Advanced Functional Programming

Software Engineering Chair and Programming Systems Lab

Small-group work

When you are asked to review a paper for a conference or journal, the instructions for the review are often pretty terse. Program chairs typically assume that you know how to do reviews. Here are papers that give some advice. For this exercise it is enough to skim them.

1. What are the questions a reviewer should ask about a paper? Make a list with important questions.

2. Not all papers are alike and serve the same purpose. Make a list of categories. Think about the papers we have read and categorize them.

3. How much time should you spend on reviews?

Homework Assignment

1. Read *Embedding an interpreted language using higher-order functions and types* by Norman Ramsey, Proceedings of the 2003 workshop on Interpreters, virtual machines and emulators, pages 6–14, 2003.

   The paper mentions Lua, which is a scripting language. You can find out more about Lua at `www.lua.org`. Some aspects of the paper are technical details about the implementation of programming languages; try to identify the big ideas first. Unlike previous papers that we have read, this one is focused on the application of functional programming rather than functional programming per se.

2. Summarize the paper *in your own words* on one page. Put your name and student ID on your summary and drop off a printout at office 326/45 until Monday, December 6th at noon (12 am). If the door is closed, slide your printout under the door. No Emails.