Meeting Notes

Tuesday 17th March, 2020

1 Talk of the day

- Aïna has finished proving a version of the awkward example without the preamble and with stack clearing upon return.

- Alix, Armaël and Thomas have finished the refactoring.

- Alix has rebased the uninitialized capabilities branch over the refactoring and started fixing proofs.

- Thomas has given a presentation of what the driver code that would be verified could look like.

2 Things to do for next meeting

- Aïna will give a tour of the Coq code on Friday 20th March, 2020 to showcase how to go through the examples. She will also give a higher level presentation of the awkward example, and how to reason about the world/revocation in the Iris setting next meeting.

- Armaël and Thomas will write down something about the operational semantics for I/O, and the expected changes to the value relation.

- Alix will write down something about uninitialized capabilities, how they are modeled, what is impacted by their introduction, and try to continue working on the uninitialized capabilities branch.