



CIP Core regular meeting

Date: March 30th, 2021 (30min~1h)

Time:

- [timezones](#)
- Tokyo (Japan) 17:30
- Taipei (Taiwan) 16:30
- Bangalore (India - Karnataka) 14:00
- Frankfurt (Germany - Hesse) 10:30
- London (United Kingdom - England) 08:30

[Zoom](#)

[Dial-in numbers](#)

Meeting ID: 917 9128 4612

Passcode: 248841

[Past meetings](#)

Rules

- <http://www.linuxfoundation.org/antitrust-policy>
- Please mark with (PRIVATE) those parts that should not appear in the public version of these minutes.

Roll Call

Participants (*italic* means did not attend)

- Daniel Sangorrin [TOSHIBA]
- *Kazuhiro Hayashi [TOSHIBA]*
- Dinesh Kumar [TOSHIBA]
- Venkata [TOSHIBA]
- Shivanand Kunijadar[TOSHIBA]
- Masato Minda [Plat'Home]
- Chris Paterson [Renesas]
- *Hung Tran [Renesas]*
- *Minh Tran [Renesas]*
- *Nhat Thieu [Renesas]*

- Kento Yoshida [Renesas]
- Kazuhiro Fujita [Renesas]
- Christian Storm [Siemens]
- Hiraku Toyooka [Cybertrust]
- Sam Wilson [Codethink]
- Jan Kiszka [Siemens]
- Jonathan Sambrook [Codethink]
- Masashi Kudo [Cybertrust]
- SZ Lin [Moxa]

Discussion

Action items updates (2021/03/16~03/30)

- AI (Security group):
 - Draft Threat Modeling document is shared for review
 - https://gitlab.com/cip-project/cip-documents/-/blob/master/security/threat_modelling.md
 - No update
- AI(Daniel): send BBB config
- No activity
 - AI(Daniel): finish [cip-core-sec](#)
 - TODO: update the ISAR gitlab-ci integration branch
 - AI(Daniel): prepare Debian repository for CIP Core (70%)
 - AI(Kernel group): use CIP core preempt-rt.cfg fragments
 - AI(Core group): use upstream kernel configs in ISAR
 - (Jan) [Who has a BBB and could complete this cleanup?](#)
 - (Quirin) will send a v2 patch for BBB that includes 4.4
 - <https://lore.kernel.org/cip-dev/f8f989ef-7ee2-42ee-a922-f53c6d2b07fe@siemens.com/T/#m4b75aee175603bd1f06a8eec2b47ac08bda85c5a>
 - AI(Moxa): cip-kernel-sec MRs not working
 - [original report](#) by Jonathan Sambrook (codethink)
 - Post this issue to the gitlab forum
 - <https://forum.gitlab.com/t/500-error-when-creating-merge-requests/47830?fbclid=IwAR3zMh5e9TnkgZNYjaXtMdK-hJPao0eFwjxMXZZewpFkDFwi20Aa0Lp22U>

Collaboration with Helmut Grohne

- Helmut Grohne <helmut@subdivi.de> from Debian
 - build systems, embedded debian and potential collaboration for the future

- 5 points where we could collaborate in things that could be beneficial for both ends
 - ISAR: chroot-less installation (using DPKG_ROOT)
 - You don't need qemu for the cross installation
 - You don't need root-permission
 - Essential package removal
 - perl
 - bash
 - help with GPLv3 issues?
 - beneficial for the tiny profile but also for the generic (less packages to maintain long-term)
 - Common API to package builders so that image builders can exchange sbuilder, pbuilder, dpkg-buildpackage as needed
 - Strengthen busybox (or try toybox) in Debian
 - maybe for the tiny profile it helps
- have a call with him separately?
- interest in musl?
 - skeptical..
- This is a big effort
 - Debian cross-compile project?
 - Debian multi-arch?

Government board would have to decide about funding that

	Apr 15 THU 8:30 PM 9:30 PM	Apr 12 MON 1:00 PM 2:00 PM	Apr 12 MON 8:30 PM 9:30 PM	Apr 13 TUE 1:00 PM 2:00 PM	Apr 13 TUE 8:30 PM 9:30 PM	Apr 14 WED 1:00 PM 2:00 PM	Apr 14 WED 8:30 PM 9:30 PM	Apr 15 THU 1:00 PM 2:00 PM
8 participants	✓ 8	✓ 5	✓ 7	✓ 5	✓ 6	✓ 4	✓ 7	✓ 4
	★							
Yoshitake Kobayashi	✓		✓				✓	
Kazuhiro Hayashi	✓	✓	✓	✓	✓	✓	✓	✓
Punit Agrawal	✓	✓	✓	✓		✓		✓
Chris Paterson	✓				✓		✓	
Jan Kiszka	✓		✓		✓		✓	
Nobuhiro Iwamatsu	✓	✓	✓	✓	✓	✓	✓	✓
Masashi Kudo	✓	✓	✓	✓	✓	✓	✓	✓
Dinesh Kumar	✓	✓	✓	✓	✓		✓	

- By the way, it would be great if we could also gather other people creating tools for building OS/SDK images using Debian binaries.
 - Matthias Lüscher: created an ansible-based build system called EDI, but it seems he uses QEMU as well (<https://github.com/lueschem/edi>)
 - <https://www.get-edi.io/A-new-Approach-to-Operating-System-Image-Generation/>
 - Someone from the Debos project (obbardc or sjoerdsimons) <https://github.com/go-debos/debos>
- Alignment between cip core testing and Smita from mentor
 - autopackage
 - how to reuse what debian is using
 - <https://gitlab.com/cip-project/cip-core/isar-cip-core/-/issues/6>
 - AI: discuss about this tomorrow
- Other possible topics
 - Reproducible builds
 - Read-only Debian
 - License (dep5 status)
- Setup our priorities
- What should we prepare for the meeting?
- Should we invite other creators of Debian image builders?
- Budget required

- Static code analysis?

Other discussions

- Permissions for non-maintainers (protected branches)
 - permissions for non-members who want to contribute to CIP
- Alerts for possible repository infiltration

CIP Core lifecycle

- Asking TSC approval: “CIP lifecycle definitions”
 - Requests:
 - Move [cip-lifecycle](#) from cip-playground to cip-project
 - Remove Debian 9 from maintenance targets of CIP Core
 - Add Debian 11 from maintenance targets of CIP Core
 - Due date: Feb. 19th (Fri)
 - Please check the [lifecycle information](#) then vote
 - From extended TSC meeting:
 - AI(Daniel): add fixed_date boolean and set it to false for the unfixed ones
 - Result: Approved with the condition that the AI is completed
 - +1: Renesas, Siemens, Toshiba (Cybetrust, Hitachi, Moxa, Plat’home)
- AI completed
 - 1. Add “projected” flag to each start/end dates:
 - <https://gitlab.com/cip-playground/cip-lifecycle/-/commit/66b87fd0288cb66aea24a992fb1015bd0f6ae147>
 - 2. Add the explanation about “Projected EOL” to README.md:
 - <https://gitlab.com/cip-playground/cip-lifecycle/-/commit/a9fc80c0ffca430a787aaff37e8090c7407e05aa>
 - Now, everyone can know that...
 - All “unmarked” end dates in [lifecycle.txt](#) are “Projected EOL”, which has been decided by each project but may be earlier or later in future
 - End dates with “(Predicted)” are just predicted dates which has not been officially decided by each project

Software Updates WG

- No updates
 -

Q&A or comments

- CIP core phase2
 - Do we need to do self-maintenance after ELTS? Or, funding?

Items that need approval by TSC voting members

None

Future topics

- SDK images
- Cross-compile
- Tiny profile using other method (alpine?)
- Reproducible builds
- Meetings with lamby and Helmut