

February 4, 2010

Programming Languages and Types

Homework Assignment 14

Please hand in your homework by email to <mailto:plecture@informatik.uni-marburg.de> until February 11. Please submit your solutions in appropriate file formats.

H14.1 Programming Language Design Criteria

For each of the criteria we assembled in this week's group exercise, describe in a short sentence whether the following programming languages fulfill them: C++, SML, Ruby, Erlang, JavaScript.

H14.2 Text Markup Language

Implement the text markup language you designed in this week's group exercise via (i) an interpreter, (ii) embedding, and (iii) polymorphic embedding. Running a TML program should yield an HTML or plain text document, depending on the users choice.