Homework 3: Project Work

This will be due March 22.

In this homework you will work on your semester project.

If you wish, you can work in groups, and I recommend that for the semester project. However, be sure to follow the process described in the course's grading policy if you work in groups.

Turn in this homework on paper during class.

1. (150 points) Write and test one static analysis for your semester project. Turn in on paper enough so that we can understand what you have done. Appropriate overview and/or comemnts will be helpful. Hand in your source files (but no generated files!) on paper.

   We recommend that you use JastAdd (see `http://jastadd.org`). For working with JastAdd, you should read the on-line documentation, especially the reference manual. Also, it's useful to start with an existing JastAdd sample project (see `http://jastadd.org/projects`), such as PicoJava, and modify it to suit your language.

   You can use our WHILE language as a sample project also. The Unix command for anonymous checkout is:

   ```
   svn checkout http://refine.eecs.ucf.edu/svn/proganalysis/WHILE/trunk WHILE
   ```

   and the URL `http://refine.eecs.ucf.edu/svn/proganalysis` can be used with tools like Eclipse, but check out the WHILE/trunk if you are working with Eclipse. If you have permission problems with SVN, browse to `http://refine.eecs.ucf.edu/gf` and get a login, then send the instructor an email about the problem.