

Step-wise construction of simple Agda programs

Research Proposal

Carlos Tomé Cortiñas Fabian Thorand
Ferdinand van Walree Renate Eilers

September 28, 2016

This is an abstract

Contents

1 Literature Review	1
2 Research Objective	1
3 Outline of Research	1
4 Timetable	1

1 Literature Review

[4] [1] [5] [3] [2]

2 Research Objective

3 Outline of Research

4 Timetable

References

- [1] Simon Foster and Georg Struth. *Integrating an Automated Theorem Prover into Agda*, pages 116–130. Springer Berlin Heidelberg, Berlin, Heidelberg, 2011.

- [2] Alex Gerdes, Johan Jeuring, and Bastiaan Heeren. An interactive functional programming tutor. In *Proceedings of the 17th ACM Annual Conference on Innovation and Technology in Computer Science Education*, ITiCSE '12, pages 250–255, New York, NY, USA, 2012. ACM.
- [3] Johan Jeuring, L. Thomas van Binsbergen, Alex Gerdes, and Bastiaan Heeren. Model solutions and properties for diagnosing student programs in ask-elle. In *Proceedings of the Computer Science Education Research Conference*, CSERC '14, pages 31–40, New York, NY, USA, 2014. ACM.
- [4] Pepijn Kokke and Wouter Swierstra. *Auto in Agda*, pages 276–301. Springer International Publishing, Cham, 2015.
- [5] Fredrik Lindblad and Marcin Benke. *A Tool for Automated Theorem Proving in Agda*, pages 154–169. Springer Berlin Heidelberg, Berlin, Heidelberg, 2006.