

Functional language compiler to WebAssembly - Supervisor meeting

During this meeting, the requirement specification was validated.

Location: C10.15 HEIA-FR

Date: 12.06.2024 8:45 - 09:15

Agenda

- Discuss the meeting with the experts
- Discuss the structure of the report
- Questions and answers

Participants

- Jacques Supcik (supervisor)
- Serge Ayer (supervisor)
- Noah Godel (student)

Information shared

- The reference counting garbage collector might not be the best choice for the project since it has its limitations. The student should consider a mark and sweep approach.
- The time to write the report shouldn't be underestimated. The student needs to bring the report up to date while he still remembers the details.
 - The reasons why Haskell was chosen as the implementation language should be explained.
 - The reasons why direct compilation to WebAssembly instead of using an intermediate representation like LLVM should be explained.

Decisions

- The project code needs to contain SPDX license headers in each file and a LICENSE file in the root of the project.
- The code will be linted and auto-formatted (including a check for SPDX headers) in the CI pipeline and in a pre-commit hook.
- The tasks should only be moved to done once the documentation, for that task, is up to date.
- It is OK to not have a garbage collector in the project for now. But a possible approach should be discussed in the report.

Tasks

What?	Who?	Deadline
Add SPDX headers to code files and license	Mr. Godel	12.06.2024
Bring the report up to date	Mr. Godel	13.06.2024