Course Material

- Website: selfie.cs.uni-salzburg.at
- Slides (draft): selfie.cs.uni-salzburg.at/slides
- Book (draft, outdated): leanpub.com/selfie
- Sources (code, slides, book): github.com/cksystemsteaching/selfie

- Install selfie on your machine or in the cloud using the instructions provided in the selfie repository on github.com
- Please note that the slides are incomplete as of 2018 and published incrementally as they become available.

Syllabus

1. Programming in C*, the C subset in which selfie is written and compiles.

2. Introduction to RISC-U, the RISC-V subset targeted, emulated, and virtualized by selfie.

3. Introduction to starc, the selfie compiler (scanner, parser, type checker, register allocator, code generator).

4. Introduction to mipster, the selfie emulator (virtual and physical memory, machine contexts).

5. Introduction to hypster, the selfie hypervisor (virtual memory, context switching).

6. Introduction to monster, the selfie symbolic execution engine (planned).

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