



SW Overlay

Nov 24th 2021

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We are a transparent, collaborative community where all are welcomed, and all members are encouraged to participate. We are a continuous improvement organization. If you see something that can be improved, please tell us. help@riscv.org

We as members, contributors, and leaders pledge to make participation in our community a harassment-free experience for everyone.

<https://riscv.org/risc-v-international-community-code-of-conduct/>

Agenda

1. Submission status update (llvm, binutils)
2. Github reported issues
3. FOSSi – newsletter, Overlay publication
4. Round table - q&a

Submission status update

- LLVM/Clang
 - overlay patches updated following further review and related issues opened on HLD
 - <https://reviews.llvm.org/D109371>
 - <https://reviews.llvm.org/D109372>
 - patch submitted to add new reserved register ELF attribute
 - <https://reviews.llvm.org/D113890>
- GNU Binutils - work in progress
- GNU GDB - work in progress

Github reported issues

- [Issue 28 - overlay attributes in the compiler \(overlaycall, overlaydata\)](#)
- [Issue 29 - Names of relocations used by the overlay system](#)
- [Issue 30 - Include section in high level document for assembler syntax](#)

FOSSi – newsletter

- Link to the newsletter - <https://medium.com/librecores/el-correo-libre-issue-44-bd307e35b8a6>
- Link to the article itself - <https://github.com/fossi-foundation/embedded-sw-overlay/blob/master/docs/article-for-fossi-v2.pdf>

Round table – Q&A

- Open issues



Thank You

