

A Syntax and Semantic Analyser for Links using Haskell

Subhasree Basu
Matric Number : A0078948

March 15, 2011

Abstract

A typical Web Program contains code for three tiers - the front-end, the server and the database. Links provides a single language for all three tiers. It translates into JavaScript to run on the browser and SQL to run on the database. It is a strict, typed, functional language. Its syntax is similar to that of Javascript without the use of **return** keyword. It uses Hindley-Milner type inference with row variables. We plan to do a syntax and symantic analysis for the SQL compilable subset of Links expressions.