

Seminar Configurable Systems

Prof. Zeller / Christian Lindig

Embedding an Interpreted Language

Assignment

1. Read *Embedding an Interpreted Language Using Higher-Order Functions and Types* by Norman Ramsey. The paper was presented at the ACM SIGPLAN Workshop on Interpreters, Virtual Machines and Emulators, June 2003.

This is probably the most complicated paper of the seminar. Make sure to start working on it early.

2. Prepare a one-page document that summarizes the paper. You should devote about half of your document to the summary of the paper *in your own words*. The rest you can use to judge the paper's strengths and weaknesses, and to offer some opinion.

Here are some generic questions that you might want to answer in your summary:

- (a) What is the problem being solved or discussed?
- (b) What is the main contribution, in particular with respect to the extension languages that we read about?
- (c) Do you find the paper convincing? What are the main claims of the author and does he provide evidence for them?

Note all questions about the paper that you cannot answer yourself; we will try to answer them in class.

All writing assignments may be completed in German or English. You will receive extra credit for writing in a foreign language.

Your summary is always due on the Tuesday before the next meeting, 11:30 am at my office (307/45). Please provide me with a printout of your summary and don't forget to put your name on it.

3. In general, I do not accept submissions by email. However, if you cannot stop by my office and therefore decide to send me an email with your submission, send it as a PDF or plain text file.