15-745 Advanced Optimizing Compilers: Task 0
Due 1/26/2006 5:00pm

January 18, 2006

1 Task Description

In this introductory assignment, you will unpack, set up, and test the provided compiler infrastructure on a machine of your choosing. You will also be responsible for the creation of five novel test cases for the L3 language. This task must be completed individually.

2 Task Specifics

Complete the following tasks:

- read the L3 language specification document

- download the L3 compilers from the class website, and set up one of the three compilers (your choice) according to the instructions in the L3 specification

- create five new test cases (see below for details) and place them in the correct locations in the test suite directory

- run the modified test suite (note: running the timing portion of the suite will take several hours)

You must create five test cases:

- one with a compile-time error

- one with a run-time error

- three that provide good targets for optimization

Once you have completed the task, please turn in (by email to `mderosa@cs`) the five test cases and the `results.txt` file from the test suite run.