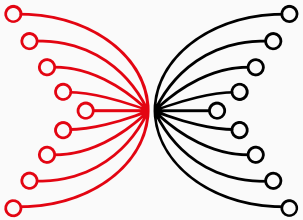
Welcome

Haskell and Cryptocurrencies

Dr. Lars Brünjes, IOG
Robertino Martinez, IOG
Karina Lopez, IOG
Antonio Ibarra, IOG

February, 2024



INPUT | OUTPUT

Goals

- Introductions (participants and instructors).
- Explain the course schedule.
- Clarify expectations and workload.

Introductions

Schedule

First two week: kick-off week

- Lectures.
- Small exercises, reviewed immediately.

Schedule today

- Introduction to Cryptocurrencies.
- Overview of Haskell.
- Lab setup (get everything installed, first steps).
- First set of small assignments.

Other weeks

Schedule is preliminary, and will be refined further:

- Lectures everyday.
- Discussions, examples, questions.

Expectations and assignments

Mutual expectations

This is a full-time course.

- Work on assignments and projects is expected and necessary.
- Ask a lot of questions.
- Feel free to suggest ideas for course content.
- Course setup is somewhat flexible.
- Get proper feedback on your performance.

Weekly assignments

- Every Friday, one set of assignments will be distributed.
- To be handed in (electronically) on Friday one week later.
- To be solved in small teams (max four teams in total).
- Reviewed by us.

Biweekly tests

- Every two weeks, there will be a simple test.
- To be solved individually and handed in immediately.
- Reviewed by us.

Project assignments

- In larger intervals, larger project tasks will be distributed.
- To be worked on in teams (max four teams in total).
- Milestones will be agreed on.
- Intermediate and final demos/ presentations here in the course.

Extra and bonus work

We may do additional things such as:

- Give everyone (or a few people) a paper to read and then discuss it in the course.
- Pose additional programming challenges and let participants present their solutions.
- Have guest lectures, or watch a classic talk video together.
- Final project.
- ...

Communication

- Discord
- Stack Overflow (questions, discussions)
- Github (distribution of materials)