

Simulator Emulator WG

- [Simulator/Emulator 2023 Priorities](#)
- [Simulator/Emulator 2024-1H Priorities](#)
- [Simulator Emulator Projects](#)

About

QEMU and SPIKE projects.

Resources

- [Google Drive Directory](#)
- [Project Tracking Spreadsheet](#)

Updates:

17 Aug 2023

- No updates this week

03 Aug 2023

- New project added: [SE_01_011 - QEMU RVA22 profiles support](#)

27 Jul 2023

- No updates this week

20 Jul 2023

- [SE_01_001 - QEMU linux-user riscv_hwprobe syscall support](#)
 - Upstream changed to 'completed'
 - Upstream Version changed to 'QEMU 8.1'

13 Jul 2023

- No updates this week

06 Jul 2023

- Second monthly meeting happened in 07 Jun 2023
 - Governance guidelines covered
 - Went through priority items status

29 Jun 2023

- Added in each wiki page project the following fields:
 - Project Scope and Timelines
 - Components and Repos
 - Stakeholders and Partners
 - Measure of Success
 - RISE Requirements
- Sent emails for each contact asking for updates in their respective wiki pages

22 Jun 2023

- Added new wiki pages for the following QEMU projects:
 - SE_01_001 - QEMU linux-user riscv_hwprobe syscall support
 - SE_01_002 - QEMU Virtual IRQ and IRQ filtering support
 - SE_01_003 - QEMU WorldGuard support
 - SE_01_005 - QEMU PCIe passthru on x86 hosts
 - SE_02_001 - QEMU Vector crypto support

- Added a new "Simulator/Emulator 2023 Priorities" wiki page
- Removed some projects from the tracking spreadsheet:
 - QEMU AIA support enhancements - clone of Kernel project LK_03_007 (QEMU-KVM AIA in-kernel irqchip)
 - QEMU Vector Support, contact Frank Chang (SiFive) - generic description
 - QEMU Vector Support, contact Yunhai (Alibaba) - generic description

15 Jun 2023

- First monthly meeting happened in 07 Jun 2023
 - Governance guidelines covered. Some ideas/suggestions
 - Ideas such as deprecating the Google Document and adding a 'target release' to the spreadsheet were discussed but not implemented - TSC board approval is required
- New projects added:
 - SE_03_001 - Remove prematurely merged non-standards from QEMU - ETA 2024
 - Contact: Paul Walmsley (SiFive)
 - SE_01_009 - QEMU riscv_hwprobe syscall support - ETA 3Q 2023
 - Contact: Robbin Ehn (Rivos)

Working Group Meetings

07 Jun 2023 First Simulator/Emulator Working Group Meeting

- Slides:
- Meeting notes:
 - The Working Group is intended to foster collaboration between all RISE members and the respective QEMU/Spike communities
 - Technical discussions are welcome within the WG but discussions in the upstream lists are encouraged and preferable
 - There is no owner of the tracking spreadsheet - all members are welcome to keep it updated
 - Several discussions about overall WG aspects - removal/deprecation of the Google Document, add a new 'target release' column in the spreadsheet
 - These items should be discussed with other WGs to reach consensus