

Timeplan

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1 Milestones

- (1w) Formal system: syntax
- (1w) Formal system: type system
- (1w) Formal system: Semantics
- (1w) Coq: syntax, typing rules and semantics
- (1m) Coq: progress and preservation proofs
- (1w) Thesis chapter: Introduction (problem statement, proposed solution)
- (1m) Thesis chapter: Background (effects, algebraic effects and handlers, instances)
- (1m) Thesis chapter: Our system
- (2w) Thesis chapter: Examples (encapsulated effects, polymorphic heaps)
- (2w) Thesis chapter: Formalization
- (1w) Thesis chapter: Evaluation and discussion
- (2w) Thesis chapter: Related work
- (2w) Thesis chapter: Conclusion and future work (polymorphic operations, indexed effects)

2 Timeplan

Date	Milestones
December, January	Christmas, course assignment deadlines and exam
4 February	Syntax, background on algebraic effects
18 February	Type system, background on instances
4 March	Semantics, Coq syntax, typing rules, semantics
18 March	part of Coq proofs, part of System chapter
1 April	part of Coq proofs, part of System chapter
15 April	Coq proofs done, System chapter done
29 April	Examples done
13 May	Formalization chapter done
27 May	Related work done
10 June	Introduction and Evaluation done
24 June	Improvements, thesis done