1)(5)		\$ 35,000		
<b>Leadership and Admin:</b>							
CEO	\$ 20,000	\$ 21,667	updated (2)(6)		\$ 40,000		(12 months)
<b>Admin- Project coordinator</b>		<b>\$ 5,868</b>	<b>new (1)</b>		<b>\$ 35,210</b>		(12 months)
<b>Verification:</b>							
<b>MCS full stack preparation (AC)</b>		<b>\$ 35,000</b>	<b>new (3)</b>				
<b>Proof improv. 1</b>		<b>\$ 26,000</b>	<b>new (3)</b>				
<b>Proof improv. 2</b>		<b>\$ 41,000</b>	<b>new (3)</b>				
<b>Next roadmap item</b>		<b>\$ 100,000</b>	<b>new (3)(7)</b>				
<b>Next roadmap item</b>						\$ 100,000	(as budget comes available)
<b>Systems &amp; Community:</b>							
<b>Contract for support</b>		<b>\$ 30,000</b>			<b>\$ 60,000</b>		
<b>Further Systems Support</b>						\$ 100,000	(as budget comes available)
<b>Reference training</b>		<b>\$ 20,000</b>	<b>new</b>				
<b>Driver Framework</b>		<b>\$ 50,000</b>	<b>new (1)</b>				
seL4 community support	\$ 33,000	\$ -	updated (1)(8)				
<b>Misc:</b>							
Contingency	\$ 5,000	\$ 5,000					
<b>Totals:</b>							
<b>Totals expenses</b>	<b>\$ 126,540</b>	<b>\$ 413,075</b>		<b>\$ 15,540</b>	<b>\$ 170,210</b>	<b>\$ 200,000</b>	
<b>Balance now</b>	<b>\$ 330,328</b>	<b>\$ 43,793</b>		<b>\$ 392,253</b>	<b>\$ 222,044</b>		
<b>Balance forecast</b>				<b>\$ 443,820</b>	<b>\$ 273,611</b>		
<b>To be approved</b>		<b>\$ 413,075</b>			<b>\$ 170,210</b>		
Notes							
(0) Increasing TM budget by \$5,000							
(1) Contract to UNSW							
(2) Contract to June Andronick							
(3) Contract to Proofcraft							
(4) additional 5K for github software setup of the hardware infrastructure							
(5) additional 10K not required							
(6) current contract is 3rd Jun 2021 to 2nd Dec 2021. Proposal is to add 2 weeks for 2021 and then extend for another 12 months.							
(7) Options for next verification items: "investigate MCS initialisation", "start at MCS CRefine", "initial start at Aarch64", "part of pool for full Aarch64"							
(8) Change of strategy: systems support provided by "Contract for systems support"							