

Assignment

1. Read *Lua—an extensible extension language* by Roberto Ierusalimsky et al.; it appeared in *Software: Practice and Experience* 26(6), p. 635–652, 1996. Stu Feldman’s paper about Make appeared in the same journal.

I encourage you to read papers in small groups or to discuss them after you have read them on your own.

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 Tcl and Libscheme?
- (c) Do you find the paper convincing? What are the main claims of the authors and do they 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. The paper discusses an early version of Lua. The current version 5.0 was considerably cleaned up and has better support for object-oriented programming and modules, among many other things. On the internet <http://www.lua.org/> is the primary source of information; the Lua community gathers around <http://www.lua-users.org/>. Here you can find comparisons with other languages and earlyversion. Section *Libraries and Bindings* lists domain-specific additions for Lua.
4. 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.